

**Corrigendum-III**

**RFP for Selection of Project Implementing Agency For BharatNet Phase-III Project in Gujarat under GFGNL  
(Design, Construction, Supply, Implementation, Testing & Commissioning and Operation & Management Model)**

**Issued by:**  
**Gujarat Fibre Grid Network Limited**  
Reference No: GFGNL/GFG/e -file/263/2025/0006/Phase-III (ABP in Gujarat)

19<sup>th</sup> March 2025



**Issued By:**  
Gujarat Fibre Grid Network Limited (GFGNL)  
A Government of Gujarat Company  
Block No: 6, 5<sup>th</sup> Floor, Udyog Bhavan, Sector-11, Gandhinagar 382010

v) FACT SHEET

#	Particular	Details
9.	Last date for submission of Bid/proposal	<del>28/02/2025</del> <del>21/03/2025</del> 02/04/2025 at 06:10 pm

**Additional Clauses:**

**A) Increase in GP scope numbers during execution:**

Looking at incremental work only for incremental GP during execution phase (after work order), the payment will be as follows.

- (i) New GP connected with one arm (i.e. linear), then 40% of discovered rate per GP will be applicable for payment.
- (ii) New GP connected with two arms (i.e. on ring path), then 70% of discovered rate per GP will be applicable for payment.

**B) Deletion of GP before start of execution:** GFGNL will notify to de-scope the GP to PIA before commencement of work. The PIA will neither execute work for this GP nor will raise any claim to GFGNL for de-scope GP.

**C) Deletion of GP post Go-Live:** GFGNL will notify the next course of action i.e. reuse/redeployment of the assets and notify the discontinuation of O&M. The GFGNL will pay Rs. 12000 /- for redeployment, recommissioning of the electronics, UPS, Rack, other setup at GP. In case of redeployment of existing assets to new GP or other location, GFGNL will discount the value of at 12% of the discovered cost of new GP {As per above A(i) & A(ii)} in lieu of use of existing electronics & GP equipment setup.

Note: Discovered rate per GP will be as per Sr.1 and Sr.2 for Phase-I and Phase-II GPs respectively mentioned in financial bid table for Package-A and Package-B.

**Pre-bid queries response:**

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1	-	4.2	EMD is waived off for MSME	As per eligibility criteria (turnover), MSME shall not be eligible for bidding	The prevailing exemptions for MSME i.e. tender fee and EMD in case MSME are meeting qualifying criteria.
2	-	4.15	Sub Para-ii Failure to agreement with nth bidder, GFGNL has rights to award the same process by inviting the other packages successful bidder in sequence mentioned above.	In case of other package successful bidder is not eligible for both packages what shall be process?	The eligibility criteria are fixed. Non-eligible bidders will be identified and shall be eliminated during this type of allocation.
3	-	4.22	Sub Para-ii This Contract/ PO/WO is subject to jurisdiction of Court at New Delhi.	Court jurisdiction should be with in Gujarat	Pls see revision
4	-	4.26	b. Shifting of obstructing utilities	There is no requirement of such process as it will increase financial burden to GFGNL for shifting of other obstructing utilities. And there are NIL possibility of utility owner agency's approval for shifting. Such practise is not followed in industry. Only alternate path or laying ADSS is advisable.	Shifting of obstructing utilities will be avoided in all the cases by alternate path or laying ADSS. This is EPC based project; hence the design or path selection will be in the scope of bidder.
5	-	7.3	Project Penalties: Deliverable Milestone	For Phase-I T+32 months onwards and for Pahse-II T+28 months onwards penalty is kept 20% for >60% - <=75% pending GPs, but ceiling capped at 15%.	The clause is for 20% of pending GP's CAPEX as a penalty. However, the cap limit is related to 15% of total GPs CAPEX value of related Phase I/II.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
6	-	7.4	Sub Para b)	> Timeline for restoration of Third party damage is not mentioned. > ₹50,000 deduction per incident of Road shoulder damage notice from Authority is not mentioned	By compensating the Third-party damage in terms of money, timeline to restore the damage is not in the Scope of GFGNL
7	-	7.6	It is mentioned as underground cables of GFGNL.	> It should be mentioned as third party underground cables or pipelines. > Timeline for restoration of damage is not mentioned.	Third party damage is covered in 7.4. However, Timeline to restore any State Govt or Local municipal agency utilities is 72 hours.as mentioned in 7.6(a)
8	-	7.9.14	10% of total actual invoice amount of the quarterly O&M bill will be deducted	Need to reconsider penalty as 10% of total Opex invoice is too high.	The quantified expected spares are the primarily responsibility of O&M provider. The below threshold limit of quantified expected spares is non-negotiable condition. However, in lieu of quarterly submitted valid O&M invoice the same is applicable on 10% of the value of shortfall of spares. This penalty is over and above O&M penalty cap limit.
9	-	7.9.16	iv) Periods where the official ROW application submitted till the approval notes/communication received from departmental official/authority.	RoW application should not be included for SLA during O&M Phase	As per RFP
10	3.1 PreQualification Criteria	Clause No 2	-	We request you to change this clause as "Average Turnover of Consortium Partner of last 3 financial years should be less than Rs.290 Crore for Package A, and Rs. 290 Crore for Package B".	Refer the revised Criteria mentioned in Corrigendum
11	-	5.3.20	All UG OFC and ADSS OFC shall be armored and meet the technical specification.	All UG OFC and ADSS OFC shall be armored, and UG OFC and ADSS OFC meet the technical specification.	All UG OFC shall be armored, and UG OFC and ADSS OFC meet the technical specification.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
12	-	5.3.18	The project implementation shall follow underground (UG) optical fibre cable (OFC). Primarily, the PIA will plan for OFC construction through underground laying. However, where underground laying is not feasible, the preferred alternative will be the laying of ADSS (All-dielectric Self-Supporting) OFC, preferably utilizing existing electricity infrastructure, subject to approval by the local distribution company (DISCOM) in rural area. If existing infrastructure cannot be utilized, new pole infrastructure will be installed to support ADSS OFC laying.	Point to be added : "Wherever the existing electricity poles are not available; the PIA shall erect a 7 Meter RCC pole. The PIA shall have to replace such poles damaged for any reason whatsoever during the contract period without any additional cost to GFGNL. "	Yes, as per the clarification sought.
13	-	5.3.26 (K)	Maximum number of GP rings to be parented at Sub-Block shall be three (4).	Need to correct the number of GP rings	This clause is revised as "Average number of GPs to be parented at Sub-block shall normally be around twenty-three (23). In exceptional case, after approval of GFGNL it may allow maximum up to thirty (30) with given due justification."
14	-	5.13.11	The PIA shall insure all the equipment at GP for theft, damages due to fire, flood, earthquake, storm etc for the entire project duration.	It should be the as per the clause mentioned in Insurance. The PIA shall insure all the goods supplied under this contract as well as existing Goods received in HOTO for the entire project and O&M duration.	In addition to the general insurance coverage mentioned in the Insurance clause, all the goods supplied under this contract as well as existing goods received in HOTO, should be covered in insurance for the entire project and O&M duration.
15	-	5.13.3.2 (B1)	Consulted	Manager -District in place of "DGM-District"	Refer the revised Criteria mentioned in Corrigendum

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
16	-	5.13.4 G	Network Inventory - Mini OLT, and T&M - Cable locator for FRT	Mini OLT - 5% of total installed in Taluka and Spare Cable locator for Armoured OFC - 03 no.s per Zone	1) Refer clause 5.13.4 Network inventory Mini OLT: 5% of total installed in Taluka 2) Each FRT must have one working cable locator. One cable locator per each Zone to be kept as T&M spare.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
17	-	5.13.8	<p>If road widening work is taken up by Government department in future for field activities on Government infrastructure replacement or expansion for water pipelines, drainage lines, GAS Pipelines, etc. on any network stretch or there is work carried by government agencies or their Bidder on same trench and GFGNL network is damaged. For this cases, till 300meters of road/path length/running meter will be rectified by the bidder including shifting infrastructure /chamber shifting/rework/etc. without any additional cost to tenderer. For more than 300 meters road/path length/running meter, Selected bidder will be solely responsible for this additional/replacement work of fibre including shifting infrastructure /chamber shifting/rework that needs to be carried out. For this Cost (material as well as workmanship/labour cost) of all O&amp;M activities will be borne by State/SIA. In this State/SIA will pay 70% of labour as well as material cost on discovered rates from this tender.</p>	<p>It should be "If road widening work is taken up by Government department in future on any stretch and additional work of fibre shifting that needs to be carried out is more than 300 Mtr, cost (material as well as workmanship) of all O&amp;M activities will be borne by State/SIA. for less than 300-meter, patch will be rectified by the bidder including shifting of OFC /chamber shifting/rework/etc. without any additional cost to tenderer. In this State/SIA will pay 70% of labour as well as material cost on discovered rates from this tender."</p>	<p>If road widening work or construction of culvert, bridges, drainage is taken up by Government department in future or field activities on Government infrastructure/utility replacement or expansion for water pipelines, drainage lines, GAS Pipelines, etc. on any network stretch or there is work carried by government agencies or their nominated agencies on same trench and GFGNL network is damaged.</p> <p>For these cases, up to 300 meters of road/path length/running meter will be rectified by the bidder including shifting infrastructure /chamber shifting/rework/etc. without any additional cost to tenderer.</p> <p>For more than 300 meters road/path length/running meter, selected bidder will be solely responsible for this additional/replacement work of fibre including shifting of infrastructure /chamber shifting/rework that needs to be carried out.</p> <p>For this <b>Cost (material as well as workmanship) of all O&amp;M activities will be borne by State/SIA.</b></p> <p>In this State/SIA will pay as per Annexure-F (for existing rates of OFC rectification work) during initial 3 years from Go-live and after 3 years, , rate assessment will be done based on tender discovered rate with preference of sequence as below.</p> <p>GoG/GFGNL latest tender BSNL latest tender of Gujarat BSNL latest tender of Madhya Pradesh BSNL latest tender of Rajasthan BSNL latest tender of Maharastra</p>

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
18	-	5.13.8	If the OFC cable cut is such that the cable has been damaged for distance more than <del>250</del> 300 meter by any external Bidder, then State/SIA shall bear cost of cable/PLBE. But the BIDDER shall bear the cost of workmanship and other store like splicing, jointing kits etc. Below <del>250</del> 300 mtr of damage, BIDDER will bear all the cost of restoration including material and workmanship.	It should be "If the OFC cable cut is such that the cable has been damaged for distance more than <del>250</del> 300 meter by any external agencies such as waterpipelines, drainage lines, Telecom cables, UG power cables, Gas pipelines, etc..then State/SIA shall bear cost of cable/PLBE. But the BIDDER shall bear the cost of workmanship and other store like splicing, jointing kits etc. Below <del>250</del> -300 mtr of damage, BIDDER will bear all the cost of restoration including material and workmanship."	If the OFC cable cut is such that the cable has been damaged for distance more than 300 meter by any external agency, then State/SIA shall bear cost of cable/PLBE. But the BIDDER shall bear the cost of workmanship and other store like splicing, jointing kits etc. Below 300 mtr of damage, BIDDER will bear all the cost of restoration including material and workmanship.



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
19	-	-	<p>During the O&amp;M project duration, Bidder has to consider 1% of overall GP scope in shifting scope and no additional payment will be given by the GFGNL. For beyond 1% cases, Shifting scope till 50meter length/running meter from the nearby junction point to GP premises boundary end point will be in bidder's scope including dismantling, transportation, supply of installation material, integration/commissioning/(if in case revised configuration), and O&amp;M of site. For beyond 50meter (running meter) shifting scope including dismantling, transportation and supply of installation material the PIA shall be paid at 90% of the present tender approved rates.</p>	<p>During the O&amp;M project duration, Bidder has to consider 1% of overall GP scope in shifting scope and no additional payment will be given by the GFGNL. For beyond 1% cases, Shifting scope till <del>50</del> 300 meter length/running meter from the nearby junction point to GP premises boundary end point will be in bidder's scope including dismantling, transportation, supply of installation material, integration/commissioning/(if in case revised configuration), and O&amp;M of site. For beyond <del>50</del>300 meter (running meter) shifting scope including dismantling, transportation and supply of installation material the PIA shall be paid at <del>90</del>70% of the present tender approved rates. "Shifting on temporary basis due to GP renovation/reconstruction/etc shall be immediately done at the location given by the GP authority for the restoration of services at no additional cost to GFGNL"</p>	<p>During the O&amp;M project duration, there will be requirement for OFC &amp; electronics shifting due to GP building construction/renovation. Shifting within 500 meter length/running meter from the nearby junction point to GP premises boundary end point will be in bidder's scope including dismantling, transportation, supply of installation material, integration/commissioning/(if in case revised configuration), and O&amp;M of site for up to 1% of GP scope of package. For more than 500-meter distance shifting cases or beyond 1% GP scope for shifting including dismantling, transportation and supply of installation material the PIA shall be paid for additional work (material as well as workmanship) as per annexure F for initial 3 years from Go-live and after 3 years, rate assessment will be done based on tender discovered rate with preference of sequence as below. GoG/GFGNL latest tender, BSNL tender of Gujarat BSNL tender of Madhya Pradesh BSNL tender of Rajasthan. "Shifting on temporary basis due to GP renovation/reconstruction/utility fault etc shall be immediately done (within 3 calendar days) at the location given by the GP authority or as conveyed by GFGNL for the restoration of services at no additional cost to GFGNL. Unjustified delay in shifting resulting in either non-use of equipment or poor service at village level, shall not be eligible for O&amp;M payment for delayed no of days."</p>

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
20	-	5.13.8	In any case GFGNL infrastructure is damaged by the third-party agency same will be treated as per clause above(VII).	It should be" In any case GFGNL infrastructure is damaged by the third-party agency / person, same will be treated as per clause above(VII)-(III)	In any case GFGNL infrastructure is damaged by the third-party agency / person, same will be treated as per revised clause (III) re-stated as below. <i>"If the OFC cable cut is such that the cable has been damaged for distance more than 300 meter by any external agency, then State/SIA shall bear cost of cable/PLBE. But the BIDDER shall bear the cost of workmanship and other store like splicing, jointing kits etc. Below 300 mtr of damage, BIDDER will bear all the cost of restoration including material and workmanship."</i>
21	-	5.3.19 J	Input power tapping of UPS	To avoid repetitive faults and ensure higher network uptime at the Gram Panchayat (GP) level, the Bidder shall not utilize internal wiring/power sockets of Gram Panchayats for input power tapping of UPS. Instead, the Bidder shall arrange power tapping from the Fuse/MCB near the electricity meter of GPs.	Yes, as per the clarification sought.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
22	-	5.3.19	Extension of Infra alarms of GFGNL Shelter sites	<p>All the infrastructure equipment and systems supplied shall have inbuilt facility to extend alarm through potential-less NO/NC (normally open/closed) contacts or through change of suitable voltage levels as required by the equipment. Routers should support through Ethernet Port for alarm extension.</p> <p>The minimum set of alarms required are a) Power failure alarm b) High temperature alarm c) Battery Low (Voltage of the battery bank below a threshold level) alarm d) Cabin Door open alarm e) Fire Alarm</p>	Interface have to be provided to extend the infra alarms of GFGNL shelters to the NOC.
23	-	5.13.9 i	Bidder needs to provide Shelter infra as per mentions specification of Shelter and as well as detail section of Shelter Infra upgradation.	New Telecom grade shelters will be address through separate tender.	<p>Clause deleted.</p> <p>New Telecom grade shelters will be address through separate tender at page 108/ Clause 5.2 DETAILED SCOPE OF WORK para ix.</p>

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
24	-	5.13.9 t	If the OFC cable cut is such that the cable has been damaged for distance more than 250 meter by any external agency then State/SIA shall bear cost of cable/PLBE. But the PIA shall bear the cost of workmanship and other store like splicing, jointing kits etc. Below 250 mtr of damage, PIA will bear all the cost of restoration including material and workmanship.	Point already covered in " 5.13.8 PERIODIC MAINTENANCE - Corrective Maintenance - III "	Already clause mentioned in 5.13.8 in the corrective maintenance Clause III.
25	-	5.13.12	Bidder is responsible for deployment of required qualified, skilled and experienced manpower defined below at the GFGNL (onsite) for the contract duration. Tenderer will provide sitting space, table, chair, internet connectivity only for the onsite team.	Tenderer or Bidder need to be clarified. It should be Bidder.	Bidder is responsible for deployment of required qualified, skilled and experienced manpower defined below at the GFGNL (onsite) for the contract duration. The bidder will also be responsible for providing the sitting arrangements and other necessary provisions, such as tables, chairs, desktop/laptop as per job role, mobile, internet connectivity, and etc. to perform assigned duty for the onsite team without any cost to GFGNL. The tenderer only will be responsible for providing seating arrangement and other necessary provisions, such as tables, chairs, and internet connectivity, for the resources deployed at the State NOC (Gandhinagar).

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
26	-	5.13.12	T&M of FRT	T&M of FRT : OFC cable locator for detecting line and depth of Underground Armour OFC cable shall be available with all the FRTs. Additionally, Three healthy Cable locator should be available as spare at each zone for handling R&R (Repair and Return).	Pls see preceding response
27	-	5.13.12	Patrollers 1 at each FRT	Each FRT will be handling average 250KM span, as per Telecom industry standard , One Route Patroller is deployed at around 70-80KM. Need to consider " Manpower for surveillance, liaison, and patrolling (one Patroller for about 70-80 kms beat). However, the bidder has to deploy extra manpower for as and when needed during any work or other agencies work in the section."	Bidder must deploy one dedicated Field Response Team (FRT) for every 225 km. Each FRT set should include one four-wheeler vehicle MUV/SUV, one driver/supervisor, one splicer, two labors, 2 patrollers with two-wheeler, along with the required tools and materials (T&M). It is bidder's responsibility to deploy sufficient skilled manpower for surveillance, liaison, and patrolling. The bidder shall deploy additional manpower, as and when needed during any work by other agencies to safeguard GFGNL network without additional cost to GFGNL. The bidder shall manage resource planning in order to meet service expectation to GFGNL customer and maintain SLA, quality parameters.
28	-	7.9.10	As per Telecom standard, number of OFC cuts per 1000 Km OFC Network per quarter must not increase 10 Nos/Quarter.	It should be "As per Telecom standard, number of OFC cuts per <del>1000</del> 250 Km OFC Network per quarter must not increase 10 Nos/Quarter."	Pls see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
29	-	7.9.12 iv	Bidder has to create the required facility to Deliver and maintain dark fibre like additional fibre splice joints , introduction of new chamber, fibre loops ,etc without any additional cost to GFGNL.	It should be "Bidder has to create the required facility to Deliver and maintain dark fibre like additional fibre splice joints , introduction of new chamber, fibre loops ,fiber patch cords and connectors for glass through etc without any additional cost to GFGNL."	As per Clarification Sought
30	-	Section 10	Rate of ADSS cable laying	Rate of ADSS cable laying need to be updated in Annexure.	It is mentioned on Page-439. It is reproduced herewith. "Any consumable items other than mentioned in above existing rates table required for existing fiber route rectification the same will be reimbursed based on 80% of discovered rate in BSNL's (BharatNet- ABP Phase-III) tender of BSNL Madhya Pradesh (First Preference), BSNL Rajasthan (Second Preference) and other adjoining states"
31	-	Section 10	Chamber specification not matched with drawings on page no - 377	Drawing needs to be updated as per Chamber specification	Pls see revision.
32	Section Number 3	Clause No 2	-	Innowave IT Infrastructures Limited has following change request. Turnover (average) of consortium partner of last 3 financial years should be less than Rs. 150 Crore for Package A, and Package B.	Refer the revised Criteria mentioned in Corrigendum
33	-	7.8	-	Same protection type need to use in Hard Soil case as well. (We may eliminate the descriptive lines & only keep table to avoid confusion)	Please refer table 3.7
34	-	7.8	-	It should be <b>T&amp;D</b> rate quoted by bidder	Please see preceding response

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
35	-	7.9.1	-	SLAs to be calculated <b>GP wise</b>	As per RFP
36	-	7.9.1	-	Only for additional GP--?	For all GPs, Relaxation is only for Phase-I
37	-	7.9.10	-	OFC cuts per <b>250</b> Km OFC Network per quarter must not increase 10 Nos/Quarter	As per RFP
38	-	5.3	-	ADSS OFC should be removed	All UG OFC shall be armored, and UG OFC and ADSS OFC meet the technical specification.
39	-	5.13.3.2 (B1)	-	Instead of DGM District, It should be DM-District in Consulted column	Pls see revision.
40	-	5.13.12	-	It should be <b>2 Patrollers</b> with each FRT.	Please see revision
41	-	5.13.9	-	Point is not required & if need to keep, 250 Km should be replaced with 300 Km	Pls see preceding response
42	-	5.13.9	-	<b>6 hours</b> of backup to be written.	Please see revision.
43	-	-	-	Difference in soil definition on different pages	Pls see revision.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
44	-	IX. Remote Fibre Management System (RFMS)	-	As per the latest amendment in the TEC GR of Remote Fibre Test and Monitoring System (GR No. TEC/GR/TX/RFM-001/02/MAR-15) d) Clause No. 4.1.4.3 shall be read as below: Dark fibre monitoring wavelength shall be 1550nm or 1625nm or 1650nm as the requirement or design for the network is to be monitored. Please specify whether we should refer the latest amendment mentioned above for this tender.	Refer Latest Amendments TEC/GR/TX/RFM-001/02/MAR-15
45	-	IX. Remote Fibre Management System (RFMS)	-	It has been mentioned that equipment should have dual DC/AC power input capability. Kindly confirm no of sites having the DC power supply of -48V DC and which one will have 240V AC so that we can provide same in our system.	Most sites will have DC power supply only but as per the network design proposed by PIA after survey, there may be a need of AC feed. PIA need to plan accordingly.



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
46	-	IX. Remote Fibre Management System (RFMS)	-	As per TEC GR of Remote Fibre Test and Monitoring System (GR No. TEC/GR/TX/RFM-001/02/MAR-15) the RFMS is intended to support a switching cycle of 1 billion cycles, ensuring high performance and reliability over time. However, downgrading the specifications for OTDR will have a significant impact on the system's overall performance and will ultimately lead to a degradation of the system's performance.	Min 40 million cycles
47	-	IX. Remote Fibre Management System (RFMS)	-	<p>As per our understanding, the current workflow for the existing RFMS deployed in the GFGNL network involves forwarding the optical fault location to the NMS (Network Management System). The NMS then forwards the data to the GIS (Geographical Information System), which returns the coordinates of the optical fault to the NMS for email alerts.</p> <p>We would like to have clarification whether we should continue to follow the existing workflow or if we need to integrate a new workflow as per the requirements outlined in the RFP. Clarity on this will help us to ensure our approach for this tender.</p>	Please abide with business and functional requirement of monitoring the fibre as per the objectivity.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
48	-	IX. Remote Fibre Management System (RFMS)	-	<p><b>Removal of clause</b></p> <p>We understand that this clause belongs to GIS vendor/OEM, as it is not a part of RFMS functionality. Therefore we request to remove this clause from RFMS/RFTS section.</p> <p>Even in the BBNL tender, Tender No. MM/BNO&amp;M/BN-III/T-791/2024 issued on 15.02.2024 it was removed via amendment No. BSNLCO-MMT/14(11)/3/2024-MMT Dated: 08/05/2024</p>	<p>The following clause is removed from RFMS specification:</p> <p>Integrated cable Management System for Inside and outside plant. Optical Inventory Module for logical and Physical network for port-to-port connectivity, Route search and service provisioning</p> <p>However bidder is liable to integrate RFMS with GIS</p>
49	SECTION-10 SPECIAL TECHNICAL CONDITIONS	XII. Free Space Optics (FSO) / Light fidelity (Li-Fi)	-	<p>1G FSO system could go upto 1G transmission, hence SFP will be used 1G SFP not 1G SFP+ as 1G SFP used when system go beyond 1G transmission. Request to amend it accordingly</p>	<p>Please see revision</p>
50	5.10 LAST MILE CONNECTIVITY TO THE VILLAGES	ALTERNATE TECHNOLOGY IMPLEMENTATIONTE	-	<p>Whether FSO prices will be discover through this tender itself by adding one more BOQ line item or will be done through other tender</p>	<p>1) The use of alternative technology is of paramount importance to address geographical related challenges including coastal, mountains, Kutch region for speedier roll out with optimized cost over distances.</p> <p>2) Hence, inclusion of alternative technology is part of this Bid itself for totality and diversity of the mediums in consonance with balanced approach in UG, Overhead, FSO, UBR/RF.</p> <p>3) Maximum permissible limit is made available with PIA for optimum use of alternative technology with creative network design and due diligence without diluting performance and SLA.</p>

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
51	20	-	-	For ADSS OFC : ADSS cables shall be dielectric Armoured	ADSS OFC 1) For 24 core ADSS OFC refer TEC GR: 85190:2022 with power line, 2) Aerial Drop Optical Fibre Cable (For Last Mile Applications): TEC 85200:2022
52	Annexure A: TECHNICAL SPECIFICATIONS/(1)	-	-	For Armored Optical Fibre Cable reference TEC GR shall be with latest ammendment with TEC 85170:2024 (Supersedes No. TEC/GR/TX/OFC-20/01/MAR-2011).also please clarify fiber count requirement & Fiber type to use (G.652D or G.657A1) as per TEC 85170:2024	i) Applicable TEC GR 85170:2024 ii) Type of Fibre: G.652 D fibre with bend insensitive property of (G.657A1)
53	Annexure A: TECHNICAL SPECIFICATIONS/ (2)	-	-	For ADSS Otical Fibre Cable reference to TEC GR Standard No. TEC 85190:2022. Please clarify which Type is required (Type A-I or Type A-II) also confirm fibre count required (24F or 48F).	1) As per BSNL Issued RFP. Clause is reproduced "TEC GR Standard No.: TEC 85190:2022 (Type-A-I & A-II) with latest amendments if any; OFC in packages of J&K and Ladakh will be of type-A-2 Semi dry (with ice loading) and in other packages, type- A-1 Semi dry (without ice loading) (Clarification no. 3 dated 17.05.2024)". For this RFP, the above is customized as below. TEC GR Standard No.: TEC 85190:2022 (Type-A-I Semi dry (Without Ice loading) with latest amendments if any.  2) 24F or 48F will be as per fiberization principles.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
54	Annexure A: TECHNICAL SPECIFICATIONS/ (2)	-	-	For Aerial Drop Optical fibre cable as per TEC GR Standard No. 85200:2022. Please clarify the fibre count required because as per clause no. 5.10 page (134) (i) of Tender document its mentioned 6F Aerial Drop cable.	Please see revision
55	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS/ (4) (II) (1)	-	-	Please clarify the TEC GR Standard no. for 48F/96F. Also confirm which fiber count is required 48F or 96F.	1) Refer TEC GR: 85260:2024 2) Network design in bidder scope based on fiberization principles mentioned in RFP.
56	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS	-	-	Please clarify the TEC GR Standard no. for 48F/96F (Type Ribbon) for Underground application. Also confirm which fiber count is required 48F or 96F.	1) Refer TEC GR: 85260:2024 2) Network design in bidder scope based on fiberization principles mentioned in RFP.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
	S/ (4) (II) (1)				
57	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS S/ (4) (II) (1)	-	-	Please clarify the TEC GR Standard no. for 24F Armoured Optical Fibre Cable Loose Tube	As per page 40 (5.c) as per RFP, TEC 85170:2024
58	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS	-	-	Please clarify the TEC GR Standard no. for 24F ADSS unarmored cable	Please see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
	COMPONENT S/ (4) (II) (1)				
59	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS/ (4) (II) (2)	-	-	Please clarify TEC GR Standard no. for Aerial Drop cable because as per Annexure A of Tender document its mentioned Aerial Drop Optical fibre cable as per TEC GR Standard No. 85200:2022 & as per Annexure B its mentioned Aerial Drop cable shall be as per TEC GR : 85220:2022. Also please clarify the fibre count required.	As per TEC GR Standard No. 85200:2022.
60	-	-	-	Kindly confirm the BOQ for each type of Optical fibre cable	The bid is on EPC model for blending, creativity of private sectors in fiberization, and cost optimization, measurable scientific outcome for simplified payments against numeric level deliverables which are clearly defined in the RFP for faster roll-out linked with timely payment for ease of doing business and high network uptime.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
61	Section Number 3	Clause Number 2	-	eGovernance Solutions Pvt Limited has following change request. Turnover (average) of consortium partner of last 3 years should be less than Rs. 120 Crore for Package A, and Rs. 120 Crore for Package B.	Refer the revised Criteria mentioned in Corrigendum
62	AMENDMENT No.-9 issued Dt 08.05.2024	Clause Number 15.1	Rack at Block locations/Rack for GP Location – TSEC Required	There is no TEC GR for Racks and TSEC to be applied as per Tender Specs . Obtaining QF 103 is takes some time hence request to extend the bid by 2 weeks	TSEC for Rack (at Block & GP) shall be applied at the time of bid submission and obtained before the supply as per Technical Specifications mentioned in the RFP.
63	Section-IV-C of	SR No 2	TSEC for Rack (at Block & GP) shall be obtained as per Technical Specifications mentioned in the RFP	There is no TEC GR for Racks and TSEC to be applied as per Tender Specs . Obtaining QF 103 takes some time hence request to extend the bid by 2 weeks	Duplicate query , Please refer answer mentioned in query 62
64	Section 3	6.1	-	Suggest to include min 3-4 OEM MAF . It was followed in Bhartnet Ph 3 RFP also	Refer the revised Criteria mentioned in Corrigendum
65	Section 5	26 d	-	-	No clarification sought
66	Section 5	26 d	-	Is new infra to be provided for all GP including Racks ?	PIA has to supply all equipment including racks for all GPs as per Network Design.
67	Section 5	26 d	-	Are new Racks to be provided for sub block and Block also ?	All the sub-block/block locations, one FDMS and one ETSI standard transmission rack are to be supplied and factored in the bid. In case, if existing rack space and FDMS space are available to fulfill the terminal requirements and are permitted by GFGNL, then in lieu of non-supply of above rack, GFGNL shall deduct

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
					Rs. 20,000 per each rack (FDMS or equipment rack).
68	Section 10	Annexure A: TECHNICAL SPECIFICATIONS	-	As per Type of accessories required on Page 391 are of Type I . Please confirm	As per RFP
69	Section 10	Annexure A: TECHNICAL SPECIFICATIONS	-	This is for last mile connectivity of Aerial Cable . Type III accessories as per TEC shall be required Please confirm	As per RFP and mentioned at page 396: The ADSS accessories to be used shall be Helix type-III as per GR.no. 87060: 2017. However, cable selection is in bidder's scope. So, bidder can meet the TEC-GR of respective cable which are being chosen.
70	Section 10	Annexure A: TECHNICAL SPECIFICATIONS	-	The FDMS required is as per TEC GR Standard No.: TEC 87010:2007 . The 48 F shelf is of 3 U height as per TEC standard. 48 F per 1 U is not clear . Please clarify	Please see revision
71	Section 10	Annexure A: TECHNICAL SPECIFICATIONS	-	The Racks specs are same as per Bharatnet Phase 3 RFP without Smart Rack features, Racks EMS . The TSEC should be applicable as per the Bharatnet RFP . Please confirm	Please see revision



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
72	Section 10	Annexure A: TECHNICAL SPECIFICATIONS	-	To accommodate , UPS , Battery and meet required specification the size would be required 700mm (W)x 700 mm(D) . Suggested to make Dimensions - 600 mm (W) X 600 mm (D) minimum	Refer the corrigendum with technical Specifications, UPS with BB will be separate as per revision
73	Section 10	Annexure A: TECHNICAL SPECIFICATIONS	-	The specification are as per Type I accessories of the TEC GR Standard No.: TEC 87060:2017. Please confirm	Please see revision
74	SECTION-10 SPECIAL TECHNICAL CONDITIONS , Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS	-	UBR Specifications - Compliance - WPC, NSDTS and MTCTE certified	We request you to consider NSDTS certificate before supply and accept undertaking during bidding.	Please see preceding response. We are re-iterating the intent as below: The security of the Network is of paramount importance and hence it is non-negotiable. However, for wider competition, the bidder must produce "applied for" evidence along with undertaking at the time of bid submission for claiming the eligibility. These are mandatory certificates before deploying any network equipment in the network. Any delay in obtaining certification before deployment is non-negotiable compliance and will be treated nullification of the particular component in the invoice.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
75	SECTION-10 SPECIAL TECHNICAL CONDITIONS , Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS	-	UBR Specifications - Product proveness - Minimum 1 year to be considered from the date of ETA/MTCTE. Minimum 1K Links deployment in last 1 year on proposed product.	Please accept MTCTE certified model and remove minimum 1 year from the date of ETA / MTCTE. We also request you to consider same series in place of specific model.	For wider participations, Product proveness with ETA/MTCTE is considered. However, Minimum 1K Links deployment in last 1 year on proposed product is necessary for proven experience of the product on deliverable.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
76	10	X.Minimum Technical specifications for Uninterrupted Power Supply (UPS) System at GP	Type: Online , TEC GR 66160:2024 or latest updates (Release in June 2024)	<p>1. Please clarify requirement is online UPS.</p> <p>2. TEC GR 66160:2024 is applicable for HYBRID (AC + DC) UNINTERRUPTED POWER SUPPLY SYSTEM. Please confirm your requirement online UPS or hybrid UPS</p> <p>3. For online UPS, TEC certification is not mandatory. Instead, BIS certification is required under the Compulsory Registration Scheme (CRS). BIS Covers UPS under IS 16242 / IEC 62040. We request to remove TEC and mandatory BIS for UPS.</p>	<p>1. Online UPS.</p> <p>2. Please see revision</p> <p>For Online UPS, consider TEC 66140:2019 with latest amendments, if any.</p> <p>3. Certifications (BIS,ROHS, NABL or UL, CE, ISO) or equivalent are mandatory.</p>
77	10	TECHNICAL SPECIFICATIONS	UPS:TEC GR Standard No.: TEC 66140:2019 with latest amendments, if any	In page no 300, you are saying to refer TEC GR 66160:2024 which is differ from mentioned in Page no 282. please clarify	Pl see revision
78	10	X.Minimum Technical specifications for Uninterrupted Power Supply (UPS) System at GP	backup time: Minimum 6 Hrs with Full load	<p>1.Refernce page no 281- 2400VAH of Li-ion battery to be consider as per GR TEC 67060:2016.</p> <p>2. Reference page no 300- 6 Hr backup require on 500W full load. Based on industry standard 2400VAH may not sufficient.</p> <p>Kindly suggest on the same.</p>	Please see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
79	10	X.Minimum Technical specifications for Uninterrupted Power Supply (UPS) System at GP	Certification: ISO,BIS,UL,CE,VE	<p>1. Please clarify more regarding VE certificate</p> <p>2. UL is not mandatory for Indian market. It is require to export product in US. Insted of UL IEC guideline accepted universallly</p> <p>Hence, kindly consider relevent IEC standard</p>	Please see revision
80	10	X.Minimum Technical specifications for Uninterrupted Power Supply (UPS) System at GP	19. AVR(Auto Voltage Regulators): In built (6 stages)	<p>In point no. 1 - Type mentioned as online where as point no 19. mentioned -requirement of AVR with 6 stage. AVR comes with line interactive UPS (Offline).</p> <p>Please clarify on the type.</p>	Please see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
81	5	5.13.9 OTHER NETWORK O&M PARAMETERS	Existing GP Powerbackup/UPS having 1 KVA capacity with 2 hours back up, Bidder needs to upgrade it to achieve atleast minimum 8 Hours of Back up. This refresh needs to be done during the first quarter of the project only. The Uninterruptible Power Supply (UPS) should have the inbuilt functionality as a stabilizer. Further, if any issues arises such as the phase and neutral wires shorting out or any damage caused by voltage fluctuations, it will be the responsibility of the Project Implementing Agency (PIA) to handle it. This is to manage the uptime and ensure the network remains operational in power/electricity issues. Additionally, any need for extra wiring or other similar tasks will also fall under the scope and responsibility of the PIA.	<p>1. For this point need more clarity. Please provide details of existing UPS and battery capacity including the charging capacity of existing UPS.</p> <p>2. Which battery has to be consider VRLA/Lithium Battery.</p> <p>3. Please provide minimum VAH for 8 Hr backup</p>	<p>1) Existing GP Power backup/UPS having 1 KVA capacity with 2 hours back up</p> <p>2. Lithium-Ion Battery.</p> <p>3. As per ask 6 hour back and accordingly need to design by UPS OEM and refer UPS Specification at point no. X in Technical Specification.</p>
82	v) FACT SHEET	18 Method of Selection (Define)	Method of Selection (Define)	We request you to make L1 base selection only as this is EPC contract and to give fair evaluation keep it as L1 base only.	Please see revised RFP Clause

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
83	v) FACT SHEET	21.Performance Bank Guarantee	5 % of CAPEX, 5% of OPEX per package.	We request PBG to be released based on physical completion work completion percentage or keep it as 3 %	Pls see revision
84	2.1.1 BHARATNET PHASE I – PROJECT BACKGROUND	BHARATNET PHASE I – PROJECT BACKGROUND	Gujarat Phase-I	We request you to provide the actual rolled out network data GIS layout in KMZ format for better understanding with asset, inventory details.This will help in better planning of network and proposing Govt. for better solution and execution milestone	We have already provided all GP list with LGD code and asset details. We have given you 15 days time for survey on Page No.153 note i. Further, we advised to send authorized person for site visit. In case, any network confidential information is required, Please send your authorized person with NDA for better know-how.
85	2.1.2 BHARATNET PHASE II – PROJECT BACKGROUND	BHARATNET PHASE II – PROJECT BACKGROUND	Gujarat Phase-II	We request you to provide the actual rolled out network data GIS layout in KMZ format for better understanding with asset, inventory details. This will help in better planning of network and proposing Govt. for better solution and execution milestone	Repeated query, Pls see preceding response.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
86	Section-10	Annexure A / Sr. 7/Battery	TEC GR Standard No.: TEC 67030:2016 with latest amendments if any a. Lithium Ion Battery of 2400 VAH to be used.	We believe that the TSEC of Lithium-Ion batteries, as per TEC GR No. 67030:2024, is valid. Additionally, a battery capacity of 48V/50AH (2400Ah) is also acceptable. A similar solution has already been accepted in the BSNL BharatNet Phase-III project. Referring to this solution eliminates the need for OEMs to obtain multiple TSECs for Li-ion batteries. Kindly confirm	Please see revision
87	Section-10	Annexure A / Sr. 25/UPS	TEC GR Standard No.: TEC 66140:2019 with latest amendments, if any	We suggest to refer the HUPS TEC GR No. TEC 66160:2024 for this Tender with Inverter Rating 500VA. Referring to this solution eliminates the need for OEMs to obtain multiple TSECs for Li-ion batteries. Kindly confirm	Lithium Ion as per TEC GR No.67030:2024
88	Section-10	Annexure B	X. Minimum Technical specifications for Uninterrupted Power Supply (UPS) System at GP	We suggest to refer the HUPS TEC GR No. TEC 66160:2024 for this Tender with Inverter Rating 500VA. Referring to this solution eliminates the need for OEMs to obtain multiple TSECs for Li-ion batteries. Kindly confirm	Please see revision
89	Section-10	Annexure B	XIII. Rack at GP Locations	We suggest to refer technical specification of Rack at GP as defined in BSNL BharatNet Phase-III project. Common this solution eliminates the need for OEMs to obtain multiple TSEC of the product Kindly confirm	Please see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
90	Annexure B	IX	RFMS ports 24	<p>As per the previous BSNL project: BSNLCO-MMT/14(11)/3/2024-MMT: The required RFMS was based on 48 ports.</p> <p>BSNLCO-MMT/14(11)/34/2022-MMT: The required RFMS was based on 48 ports.</p> <p>We suggest that the remote test unit should be with either 16 port (or) 48 ports, housed within Half Rack size or 1 RU and consuming &lt;10W power, should support LC or SC connector types</p>	Please see in preceding responses



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
91	Annexure B	IX	The RFTS system will be able to provide alarm, alert notification, and automatic generation of customized reports to provide timely and valuable information on the fiber network health, availability, and provide historical trends of these performance indicators. This capability would be extended to Operation In-charge of each RTU location via web browser (Google chrome etc.) on mobile/tablet/laptop or any device which supports web browser (Google chrome etc.). The RFTS system must have a mobile application operating on android and iOS for remote P2P tests.	Please Clarify: 1. What are the minimum device requirements for accessing the system via a web browser? 2. What features does the mobile application provide for remote P2P tests?	The purpose of this investment on RFMS is to put in place right fibre supervision system with proper visualization and UX for ease of O&M. It is expected from the reputed RFMS to provide convenient interfaces in the form of web and mobile as well.
92	Annexure B	IX	Integrated cable Management System for Inside and outside plant. Optical Inventory Module for logical and Physical network for port-to-port connectivity, Route search and service provisioning	Please Clarify: 1. What is the purpose of the Integrated Cable Management System, and how does it support both inside and outside plant management? 2. How does the Optical Inventory Module manage logical and physical networks? What technologies are used for port-to-port connectivity tracking?	Please see preceding response

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
93	Annexure B IX Remote Fibre Management System (RFMS)	-	Ports: 24	Kindly amend it to 36 ports to enable more ports on the same system, this will give flexibility to monitor more fibers.	<p>Phase-I and new sub-block locations: New RFMS with 40 dB dynamic range and 24 ports are to be deployed for monitoring of Phase-I GP as per technical specifications mentioned in the bid.</p> <p>Phase-II GPs: It is the bidder's responsibility to monitor Ph-II GPs through existing RFMS till September 2027. Since notional capex is indicated in the computation of O&amp;M of the existing RFMS also and hence It is the responsibility of bidder to provide AMC and O&amp;M till the bidder is availing charges for the same. The GFGNL will enforce the past MAF given by the existing OEM (through past PIA) for as part of contractual obligations entered by the existing OEM and past PIA. In case of any glitches or problems in transition of paid AMC, then GFGNL with administrative responsibility will facilitate the new PIA at risk and cost of past PIA and past OEM. Since, It is the responsibility of bidder to provide new RFMS with remaining years of AMC, warranty and O&amp;M without any additional cost to the GFGNL till the end of the contract duration therefore in the event of any default situation during the transition then new PIA need to prepone the delivery, installation and commissioning in the beginning of the contract.</p>

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
94	Annexure B IX Remote Fibre Management System (RFMS)	-	Space in Rack: 2U	Kindly amend it to 1U, as this will save rack space for future expansion if more switch port needs to be added.	Preferably 1U.
95	Annexure B IX Remote Fibre Management System (RFMS)	-	Wavelength Supported: 1650 nm, 1550 nm, 1310 nm	Monitoring is done on one wavelength only, which would be applicable for both Dark and Live Monitoring. Kindly amend it to 1625 ± 4nm or 1650nm ± 4nm	Please see in preceding responses
96	Annexure B IX Remote Fibre Management System (RFMS)	-	Integrated cable Management System for Inside and outside plant. Optical Inventory Module for logical and Physical network for port-to-port connectivity, Route search and service provisioning	This requirement is more relevant for GIS Vendors so it must be in the scope of GIS Vendor not in RFMS Vendor Scope.  <b>We request to please amend it as below:</b> <b>The RFTS system must display map on the same screen along with alarm information.</b> <b>The Geographical positions of the faults and the cables in alarms must be highlighted on the map.</b>	Please see in preceding responses

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
97	Additional Important specification must be defined in RFMS requirement for completeness of System:	-	-	-	Question is not clear.
98	Annexure B IX Remote Fibre Management System (RFMS)	-	Number of Data points: $\geq 512,000$	For Accurate Distance Resolution to find out the Location of Fault/Length/Events Like Connector and Splices so kindly amend this point	The RFMS is to be provided with accurate distance resolution as specified in the RFP for tolerance permissible limit which is the basic purpose for the investment on RFMS.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
99	Annexure B	IV.2	MTCTE, NCCS	<p>We request you to consider that the OEM should have applied for the TSEC (QF-103) / MTCTE and NCCS.</p> <p>The proof of the same should be submitted at the time of Bidding and should obtain the Certificate before issuance of the APO / WO.</p>	Repeat query
100	Annexure B	IP-MPLS Block Router IV.4	<p>For Switching capacity <math>\geq 300</math>Gbps</p> <ul style="list-style-type: none"> <li>• 3 ports of 100G (Pluggable will be in scope of bidder as per solution design),</li> <li>• 16 ports of 10G (Pluggable will be in scope of bidder as per solution design),</li> <li>• 6 ports of 1G/10G (Pluggable will be in scope of bidder as per solution design),</li> </ul>	<p>The Number Interface requirements (3 * 100G + 16 * 10G + 6 * 1G/10G) versus the Switching Capacity requirements (300Gbps) does not match.</p> <p>So, either request you to modify the Interface requirements (2 * 100G + 10 * 1G/10G) or change the Switching Capacity (800Gbps)</p>	Pls see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
101	-	-	<p>For Switching capacity <math>\geq 800</math>Gbps</p> <ul style="list-style-type: none"> <li>• 4 ports of 100G or 4 ports of 200G or 2 ports of 400G (Pluggable will be in scope of bidder as per solution design),</li> <li>• 18 ports of 10G/25G (Pluggable will be in scope of bidder as per solution design),</li> <li>• 6 ports of 1G/10G (Pluggable will be in scope of bidder as per solution design),</li> </ul>	<p>We request you to consider and modify the 10G / 25G Interace requirement to 12 ports of 10G/25G.</p>	<p>Pls see revision</p>
102	-	IP-MPLS Block Router IV.9	<p>Space Requirements: 2 RU (Rack Unit)</p>	<p>Request you to modify the space requirement for the Block Router as 2RU or Chassis.</p>	<p>Pls see revision</p>
103	-	Technical Specifications for EMS of Routers V.1	<p>System Architecture Distributed, scalable, and modular architecture with centralized management for <b>multi-vendor devices</b>.</p>	<p>As you may be aware that the EMS shall Manage the respective OEM Products and the NMS Manages <b>Multi-vendor devices</b>. So, this feature should be part of NMS not EMS.</p> <p>We understand that GFGNL already has the NMS and the OEM EMS can be integrated to NMS via North Bound Interface (NBI).</p> <p>Please confirm.</p>	<p>Yes. The NEs in the network communicate with their respective EMS. The NE-specific EMS is communicated via standard protocol, through the northbound interface to a higher-level NMS that provides integrated multivendor network management.</p>

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
104	-	V.8	Inventory Management Comprehensive tracking of hardware and software resources with versioning and <b>lifecycle management</b> .	As you may be aware that the <b>Life cycle management</b> will be part of the NMS or third party application feature. So, this feature should be part of NMS not EMS.  We understand that GFGNL already has the NMS and the OEM EMS can be integrated to NMS via North Bound Interface (NBI).  Please confirm	Yes, We will provide NMS. The EMS will be integrated with NMS. The Life cycle management is also part of NMS. However, on standalone basis, the EMS should support the basic architecture and functionality to seamlessly provide and exchange information with NMS.
105	-	V.9	Notifications and Alerts Configurable alerts via SMS, email, and push notifications for critical events, with <b>escalation mechanisms</b> .	As you may be aware that the <b>Escalation Mechanisms</b> will be part of the NMS or third party application feature. So, this feature should be part of NMS not EMS.  We understand that GFGNL already has the NMS and the OEM EMS can be integrated to NMS via North Bound Interface (NBI).  Please confirm	Yes, We will provide NMS. The EMS will be integrated with NMS. Escalation feature is also part of NMS. However, on standalone basis, the EMS should support flexible multi-level escalation policies with easy GUI/console configuration. It should allow criteria-based incident handling, enable manual or automated call assignments, send notifications via email, web, etc., and maintain incident records
106	-	V.12	Platform Compatibility Cross-platform support for Linux and Windows, compatible with virtualized and cloud-based environments.	We assume that the EMS software can be installed in a virtualized and cloud-based environment. Please confirm.	The IT and Non-IT infrastructure for hosting EMS is the responsibility of GFGNL. The compute (VM) and storage of S-NOC will be provided by the GFGNL. The EMS and associated software including OS, RDBMS and other licenses in the name of GFGNL are in the scope of bidder without any additional cost to GFGNL.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
107	-	V.13	Reporting Customizable and pre-defined reports on network performance, fault trends, <b>SLA compliance</b> , and inventory.	We assume SLA compliance functionality is part of the NMS/Third-party applications.  Please confirm	Yes, We will provide NMS. The EMS will be integrated with NMS. SLA computation is also part of NMS. However, on standalone basis, SLA computation related to EMS associated device shall generate SLA reports based on performance parameter MIBs in network elements and support threshold violation alarms.  It shall provide tools for monitoring and tracking services under SLA for service assurance. Additionally, it shall automate service achievement calculations and generate management and operational reports for both SLA and non-SLA services.
108	-	V.19	User Interface Intuitive, web-based GUI with customizable dashboards, multilingual support, and role-specific access.	We request you to specify the customizable dashboards requirement.  We request you to make Multilingual support feature as Optional.	The EMS shall provide an executive dashboard displaying service desk KPIs through graphs and charts. It shall support a flexible, user-customizable interface for detailed or holistic system views and allow a summary view of all dashboards across the enterprise.
109	-	VI. Technical Specifications for Mini-OLT VI.1	Compliance TEC/GR/FA/PON-002/02/NOV-18 Standard with latest amendments if any	We request you to include that the OEM should have TSEC certificate against the TEC GR or should have applied or the same.  The proof of the same should be submitted at the time of Bidding and should obtain the Certificate before issuance of the APO / WO.	Please see preceding response. We are re-iterating the intent as below: The functionality product is critical for delivering the last mile services and hence it is non-negotiable. However, for wider competition, the bidder must produce "applied for" evidence along with undertaking at the time of bid submission for claiming the eligibility.  These are mandatory certificates before deploying any network equipment in the network. Any delay in obtaining certification before deployment is non-negotiable compliance and will be treated nullification of the particular component in the invoice.



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
110	-	VI.9	Backplane Bandwidth (Gbps): 64 Gbps	Based on the Uplink (VI.4) & PON (VI.5) Interface requirements, the backplane capacity requirement comes to 40Gbps.  So, we request you to modify "The minimum Backplane Bandwidth requirement as 44 Gbps".	Please see revision
111	-	VI.21	Power Consumption: Up to 30W	We request you to modify the Power Consumption requirement "up to 45W".	Please see revision
112	-	VII. Technical Specifications For ONT VII.6	Others: Dual band Wi-Fi 6 supports ONT	We request you to specify the Wi-Fi 6 should support AX-1800 or AX-3000 or AX-3600	Please see principles mentioned in preceding responses

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
113	-	XIII.	Rack at GP Locations	<p>We request you to consider Smart Rack for the Block &amp; GP Locations and include the following Smart Rack features</p> <ul style="list-style-type: none"> <li>- Electromagnetic spring loaded metal lock with 9 digit electronic (The password for access control system can be remotely reset by a Super User at NOC. In case of unauthorized access of cabinet or wrong password is entered, a notification will be sent to the NOC and after three failed attempts, the password will be disabled).</li> <li>- A hidden tamper proof camera to capture a snapshot every time the door is opened and continues to take snapshots at every 5 minutes for one hour and thereafter every 15 minutes until the door is closed and sends the snapshot to NOC, where it is stored for at least 15 days backup.</li> <li>- Temperature Sensors to monitor Inside &amp; Outside temperatures,</li> <li>- Humidity Sensor,</li> <li>- Water logging,</li> <li>- Fan fail,</li> <li>- Water leakage from top,</li> <li>- Fire detection,</li> <li>- Door open/unauthorized access monitoring to manage the SLA,</li> </ul>	Please see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
114	(v) FACT SHEET	(v) FACT SHEET : Point No 18 -> Method of Selection(P age 17)	(v) FACT SHEET : Point No 18 -> Method of Selection(Page 17)	Method Of Selection ---- Going by the QCBS process in detail, it is a arbitrary method hence same needs to be removed. In order to verify the OEM's capabilities and readiness of the product, a tangible and measurable technical PoC of the product to be supplied is a better option and same should be done as a technical qualification criteria before opening financial bid.	Please see revised RFP Clause
115	SECTION-3 ELIGIBILITY CRITERIA	Point No 6.1 MAF(Page 37&38)	Copy of valid Technical Specification Evaluation Certificate (TSEC) / Type Approval Certificate or copy of Application for fresh TSEC/TAC as applicable from each OEM whose products are being quoted by the Bidder	Please ammend clause as "Copy of Type Approval Certificate given by Telecom Engineering Centre (TEC)/ TSEC issued by the Quality Assurance Circle of BSNL or proof of having applied for TAC/ TSEC (Copy of Form-B/ Form QF-103 of offered product be attached) from each OEM whose products are being quoted by the Bidder". Recently, even in the BSNL Tender (Tender No. MM/BNO&M/BN-III/T-791/2024 issued on 15.02.2024) for BharatNet Ph-III (where morethan 1,60,000 nos of GPs to be connected), proof of having applied for TAC/ TSEC (Copy of Form-B/ Form QF-103 of offered product be attached) from each OEM whose products are being quoted by the Bidder at the time of bidding".	Refer the revised Criteria mentioned in Corrigendum

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
116	SECTION-3 ELIGIBILITY CRITERIA	3.2 TECHNICAL QUALIFICATION CRITERIA (Page 46 to 49)	TECHNICAL QUALIFICATION CRITERIA (Page 46 to 49)	<p>(1) Make in India policy of Govt of India is not fulfilled due to QCBS. Recently issued Make in India policy (i.e Guideline &amp; Gazette notification) issued by DPIIT, Govt of India letter No P-45021/2/2017-PP-(BE-II)-Part(4) Vol-II of dt. 19.07.2024 &amp; Department of Telecommunication Gazette No 300 issued vide letter No CG-DL-E-22102024-258138 of dt. 22.10.2024, purchaser has to take supply from Class-I supplier only.</p> <p>(2) As per the DoT gazette notification (Copy attached) clause no 11, "The condition of prior turnover and prior experience may be relaxed for Start-ups (registered by Department for Promotion of Industry and Internal Trade), provided that the Start-up meet the necessary quality &amp; technical specifications" and</p> <p>(3) as per clause no 12 "To support and promote indigenous technologies, Proof of Concept (PoC) may be included in tenders and RFPs as a substitute for qualifying experience, wherever applicable".</p> <p>Hence, whole QCBS is required to be scrapped as QCBS evaluation</p>	Refer the revised Criteria mentioned in Corrigendum

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
				process is violating the Make in India guidelines.	

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
117	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS	IV. Technical Specifications for Routers (Page 286 - 287)	Point 4 : Ports, Interfaces, Wavelength Distance Criteria	As per TEC GR 48050:2024, GFGNL should have ask for modular type (Chassis based) of IP-MPS routers instead of Non-Chassis based routers as in the modular IP-MPLS routers FAN,Power Unit, Control Cards & Interface cards are redundant & Hot Swappable. Hence, modular equipments will improve uptime of the network. Details of benefits Chassis based & Non Chassis based routers are attached.	Pls see revision
118	(v) FACT SHEET	Point No 8 -> Date of response to Bidder Queries(Page 16)	: Within 15 days from the date of pre-bid conference. Note: The Purchaser shall not be obligated to respond to any or all the queries. The Purchaser may, at its sole discretion, choose to publish responses to the pre-bid queries and /or any corrigendum on Central Public Procurement portal <a href="https://eprocure.gov.in/eprocure/">https://eprocure.gov.in/eprocure/</a> app or may send through email or any other means	The Purchaser shall not be obligated to respond to any or all the queries. ----- Sentence to be deleted.	As per RFP. However Queries raised by the interested parties are to be answered with best of the knowledge, suggestion are to be considered in best possible ways.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
119	SECTION-4 INSTRUMENTS TO BIDDERS	4.30 OWNERSHIP OF EQUIPMENT (Page No 65)	<p>(i) The Tenderer shall own the services and items supplied by the PIA arising out of or in connection with this Contract only after the date of 100% Go- Live. In case of theft/physical damage (Repair not possible -RNP) to the Network components / equipment, the equipment shall be replaced on PIA's cost till full 100% Go-live and at Tenderer's cost after full 100% Go-live.</p> <p>ii. The asset(s) so created shall be a National Asset fully owned by the Government of India, and held on its behalf by GFGNL. At end of the contract period, the ownership of complete ring OFC including consisting of associated services which includes active and passive network components supplied during entire contract duration shall be passed on to GFGNL in working conditions according to contract agreement.</p>	Theft cases required to be handled by GFGNL only as premises is owned by Govt of Gujarat. In case of theft, OEM should provide equipment on chargeable bases.	<p>As per the RFP, The Tenderer shall own the services and items supplied by the PIA arising out of or in connection with this Contract only after the date of 100% Go- Live. In case of theft/physical damage (Repair not possible -RNP) to the Network components / equipment, the equipment shall be replaced on PIA's cost till full 100% Go-live and at Tenderer's cost after full 100% Go-live. Insurance to take by the bidder to take care of such events.</p> <p>In case of theft/physical damage (Repair not possible -RNP) to the Network components / equipment, the Network component/ equipment shall be replaced with equivalent or higher configuration/Capacity by selected Bidder.</p> <p>Lodging of FIR will be done by the selected bidder and same to be submitted to GFGNL by PIA for reference.</p>
120	SECTION-3 ELIGIBILITY CRITERIA	Note 2, Consortium Criteria: Point No 6(e), Page 42	GFGNL shall have the rights to release payments solely to the Lead Member and shall not in any manner be responsible or liable for the inter se allocation of payments among members of the Consortium.	GFGNL shall allow escrow account for smooth execution of the project.	It is already incorporated in the RFP. Refer Eligibility Criteria section Clause 3.1 PRE-QUALIFICATION CRITERIA, Note 2: Consortium Criteria: 6(f) on same page.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
121	SECTION-4 INSTRUCTIONS TO BIDDERS	4.22 COURT JURISDICTION (Page 61)	This Contract/ PO/WO is subject to jurisdiction of Court at New Delhi	The clause to be modified as "This Contract/ PO/WO is subject to jurisdiction of Court at Gandhinagar/Ahmedabad".	Pls see revision
122	SECTION-3 ELIGIBILITY CRITERIA	3.1 PRE-QUALIFICATION CRITERIA, Point No (vii)(6) MAF:	<p>Documentary Proof (two contradictory remarks are mentioned)</p> <p>(1) The Bidder or the lead member (in case of Consortium) should submit valid Manufacturer Authorization Form (MAF) from maximum one(1) for all passive components (Like, (all types of OF Cables, Duct, Joint Closures (SJC &amp; BJC), FDMS &amp; FTB) and up to maximum one (1) OEMs for all active components (Routers, RFMS, UPS &amp; Racks).</p> <p>(2) In order to meet the delivery timelines, the successful bidder can procure and supply the material from one or more quoted OEMs in any combination.</p>	Kindly clarify, which is correct? Remark (1) or Remark (2)	Refer the revised Criteria mentioned in Corrigendum



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
123	Annexure B IX Remote Fibre Management System (RFMS)	Page No 298	Ports: 24	Kindly amend it to 36 ports to enable more ports on the same system, and ensure that the network is planned more efficiently	Please see in preceding responses
124	-	Page No 298	Space in Rack: 2U	Kindly amend it to 1U, as this will save space for other equipment	Preferably 1U.
125	-	Page No 298	Wavelength Supported: 1650 nm, 1550 nm, 1310 nm	Monitoring is done on one wavelength only, which would be applicable for both Dark and Live Monitoring. Kindly amend it to $1625 \pm 4\text{nm}$ or $1650\text{nm} \pm 4\text{nm}$	Please see in preceding responses
126	-	Page No 299	Integrated cable Management System for Inside and outside plant. Optical Inventory Module for logical and Physical network for port-to-port connectivity, Route search and service provisioning	This Clause is more relevant for GIS Vendors, so it must be in the scope of GIS Vendor not in RFMS Vendor Scope. <b>We request to please amend it as below</b>  The RFTS system shall also display map on the same screen along with alarm information. The Geographical positions of the faults and the cables in alarms shall be highlighted on the map.	Please see in preceding responses

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
127	Additional Important Feature Must be Incorporated for Completeness of RFMS System	-	Number of Data points: ≥512,000	For Accurate Distance Resolution to find out the Location of Fault/Length/Events Like Connector and Splices so kindly amend this point	The RFMS is to be provided with accurate distance resolution as specified in the RFP for tolerance permissible limit which is the basic purpose for the investment on RFMS.
128	-	-	-	-	Question is not clear.
129	Additional Important Product must be Incorporated for Completeness of the project	-	Electronic RFID Marker : For any underground utility Marking is most essential part so electronic Route Marker has to be added to keep safe the Fiber asset	The RFID Marker must be TEC approved against the TSEC GR No.TEC/GR/TX/TIE-07/02 MAR -2014 or latest	Supply is as per applicable TEC if supplied as an alternative option for the better network O&M

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
130	-	-	PLACEMENT OF ELECTRONIC MARKERS	At every 200 mtrs intervals and all the special points defined as Joints, Bends, Buried service drops, Buried Transformers, Conduit stubs, Manhole covers and Road & Railway crossings, any other crossing, T Points, Diversion points, identification of parallel/specific cable/connection routes.	Supply is as per applicable TEC if supplied as an alternative option for the better network O&M
131	10	<b>Annexure A:</b> TECHNICAL SPECIFICATIONS TEC-GR Standards list:	<b>7. Battery :</b> TEC GR Standard No.: TEC 67030:2016 with latest amendments if any a. Lithium Ion Battery of 2400 VAH to be used.	TEC GR Standard No.: TEC 67030: <b>2024</b> with latest amendments if any a. Lithium Ion Battery of 2400 VAH to be used.	Please see revision
132	10	<b>Annexure A:</b> TECHNICAL SPECIFICATIONS TEC-GR Standards list:	<b>25. UPS :</b> TEC GR Standard No.: TEC 66140:2019 with latest amendments, if any	TEC GR Standard No.: TEC 66140: <b>2024</b> with latest amendments, if any	Please see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
133	10	<b>Annexure B</b> :TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS <b>X.</b> Minimum Technical specifications for Uninterrupted Power Supply (UPS) System at GP Functional Req.	<b>2. Technology</b> :Rectifier with double conversion	As per GR Standard No.: Rectifier with double conversion means PFC+DC/DC Conversion, if any other please clarify?	Please see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
134	10	<b>Annexure B</b> TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS <b>X.</b> Minimum Technical specifications for Uninterrupted Power Supply (UPS) System at GP Functional Req.	<b>3. Backup time</b> :Minimum 6 Hrs with Full load	As Tender has defined 500Watt load and Battery capacity 2400 Vah, so 6 Hr backup with full load is another contradicting to said Load and Capacity of battery already defined; If, 500W load x 1.1 (eff.) x 6 hr load the capacity would 3300 VAH so please clarify	Please see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
135	10	<b>Annexure B</b> :TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS <b>X.</b> Minimum Technical specifications for Uninterrupted Power Supply (UPS) System at GP Functional Req.	4. Load :500 Watt	Consider as UPS output Load	Please see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
136	10	<b>Annexure B</b> :TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS <b>X.</b> Minimum Technical specifications for Uninterrupted Power Supply (UPS) System at GP Functional Req.	<b>5. Capacity : 1KVA</b>	Consider as Rectifier Capacity	Please see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
137	10	<b>Annexure B</b> :TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS <b>X.</b> Minimum Technical specifications for Uninterrupted Power Supply (UPS) System at GP Functional Req.	<b>10. Crest Factor:</b> 3:01	May please clarify in details	Please see revision



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
138	10	<b>Annexure B</b> TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS <b>X.</b> Minimum Technical specifications for Uninterrupted Power Supply (UPS) System at GP Functional Req.	<b>18. AVR(Auto Voltage Regulators):</b> In built (6 stages)	May please clarify in details	AVR removed

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
139	10	<b>Annexure B</b> :TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS <b>X.</b> Minimum Technical specifications for Uninterrupted Power Supply (UPS) System at GP Functional Req.	<b>21. Certification</b> :ISO,BIS,UL,CE,VE	As product complied as per GR TEC 66140:2024 so these certificate not required, please clarify	Please see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
140	10	<b>Annexure B</b> :TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS <b>X.</b> Minimum Technical specifications for Uninterrupted Power Supply (UPS) System at GP Functional Req.	<b>28. Recharge time</b> : 6 to 8 Hrs in Offline mode	Need clarify the offline mode	Please see revision
141	SECTION- 10: SPECIAL TECHNICAL CONDITIONS Annexure-A	III. Technical Specifications for FDMS	Heading IV. Space (48 fibres per 1U )	Accommodating 48 fibers in a 1U space is not possible; We recommend to opt for 2U Space for the same.  Kindly confirm.	As per TEC GR

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
142	SECTION- 10: SPECIAL TECHNICAL CONDITIONS Annexure-A	III. Technical Specifications for FDMS	Heading V. Connector Type ( LC-PC/SC-APC )	Accommodating 48F Connectors in LC-PC/ SC-APC in a 1U space is not possible; We recommend to opt for 2U Space for the same.  Kindly confirm.	As per TEC GR
143	SECTION- 10: SPECIAL TECHNICAL CONDITIONS Annexure-A	III. Technical Specifications for FDMS	Heading VI. Material ( Steel & aluminium powder coated )	The Material used in FDMS Should be Steel/Aluminium Powder Coated instead of Steel & Aluminium Powder Coated.  Please confirm.	As per clarification sought
144	Section -3- Eligibility Criteria	3.1 PRE-QUALIFICATION CRITERIA- Company Turnover ( Page No-32)	2.1 The Sole Bidder should have an average annual turnover of at least following values in last three (3) audited financial years ( FY 2021-22, FY 2022-23, and FY 2023-24 ) solely generated from the business of OFC Business/ ITeS / Telecom Networking field only, • Rs 1250 Crores for Package A • Rs 1250 Crores for Package B	Since the Bid Submission is happening on the end of the financial year, we request you to include FY 2024-2025,	Refer the revised Criteria mentioned in Corrigendum

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
145	Section -3- Eligibility Criteria	3.1 PRE-QUALIFICATION CRITERIA- Company Turnover( Page No-32)	2.1 The Sole Bidder should have an average annual turnover of at least following values in last three (3) audited financial years ( FY 2021-22, FY 2022-23, and FY 2023-24 ) solely generated from the business of OFC Business/ ITeS / Telecom Networking field only, <ul style="list-style-type: none"> <li>Rs 1250 Crores for Package A</li> <li>Rs 1250 Crores for Package B</li> </ul> In Case Of Consortium: Lead bidder(in case of consortium) should have average annual turnover as per following in last three audited financial years ( FY 2021-22, FY 2022-23, and FY 2023-24 ) solely generated from the business of OFC deployment/ Telecom Networking / ITeS field only Only one consortium partner is allowed.	Kindly define and clarify Telecom Networking field.	Refer the revised Criteria mentioned in Corrigendum
146	Section -3- Eligibility Criteria	3.1 PRE-QUALIFICATION CRITERIA- Company Turnover( Page No-32)	Note : 2. One sole or lead bidder can bid for only one package	We request you to amend the clause as below: 2. One sole or lead bidder along with the Consortium partner can bid for <del>only one</del> <b>both the</b> packages	Refer the revised Criteria mentioned in Corrigendum

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
147	Section -3- Eligibility Criteria	3.1 PRE-QUALIFICATION CRITERIA- Company Turnover( Page No-33)	Note: 1. In case the sole bidder or a Lead bidder (in case of Consortium) desires to bid for both of the packages then the bidder must have average annual turnover criteria (sum of 100% of highest and 25% of other package above financial value) i.e., for the last three audited financial years ( FY 2021-22, FY 2022-23, and FY 2023-24 )	Our understanding is that Lead bidder (in case of Consortium) should have the turnover of 940 crores for bidding any one of the Packages & 1097 Crores turnover for bidding one package as lead bidder and other package as Consortium Partner to the Lead bidder, Kindly Confirm	Refer the revised Criteria mentioned in Corrigendum
148	Section -3- Eligibility Criteria	3.1 PRE-QUALIFICATION CRITERIA- Company Turnover( Page No-33)	4. The lead bidder of one package is allowed to participate in only one package. However, Participation as a consortium member being a project experience partner in another package with other lead partner is allowed.	Our understanding is that Lead bidder A (in case of Consortium) along with Consortium partner B can bid for Package A & Consortium Partner B of Package A can be a Lead bidder for Package B along with Lead bidder A of Package A being his Consortium Partner for Package B, Kindly Confirm	Refer the revised Criteria mentioned in Corrigendum

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
149	Section -3- Eligibility Criteria	3.1 PRE-QUALIFICATION CRITERIA - Experience ( Page No-34)	For Optical Fibre: The Bidder should have experience of Laying, Installation, Testing and Commissioning of EPC Based Optical Fibre Cable (Underground), Duct and accessories as mentioned below in last 10 Years, as on this bid submission date: One Package: 8,000 Kms Two Package: 15,000 Kms In case the bidder desires to bid for both packages then the bidder must have experience of 10,300 Kms, in Laying, Installation, Testing and Commissioning of Optical Fibre Cable (Underground), Duct and accessories in last 10 Years as on bid submission date.	The first part of the Clause gives us the understanding that the sole bidder or lead bidder along with the Consortium Partner can bid for both the packages without any limitation, Kindly Clarify	Refer the revised Criteria mentioned in Corrigendum

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
150	Section -3- Eligibility Criteria	3.1 PRE-QUALIFICATION CRITERIA - Experience ( Page No-34)	For Optical Fibre: The Bidder should have experience of Laying, Installation, Testing and Commissioning of EPC Based Optical Fibre Cable (Underground), Duct and accessories as mentioned below in last 10 Years, as on this bid submission date: One Package: 8,000 Kms Two Package: 15,000 Kms In case the bidder desires to bid for both packages then the bidder must have experience of 10,300 Kms, in Laying, Installation, Testing and Commissioning of Optical Fibre Cable (Underground), Duct and accessories in last 10 Years as on bid submission date.	The Second part of the Clause gives us the understanding that the sole bidder or lead bidder along with the Consortium Partner can bid for both the packages with an Experience of 10300 Kms,in Laying, Installation, Testing and Commissioning of Optical Fibre Cable (Underground), Duct and accessories in last 10 Years as on bid submission date. Kindly Confirm	Refer the revised Criteria mentioned in Corrigendum



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
151	Section -3- Eligibility Criteria	3.1 PRE-QUALIFICATION CRITERIA - Experience ( Page No-34)	For Optical Fibre: The Bidder should have experience of Laying, Installation, Testing and Commissioning of EPC Based Optical Fibre Cable (Underground), Duct and accessories as mentioned below in last 10 Years, as on this bid submission date: One Package: 8,000 Kms Two Package: 15,000 Kms In case the bidder desires to bid for both packages then the bidder must have experience of 10,300 Kms, in Laying, Installation, Testing and Commissioning of Optical Fibre Cable (Underground), Duct and accessories in last 10 Years as on bid submission date.	The Second part of the Clause is Contradicting in terms of the quantities with the first part of the clause and multiple other sections of the tender document, We request you to rectify the typo error in first part of the clause.	Refer the revised Criteria mentioned in Corrigendum

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
152	Section -3- Eligibility Criteria	3.1 PRE-QUALIFICATION CRITERIA - Experience ( Page No-34)	For Optical Fibre: The Bidder should have experience of Laying, Installation, Testing and Commissioning of EPC Based Optical Fibre Cable (Underground), Duct and accessories as mentioned below in last 10 Years, as on this bid submission date: One Package: 8,000 Kms Two Package: 15,000 Kms In case the bidder desires to bid for both packages then the bidder must have experience of 10,300 Kms, in Laying, Installation, Testing and Commissioning of Optical Fibre Cable (Underground), Duct and accessories in last 10 Years as on bid submission date.	For Optical Fibre: The Bidder should have experience of Laying, Installation, Testing and Commissioning of EPC Based Optical Fibre Cable (Underground), Duct and accessories as mentioned below in last 10 Years, as on this bid submission date: One Package: 8,000 Kms Two Package: 15,000 Kms In case the bidder desires to bid for both packages then the bidder must have experience of 10,300 Kms, in Laying, Installation, Testing and Commissioning of Optical Fibre Cable (Underground), Duct and accessories in last 10 Years as on bid submission date.	Refer the revised Criteria mentioned in Corrigendum
153	Section -3- Eligibility Criteria	3.1 PRE-QUALIFICATION CRITERIA - Experience ( Page No-36)	Note-5: If a bidder falls short of the EPC requirement through underground OFC- implementation, upto 40% of the EPC requirement can also be met through EPC work of 24 or more core Aerial Fiber Cables (deployed in BharatNet by BBNL or state SPV)/ ADSS/ OPGW OFC.	We request you to ammend the clause as requested below: Note-5: If a bidder falls short of the EPC requirement through underground OFC- implementation, upto <b>60%</b> of the EPC requirement can also be met through EPC work of 24 or more core Aerial Fiber Cables (deployed in BharatNet by BBNL or state SPV)/ ADSS/ OPGW OFC.	Refer answer in query above

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
154	Section -3- Eligibility Criteria	3.1 PRE-QUALIFICATION CRITERIA - Experience ( Page No-36)	<p>Note-6: If any project has been executed in the consortium, the lead bidder and the consortium partners can use the same project experience for qualification individually, if not participating as the partner of same consortium. If they are participating as the consortium partners, then the experience shall be considered only once. However, other than consortium experience, the experience from any type of joint execution, like “teaming agreement, sub-contracting (including any EPC partnerships), backend partnership” shall not be considered.</p>	<p>If the lead bidder and consortium partner are part of different consortium's then in this scenario the past experience will be counted for the Lead bidder of the past experience or to the consortium partner of the past experience , Kindly Clarify</p>	<p>The Experience counted once of any entity cannot be counted again, in case, participating in multipackage. The bidder has to clearly mention package wise distinct experience for claiming eligibility.</p>

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
155	Section -3- Eligibility Criteria	3.1 PRE-QUALIFICATION CRITERIA - MAF ( Page No-37)	6.1 The Sole Bidder or lead Bidder (in case of consortium) should submit valid letter from each of the OEM (one and only one OEM for each component) - confirming the following: OEM shall ensure that all equipment/components/sub-components being supplied by them shall be supported for entire contract period. If the same is de-supported by the OEM for any reason whatsoever, The bidder shall replace it with an equivalent or better substitute that is acceptable to Tenderer without any additional cost to the Tenderer and without impacting the performance of the solution in any manner whatsoever. In case replacement with a product from an OEM other than the OEMs proposed by the bidder prior approval from GFGNL will be required.	We request you to permit minimum 3 OEMS to be quoted for each component, this arrangement is required for a highly competitive bid, Timely supply of materials, limit Monopoly & Price escalations. The above Multi OEM Quotes for a system Integrator is permitted in Bharath Net Tenders.	Refer corrigendum with revised Eligibility Criteria section

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
156	Section -3- Eligibility Criteria	3.1 PRE-QUALIFICATION CRITERIA - Note -1 - II ( Page No-39)	In case of any bidder is quoting the active equipment from multiple OEMs in such case the bidder shall ensure that all quoted equipment should meet the Interoperability requirement for smooth network operations. There shall be no exclusion/ relaxation in SLA/ penalties on this account.	We request you to ammend the clause as requested below: 6.1 The Sole Bidder or lead Bidder (in case of consortium) should submit valid letter from each of the OEM ( <del>one and only one OEM for each component</del> ) Maximum 3 OEMS only for each Component, Inline with the Note reference.	Clause Revised, Refer corrigendum with revised Eligibility Criteria section
157	Section -3- Eligibility Criteria	3.1 PRE-QUALIFICATION CRITERIA - Notes -1 - IX -1 ( Page No-41)	For OFC items, the support guarantee by OEM shall be for the implementation phase only.	Since we have to manage the project for 10 years the OEM Guarantee and Warranty should be for the 10 years Period, Hence we request you to amend the clause accordingly.	Refer the revised Criteria mentioned in Corrigendum
158	Section -3- Eligibility Criteria	3.1 PRE-QUALIFICATION CRITERIA - Notes -1 - IX -2 ( Page No-41)	OEM shall ensure that all components/sub- components being supplied by them shall be supported for the entire implementation period (Capex period)	Since we have to manage the project for 10 years the OEM Guarantee and Warranty should be for the 10 years Period, Hence we request you to amend the clause accordingly.any Challenges in interfacing and integration or updates and upgrades will be a challenge in O&M	Refer the revised Criteria mentioned in Corrigendum

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
159	Section -3- Eligibility Criteria	3.1 PRE-QUALIFICATION CRITERIA - Note -2 -2 ( Page No-42)	Only One Consortium is allowed. Consortium shall be not exceed more than two(2) including the lead bidder. And it should be any of the active component's OEM till the entire contract duration and act as a key knowledge partner.	As a Industry standard Practice OEMs will not come into Consortium agreements due to their Legal limitations and company policies further they lack the project delivery experience on a turnkey basis and financial investement in the project, Hence we request you to amend the clause.	Refer the revised Criteria mentioned in Corrigendum
160	Section -3- Eligibility Criteria	3.1 PRE-QUALIFICATION CRITERIA - Note -3 -2 ( Page No-43)	However, for the transport equipment's, The bidder shall supply only such network equipment which, had those equipment been supplied for any defense communication project in India, would have been acceptable to the Indian defense authorities.	The required clause will increase the cost of the component and the overall cost of the project, Limited options of Transport equipment Vendor, restricting MSE & MSME OEMs to participate in the Tender, Hence we request you to amend the clause accordingly.	Refer the revised Criteria mentioned in Corrigendum
161	Section -3- Eligibility Criteria	3.2 TECHNICAL QUALIFICATION CRITERIA ( Page No 46)	Minimum qualified score from technical qualification to become eligible for next stage of financial bid opening will be 70 marks for bidders. Bidders are requested to provide document for evaluation and marking as defined in Section Eligibility Criteria.	QCBS based Technical qualification criteria is not practised & followed in all Barathnet tenders Hence we request you to remove Technical qualification criteria 70 marks for the bidders, In case the QCBS need to retained then the scoring should be on absolute approach basis with the change in measuring Parameters	Refer the revised QCBS Criteria mentioned in Corrigendum

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
162	Section -3- Eligibility Criteria	3.2 TECHNICAL QUALIFICATION CRITERIA ( Page No 46)	Minimum qualified score from technical qualification to become eligible for next stage of financial bid opening will be 70 marks for bidders. Bidders are requested to provide document for evaluation and marking as defined in Section Eligibility Criteria.	Since the Bid being QCBS based approach the H1 bidder ( Technically Highest score ) will have any commercial advantage in the overall calculation ie H1 ( Technical + Commercial ) Kindly Clarify.	Refer the revised Criteria mentioned in Corrigendum
163	Section -3- Eligibility Criteria	3.2 TECHNICAL QUALIFICATION CRITERIA SL NO-1 ( Page No 47)	Experience Capability: Bidder Should have executed at least one (1) Networking Projects with Supply, Installation, Testing, Commissioning (SITC) or O&M of in last 8 Years with minimum value For each Project worth $\geq$ 1000 Cr : 5 Marks For each set of 2 projects worth $\geq$ 750 Cr: 3 Marks	Since the required quantity is aggregated over a period of 10 years, we request you to amend this clause on the basis of Turnover in the FY 2022-2023, FY 2023-2024 & FY 2024-2025 from the Telecom business.	Refer the revised Criteria mentioned in Corrigendum

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
164	Section -3- Eligibility Criteria	3.2 TECHNICAL QUALIFICATION CRITERIA SL NO-3 ( Page No 47)	<p>Offered Product Portfolio (will be as part of contract):</p> <ul style="list-style-type: none"> <li>• Passive Component (Supplied quantity in last 3 years, Manufacturing capacity, Delivery commitment in Gujarat, Service support)</li> <li>• Active Component (Past supplies of offered family and visibility software (EMS) single UI, Repair &amp; return commitment)</li> <li>• Power Backup (Supplied quantity in last 3 years)</li> </ul> <p>Note: This marking will be based on Percentile. This will be part of the contract and deliverables and same shall be diligently applied in WO/Agreement</p>	<p>The required details as per the clause is mostly applicable to OEM Hence we request you to amend the clause from a PIA Approach.</p>	<p>As Sole Bidder or Lead Bidder(In case of Consortium) will be solely responsible to manage the end to end design, SITC and O&amp;M of entire project duration, it will be deep understanding and study required on proposed solution with OEM capability without missing milestone, minimizing/avoiding delay and network penalties risk, network uptime and of course for easy governance and end customer satisfactions.</p>



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
165	Section -3- Eligibility Criteria	3.2 TECHNICAL QUALIFICATION CRITERIA SL NO-3 (Page No 47)	Space utilization ("U" in Size) at Site by proposed solution Least Size among Bid participants = 5 marks, Least Size to < 150% of Least size = 3 marks , More than 150% of Least size = 2 marks	As per XIII. Rack at GP Locations ( page no 304), All the PIA participating in the Tender should offer the same specification or better. However the 20% spare space should also be complied by the PIAs. Hence the least "U" Space occupancy do not guarantee the best performance, Highest uptime & efficient air circulation, the solution is not suitable for all the HUPS OEMs Since the dimension requirements are different for each OEM, further this scoring approach is tilting and may be favouring a specific OEM/SI who is already working in Phase-I & Phase-II, Hence we request you to look into the scoring parameter and amend the same with suitable alternative.	Refer the revised Criteria mentioned in Corrigendum
166	Section -3- Eligibility Criteria	3.2 TECHNICAL QUALIFICATION CRITERIA SL NO-3 (Page No 47)	Power Consumption ("KWH" in Unit per Hour) at Site by proposed solution Least Units among Bid participants = 5 marks, Least Size to < 120% of Least size = 3 marks, More than 120% of Least size = 2 marks	The referred clause Typo errors to be modified.  If there is a variation to the power consumption claimed by SI Vs actual Consumption on the higher side will GFGNL pay the Variation or it will be paid at the projected units claimed by the SI.	GFGNL is authorized to recover the amount of variation in units (if actual unit is higher than projected) from SI payable

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
167	Section -3- Eligibility Criteria	3.2 TECHNICAL QUALIFICATION CRITERIA SL NO-6 ( Page No 48)	HoTo Commitment : Any slippages in taking over process is non-negotiable. Additional offering as contractual commitment on Early completion of HoTo will be rewarded with additional 1 marks per month per phase basis or part thereof.	Considering phase I and phase II 1420 number of GPs more in phase II the duration given for phase II is less in comparison to phase I hence we request you to keep the time period as 6 months for both the phases. Kindly Clarify and confirm.	This is very critical and sensitive parameters of Governance as well as of impacting further rollout strategies of the project. And hence, this time lines are non-negotiable and no change in the RFP clause. Also, Refer the revised Criteria mentioned in Corrigendum
168	Section -3- Eligibility Criteria	3.2 TECHNICAL QUALIFICATION CRITERIA SL NO-7 ( Page No 48)	Minimum Up-time including power protection: Minimum of 98.5 % at GP is having 7 marks, Each increase in 0.5%, 1 marks will be awarded up to maximum of 10 marks Mean time to restore (MTTR) : 4 hrs : 2 marks, <= 4 hrs : additional 1 marks for each reduction in MTTR in slot of 15 min up to max 5 marks	The relevant clause given is not applicable at the current stage of the tender can be a part of the SLA for O&M Hence we request you to amend the clause with the suitable alternative applicable to the PIA.	Ask parameters are very crucial to manage the end customer services and will also require the SI's field level expertise as well the skilled resource management to adhere the SLA. Hence, there is no change in the RFP clause. Also, Refer the revised Criteria mentioned in Corrigendum
169	Section -3- Eligibility Criteria	3.2 TECHNICAL QUALIFICATION CRITERIA SL NO-8 ( Page No 48)	Early Roll-out commitment: • Bidder can showcase their expertise and give revise milestone for early rollout of the project. Marking will be given based on percentile of highest commitment from the bidder.	Kindly confirm the bonus that will be awarded to the SI for the early completion of the Project similar to NHAI, Railways & other similar entities.	Bonus is not provisioned

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
170	SECTION-4- INSTRUMENTS TO BIDDERS	4.9 SECTION COMPRISING THE BIDS ( Page No 54)	iii. Offered price should be inclusive of all applicable taxes (anywhere in Gujarat state) However, Component included should mentioned count, unit type, price, Taxes should be mentioned separately.	The referred clause is conflicting with 4.54 TAXES & DUTIES ( Page No 79) Point I, Kindly clarify the quoted price should be inclusive of taxes or exclusive of taxes.	Bid will be evaluated excluding the taxes, Pl refer the revision
171	SECTION-4- INSTRUMENTS TO BIDDERS	4.9 SECTION COMPRISING THE BIDS( Page No 54)	iii. Offered price should be inclusive of all applicable taxes (anywhere in Gujarat state) However, Component included should mentioned count, unit type, price, Taxes should be mentioned separately.	we Kindly request you to share a detailed BOM with quantites to mention and submit unit type, Prices, Taxes to fullfil the referred clause requirment.	The bid is on EPC model for blending, creativity of private sectors in fiberization, and cost optimization, measurable scientific outcome for simplified payments against numeric level deliverables which are clearly defined in the RFP for faster roll-out linked with timely payment for ease of doing business and high network uptime.
172	SECTION-4- INSTRUMENTS TO BIDDERS	4.54 TAXES & DUTIES ( Page No 79)	i) The quoted offer should be exclusive of Taxes. Taxes shall be paid extra on actual, as applicable. The taxes prevailing at the time of raising the invoice shall be paid. GFGNL shall deduct appropriate tax as applicable at source from the payment against the delivery &services and corresponding TDS certificate shall be issued at the end of respective quarter.	The referred clause is conflicting with 4.9 SECTION COMPRISING THE BIDS ( Page No 54) Point iii, Kindly clarify the quoted price should be inclusive of taxes or exclusive of taxes.	Bid will be evaluated excluding the taxes, Pl refer the revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
173	SECTION-05 (Scope of Work) Page No 110	5.3 FIBERIZATION AND DESIGN PRINCIPLES (Page No:103) Point no. 12 ( C)	First preference for parenting each GP ring to block routers shall be dual homed. It should be minimum 65:35 ratio i.e. 65% of GPs are dual homed means to be parented to two different Sub-blocks and 35% of GPs are single homed means to be parented to single sub-block.	Kindly share the estimated length of GP ring in RKM for Phase -I & Phase-II for dual homing of the routers ie 65% & estimated length of GP ring in RKM Phase -I & Phase-II for single homed ie. 35%	The bid is on EPC model for blending, creativity of private sectors in fiberization, and cost optimization, measurable scientific outcome for simplified payments against numeric level deliverables which are clearly defined in the RFP for faster roll-out linked with timely payment for ease of doing business and high network uptime.
174	SECTION-05 (Scope of Work) Page No 109	5.3 FIBERIZATION AND DESIGN PRINCIPLES (Page No:109) Point no.3	Preference for new fiber work should be ROW roads like shortest possible path on National highway, State highway and District major roads.	Technically the ring should be planned closer to the civilian and other end user areas for a better connectivity, faster resolution, effective use of alternative technologies viceversa if the ring is away from the end points lastmile connectivity will have practical challenges in real time,  The best Practice is to lay the ring in public lands/Government lands, all the civilian land and building should be avoided,  We request you to consider above points.	The mentioned design criteria is for preference of routes as broadly followed by TELCO in the industry and considering future commercialization of network. However, considering EPC project, bidder shall optimally design network considering SLA criteria and design guidelines.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
175	SECTION-05 (Scope of Work)	5.2 (iv.) Page No-107	5.2 DETAILED SCOPE OF WORK(iv. Proposed BharatNet Phase-III Zones on Gujarat Map)	Scope Counts of <b>Phase-I</b> Gram Panchayats Counts data Given in the <b>RFP of DETAILED SCOPE OF WORK(Page no.107)</b> There is a mismatch in the total count of GPs as per the RFP and Annexure document. We Kindly request you to provide an updated and verified list to ensure clarity for the bidders	Pls see revision.
176	SECTION-05	5.2 (iv.) (Page No-107)	5.2 DETAILED SCOPE OF WORK(iv. Proposed BharatNet Phase-III Zones on Gujarat Map)	Scope Counts of <b>Phase-II</b> Gram Panchayats Counts data Given in the <b>RFP of DETAILED SCOPE OF WORK(Page no.107)</b> There is a mismatch in the total count of GPs as per the RFP and Annexure document. We Kindly request you to provide an updated and verified list to ensure clarity for the bidders	Pls see revision.
177	SECTION-05 (Scope of Work)	5.2(iv.) (Page No-107)	5.2 DETAILED SCOPE OF WORK(iv. Proposed BharatNet Phase-III Zones on Gujarat Map)	Scope Counts of <b>Phase-I &amp;Phase-II</b> Gram Panchayats Counts data Given in the <b>RFP of DETAILED SCOPE OF WORK(Page no.107)</b> is Not Matching With List of Gram Panchayat details Given in the <b>Annexure: G</b>	Pls see revision.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
178	5.3 FIBERIZATION AND DESIGN PRINCIPLES	5.3 FIBERIZATION AND DESIGN PRINCIPLES (Page no: 111)	20. All UG OFC and ADSS OFC shall be armored and meet the technical specification.	<p>We understand that all underground OFCs will be armored, but ADSS OFC will not be armored and will be metal free as per TEC GR 85190:2022.</p> <p>We also understand that metal free double sheath OFCs are not covered in this scope and should not be supplied.</p> <p>Kindly confirm the correctness of our understanding.</p>	<p>&gt;All UG OFC shall be armored, and UG OFC and ADSS OFC meet the technical specification.</p> <p>&gt;Underground OFC laying work, including new OFC laying under Phase-III and repairs, reconstruction, rectification, replacement of existing fiber under Phases I and II, shall be done using armored OFC only.</p>
179	SECTION-05 (Scope of Work)	5.3(25 b.)Page No-115	The PIA shall deploy a GIS based planning tool for desktop planning. The tool based on the Geo coordinates of the Block and the GPs shall provide the initial optimal path of the connectivity using road data. The PIA shall use such initial plan for physical site survey	Requesting to provide GIS details for the site and Route Data of the existing Network.	<p>We have already provided all GP list with LGD code and asset details. We have given you 15 days time for survey on Page No.153 note i. Further, we advised to send authorized person for site visit.</p> <p>In case, any network confidential information is required, please send your authorized person with NDA for better know-how.</p>
180	5.3 FIBERIZATION AND DESIGN PRINCIPLES	26. Network Design(Page No:117)	k. Maximum number of GP rings to be parented at Sub-Block shall be three (4).	Kindly share us the details of sub block	<p>We have already provided all GP list with LGD code and asset details. We have given you 15 days time for survey on Page No.153 note i. Further, we advised to send authorized person for site visit.</p> <p>In case, any network confidential information is required, Please send your authorized person with NDA for better know-how.</p>

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
181	5.3 FIBERIZATION AND DESIGN PRINCIPLES	26. Network Design(Page No:117)	k. Maximum number of GP rings to be parented at Sub-Block shall be three (4).	our understanding is that at each subblock level parented GP rings are limited to 3 numbers Kindly confirm and clarify	This clause is revised as "Average number of GPs to be parented at Sub-block shall normally be around twenty-three (23). In exceptional case, after approval of GFGNL it may allow maximum up to thirty (30) with given due justification."
182	SECTION-5 SCOPE OF WORK	Clause no.1 (Page no.133 & 134)	LAST MILE CONNECTIVITY TO THE VILLAGES The PIA shall provide the Last Mile Connectivity to the Village from the nearest GP for provisioning of Revenue Villages by GFGNL at the quoted/ finalized price. The rates to be quoted shall include both CAPEX and OPEX charges separately.	The first part of the referred clause is conflicting with the 5.2 Detailed Scope of work point VI, Kindly clarify.	As per RFP, Clause 5.2 point no. VI "Bidder may advice to plan the new GP equipment in ring co-located at GUVNL/Discom sub-station wherever feasible in consultation with the GFGNL and serve the Gram Panchayat through feasible technologies." refers to GP connectivity only
183	SECTION-5 SCOPE OF WORK	Clause no.1 (Page no.133 & 134)	LAST MILE CONNECTIVITY TO THE VILLAGES The PIA shall use 6F Overhead OFC as per TEC GR as mentioned in the table of TEC GRs in Annexure. Last Mile connectivity shall be implemented with 6F Aerial Drop Cable. However, the TEC GR mentioned for 12F/ 24F is applicable for 6F cable also.	For The referred clause Kindly share us the RKM for 6F, 12F & 24F to arrive for the required details.	The bid is on EPC model for blending, creativity of private sectors in fiberization, and cost optimization, measurable scientific outcome for simplified payments against numeric level deliverables which are clearly defined in the RFP for faster roll-out linked with timely payment for ease of doing business and high network uptime.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
184	SECTION-05 (Scope of Work)	5.13.2(Page No:156)	TIME LINES OF INITIAL SURVEY WITH HANDOVER FROM EXISTING PIA	Considering phase I and phase II 1420 number of GPs more in phase II the duration given for phase II is less in comparison to phase I hence we request you to keep the time period as 6 months for both the phases. Kindly Clarify and confirm.	No change in RFP clause
185	SECTION-6 PROJECT TIMELINES	6.1(Page No:183)	PROJECT TIMELINES	As per the FACT SHEET Contract duration mentioned 10 Years (3 Years of Implementation(As per Project timeline section),	As per RFP Total Duration of the contract is 10 years out of which 3 years shall be of project implementation phase and rest 7 years shall be operation and maintenance phase
186	Section-6 Project Timeline	6.2 PAYMENT SCHEDULE OF PROJECT( Page 194) Point no XIV	Any components, services, which is discontinued or putting hardstop/standby the proportionate amount of this components will be reduce from OPEX value.	Any components, services, which is discontinued or putting hardstop/standby the proportionate amount of this components will be reduce from OPEX value. <b>Applicable only to the supply and services in Phase-III PIA,Not applicable to the supply and services by Phase-I and Phase-II by PIA</b>	Since Replacement of all the existing components (Phase I and II) are to be done. There is no Phase I or II supply/service remains.
187	Section-6 Project Timeline	6.2 PAYMENT SCHEDULE OF PROJECT ( Page 196) Point no IV	The O&M phase shall begin only after all GPs in the scope have been lit.	Note ( Page No 196), Point no IV,Our Understanding is that as per the refered Clause the O & M phase for the respective milestones will begin on the block wise GP litup basis, Further we request you to consider all the lit up GPs for O&M, as and when they are visible in the NOC,Kindly Confirm	As per the Clause No 6.2.1 (ii) Point C: c) If block level at least 95% of GP live in ring then it will be considered as block 100% go-live.



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
188	SECTION-8 FINANCIAL BID	PACKAGE - A(Page No:222)	One-time charges for Survey, Planning, Supply, Installation, end to end integration, testing and commissioning of all GPs in IP-MPLS Ring architecture included in Package A, including OFC, Router, Mini-OLT, RFMS, UPS, FDMS, Couplers, and all other material as per the scope of work, functional and technical requirement specified in the bid document. – Phase-I GPs	We request you to provide a detailed bill of Material with specific Quantities thus enabling all the SI to quote for the same, which will be a justified validation and comparison of all the bidders on the same scale. On any variation of work GFGNL can pay the SI on the basis of the discovered L1 prices.	The RFP is based on the EPC based where bidder has to Design, Construction, Supply, Implementation, Testing & Commissioning and Operation & Management will be solely responsibility to bidder. As described in the RFP, Bidder is free to do the field survey to deliver the requirement, Field infrastructure and inventory details are available in the RFP, additional details will also be shared with corrigendum.
189	SECTION-8 FINANCIAL BID	PACKAGE - A(Page No:222)	One-time charges for Survey, Planning, Supply, Installation, end to end integration, testing and commissioning of all GPs in IP-MPLS Ring architecture included in Package A, including OFC, Router, Mini-OLT, RFMS, UPS, FDMS, Couplers, and all other material as per the scope of work, functional and technical requirement specified in the bid document. – Phase-II GPs	We request you to provide a detailed bill of Material with specific Quantities thus enabling all the SI to quote for the same, which will be a justified validation and comparison of all the bidders on the same scale. On any variation of work GFGNL can pay the SI on the basis of the discovered L1 prices.	Duplicate query, please refer answer in query 188
190	SECTION-8 FINANCIAL BID	PACKAGE - A(Page No:222)	Lastmile connectivity for Revenue Villages in Package-A	We request you to provide a detailed bill of Material with specific Quantities thus enabling all the SI to quote for the same, which will be a justified validation and comparison of all the bidders on the same scale. On any variation of work GFGNL can pay the SI on the basis of the discovered L1 prices.	Duplicate query, please refer answer in query 188

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
191	SECTION-8 FINANCIAL BID	PACKAGE - A(Page No:222)	Total Notional Space Consumptions (Notional Value) at total sites for 10 Years considering proposed network solution.(*Bidder has to consider all sites part of solution in this Bid) Overall Space consumption at Site = U Size *(Multiply) Rs 143/- *(Multiply) *365 days * 10 Years	Since the space is provided by GFGNL & Cost is paid for Rack supplied along with power the payment of U size count is a confusing requirement , Kindly clarify.	We are removing qualitative aspect of space that is notional space consumption. However, Space is the constraint and payable rental and thus, it is advised to choose items which is occupying lesser space.
192	SECTION-8	FINANCIAL BID FORMAT- PACKAGE - A & PACKAGE - B (Page no-222)	Additional Clarification	Kindly requesting you to share the revised format which includes the <b>amount in Words'</b> column also.	Refer the Corrigendum for better clarifications
193	SECTION-8 FINANCIAL BID	PACKAGE - A(Page No:223)	Operations and Maintenance for all GPs in Package-A for first 5 years at maximum 5.50 % of the capex after 100% Go-Live. Capex is considered as sum of capex of S.No. 1,2 and notional capex of S. No.10	We understand that O&M rates will be paid as per the existing rate for the GPs taken over in the HOTO process, Once the ring is completed the O&M rates will be modified to the newly discovered rates. Kindly Clarify	Already specified in RFP; Pls go through
194	SECTION-8 FINANCIAL BID	PACKAGE - A(Page No:223)	Operations and Maintenance for all Revenue villages in Package-A for first 5 years at maximum 5.50 % of the capex* after 100% Go-Live. Capex is considered as S.No. 3	Kindly provide us the details of the revenue villages and the rate at which the O&M will be paid for the first 5 years.	Already provided in Annexure with published RFP; Pls go through financial bid format as well.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
195	SECTION-8 FINANCIAL BID	PACKAGE - B(Page No:224)	One-time charges for Survey, Planning, Supply, Installation, end to end integration, testing and commissioning of all GPs in IP-MPLS Ring architecture included in Package B, including OFC, Router, Mini-OLT, RFMS, UPS, FDMS, Couplers, and all other material as per the scope of work, functional and technical requirement specified in the bid document. – Phase-I GPs	We request you to provide a detailed bill of Material with specific Quantities thus enabling all the SI to quote for the same, which will be a justified validation and comparison of all the bidders on the same scale. On any variation of work GFGNL can pay the SI on the basis of the discovered L1 prices.	Duplicate query , please refer answer in query 188
196	SECTION-8 FINANCIAL BID	PACKAGE - B(Page No:225)	One-time charges for Survey, Planning, Supply, Installation, end to end integration, testing and commissioning of all GPs in IP-MPLS Ring architecture included in Package B, including OFC, Router, Mini-OLT, RFMS, UPS, FDMS, Couplers, and all other material as per the scope of work, functional and technical requirement specified in the bid document. – Phase-II GPs	We request you to provide a detailed bill of Material with specific Quantities thus enabling all the SI to quote for the same, which will be a justified validation and comparison of all the bidders on the same scale. On any variation of work GFGNL can pay the SI on the basis of the discovered L1 prices.	Duplicate query , please refer answer in query 188
197	SECTION-8 FINANCIAL BID	PACKAGE - B(Page No:225)	Lastmile connectivity for Revenue Villages in Package-B	We request you to provide a detailed bill of Material with specific Quantities thus enabling all the SI to quote for the same, which will be a justified validation and comparison of all the bidders on the same scale. On any variation of work GFGNL can pay the SI on the basis of the discovered L1 prices.	Duplicate query , please refer answer in query 188

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
198	SECTION 8 FINANCIAL BID	PACKAGE - B (Page No:225)	Total Notional Space Consumptions (Notional Value) at total sites for 10 Years considering proposed network solution. (*Bidder has to consider all sites part of solution in this Bid) Overall Space consumption at Site = U Size *(Multiply) Rs 143/- *(Multiply) *365 days * 10 Years	Since the space is provided by GFGNL & Cost is paid for Rack supplied along with power the payment of U size count is a confusing requirement , Kindly clarify.	Duplicate query , please refer answer in query 191
199	SECTION 8 FINANCIAL BID	PACKAGE - B (Page No:225)	Operations and Maintenance for all GPs in Package-B for first 5 years at maximum 5.50 % of the capex after 100% Go-Live. Capex is considered as sum of capex of S.No. 1,2 and notional capex of S. No.10	We understand that O&M rates will be paid as per the existing rate for the GPs taken over in the HOTO process, Once the ring is completed the O&M rates will be modified to the newly discovered rates. Kindly Clarify	Duplicate query , please refer answer in query 193
200	SECTION 8 FINANCIAL BID	PACKAGE - B (Page No:226)	Operations and Maintenance for all GPs in Package-B for next 5 years at maximum 5.50 % of the capex after 100% Go-Live. Capex is considered as sum of capex of S.No. 1,2 and notional capex of S. No.3	Kindly provide us the details of the revenue villages and the rate at which the O&M will be paid for the first 5 years.	Repeated query, please see preceding response.
201	Section 9 (Page No 232)	ANNEXURE S & FORMATS (Page No:233)	Format II (Power Of Attorney) & Format-XXII: Power of Attorney	There are two templates for POA. Please clarify and confirm which format to be considered	Removing the duplicacy, please see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
202	Section 9 (Page No 233)	ANNEXURE S & FORMATS( Page No:246 & 233)	Format-XI (EMD) & Format III (EMD)	There are two templates for EMD BG. Please clarify and confirm which format to be considered.	Removing the duplicacy, please see revision
203	Section 9 (Page No 235)	ANNEXURE S & FORMATS( Page No:250 & 235)	Format-XIII (PBG) & Format IV (PBG)	There are two templates for PBG. Please clarify and confirm which format to be considered.	Removing the duplicacy, please see revision
204	II. Technical Specifications for OFC	OFC Minimum specifications (page no:285)	Aerial: TEC 85220:2022 (Aerial Drop) (Loose tube with jelly compound & Water swellable tape / yarn) with latest amendment	Please confirm the TEC GR for 6F aerial drop OFC, whether it would be as per TEC 85200:2022 or TEC 85220:2022.  Kindly Clarify.	As per TEC GR Standard No. 85200:2022.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
205	II. Technical Specifications for OFC	OFC Minimum specifications (Page no: 285)	<p>48F/96F G.657.A1 cable will be accepted considering high bending radius shall support for both aerial and underground cable.</p> <p>Under Ground : 48F/96F (Armored Optical Fibre Cable(Type: Ribbon) for underground application) 24F Armored Optical Fibre Cable Loose Tube</p> <p>Under Ground: ITU-T-G.657 (G.657A1) (TEC GR Standard No.: TEC 85260:2024 with latest amendment.) or with latest amendment if any</p>	<p>We understand that for 24F LT Armoured OFC as well as 48F Ribbon armoured OFC, would be taken with G.652D fibre, not mandatorily G.657A1.</p> <p>Kindly Clarify.</p>	As per RFP

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
206	II. Technical Specifications for OFC	OFC Minimum specifications (page no:285)	<p>48F/96F G.657.A1 cable will be accepted considering high bending radius shall support for both aerial and underground cable.</p> <p>Under Ground : 48F/96F (Armored Optical Fibre Cable(Type: Ribbon) for underground application) 24F Armored Optical Fibre Cable Loose Tube</p> <p>Under Ground: ITU-T-G.657 (G.657A1) (TEC GR Standard No.: TEC 85260:2024 with latest amendment.) or with latest amendment if any</p>	Please confirm the fibre type for all the OFC designs required, whether G.652D or G.657A1. Kindly Clarify.	As per RFP
207	SECTION-10 SPECIAL TECHNICAL CONDITIONS Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK	III. Technical Specifications for FDMS(Page No:286)	Space 48 fibres per 1U	As per clause 3.2.1 TEC 87010:2007 and followed TSEC Certification the 48 fiber FDMS will be 3U instead of 1U & as per the clarification provided in recent BN-III/ T- 791 tender. Kindly Confirm.	Please see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
	AND ITS COMPONENTS				
208	SECTION-10 SPECIAL TECHNICAL CONDITIONS Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS	III. Technical Specifications for FDMS(Page No:286)	Connector Type LC-PC/SC-APC	since the design going to be depend on mutlipe factor connector also is included, Hence the PIA Is free to choose the connector as LC-PC or SC-APC as per ther Requirement. Kindly Confirm.	As per RFP



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
209	SECTION-10 SPECIAL TECHNICAL CONDITIONS Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS	III. Technical Specifications for FDMS(Page No:286)	TEC GR Standard No.: TEC 87010:2007, with Amendment Dated 02.05.2012 and with latest amendments if any. Fibre termination in GP can be accommodated in a rack used for router and other equipment. 01 No. 48 fibre rack mount shelf to be used for fibre termination as per GR 87010:2017.	Our understanding is that we need to follow GR number 87010:2017 instead of GR 87010:2007. Kindly Confirm.	Please see revision
210	SECTION-10 SPECIAL TECHNICAL CONDITIONS Annexure B: TECHNICAL SPECIFICATIONS	III. Technical Specifications for FDMS(Page No:286)	01 No. 48 fibre rack mount shelf to be used for fibre termination as per GR 87010:2017.	As per our understanding the 48 Fiber FDMS will be of 3U height. Kindly confirm.	Please see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
	NS OF NETWORK AND ITS COMPONENTS				
211	SECTION-10 SPECIAL TECHNICAL CONDITIONS Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS	X. Minimum Technical specifications for Uninterrupted Power Supply (UPS) System at GP(page no:300)	Sl no. 5 Capacity - Minimum 1 KVA	<p>We suggest to consider minimum 0.5KVA for UPS capacity Since 0.5 KVA is enough to meet the GP requirements &amp; as per BN-III/T-791 tender the TEC available at this point is 0.5KVA further the proposed capacity will meet the requirement of 500W at UPF.</p> <p>Kindly Confirm and clarify.</p>	It is the functional ask of managing uptime and hence non-negotiable.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
212	SECTION-10 SPECIAL TECHNICAL CONDITIONS Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS	X. Minimum Technical specifications for Uninterrupted Power Supply (UPS) System at GP(page no:300)	19. AVR (Auto Voltage Regulators) In built (6 stages)	We suggest to remove AVR as it is inbuilt feature of the UPS  Kindly Confirm and clarify.	AVR removed

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
213	SECTION-10 SPECIAL TECHNICAL CONDITIONS Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS	X. Minimum Technical specifications for Uninterrupted Power Supply (UPS) System at GP(page no:300)	21. Certification ISO,BIS,UL,CE,VE	As the product undergoes NABL EMI/EMC tests during the process of TSEC so we requested to remove CE & VE . However Please confirm for below, ISO 9001, 14001 is applicable for the company & BIS/UL for the Li-ion cells. UL, CE, VE are specific to european standardsand hence not required. Further UL, CE, VE will become a challenge for Made in India/ Make in India may restrict the participation of Indian MSE & MSME firms. we request you to consider our request and amend the clause accordingly.	Please see revision
214	SECTION-10 SPECIAL TECHNICAL CONDITIONS Annexure B: TECHNICAL SPECIFICATIONS	X. Minimum Technical specifications for Uninterrupted Power Supply (UPS) System at GP(page no:301)	28 Recharge time 6 to 8 Hrs in Offline mode	we suggest to rename recharge time to recharge rate - C/6 to C/8 and pls clarify the meaning of offline mode. Kindly Clarify.	Please see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
	NS OF NETWORK AND ITS COMPONENTS				

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
215	SECTION-10 SPECIAL TECHNICAL CONDITIONS Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS	X. Minimum Technical specifications for Uninterrupted Power Supply (UPS) System at GP(page no:301)	29. Battery warranty EOL(End of Life)	Kindly define battery warranty EOL ( End of Life) in terms of number of years.	<p>Minimum 6 Hrs Backup must be required for 7 years from the date of go-live, if performance degradation start happening below 6 hours as specified in the RFP within 7 years, then battery need to be replaced by PIA / OEM immediately to avoid power outage SLA / penalties, without any additional cost to GFGNL.</p> <p>Therefore, it is utmost important for the PIA to provide right battery having longer battery hours and tenure i.e. to meet minimum 6 hours in 7 years. The tolerance factor of degradation is 1 hour. Any excess degradation or shortfall in tenure is the bidder's risk and bidder have to replace the battery free of cost to GFGNL within 15 days. In any circumstances, GFGNL will not bear battery replacement cost if battery performance degrades (after adjusting tolerance) before 7 years.</p> <p>After 7 years, GFGNL will provide one time cost of Rs. 30,000/- per location only on those cases where battery lasted 7 years in continuity post submission of proof of replacement of battery of the similar or higher specification prevailing at that time with renewal of battery life certificate of 7 years.</p>

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
216	SECTION-10 SPECIAL TECHNICAL CONDITIONS Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS	X. Minimum Technical specifications for Uninterrupted Power Supply (UPS) System at GP(page no:301)	3. Backup time Minimum 6 Hrs with Full load	We understand that the fully charged battery should support 6 hours of operation on full load on given day Kindly Confirm.	As per preceding response
217	SECTION-10 SPECIAL TECHNICAL CONDITIONS Annexure B: TECHNICAL SPECIFICATIONS	X. Minimum Technical specifications for Uninterrupted Power Supply (UPS) System at GP(page no:301)	27. Battery Replacement cycle Min. 6Hrs Backup must be required for 7 year ,if performance reduce than battery need to be replace	We understand the referred clause our understanding is that Considering 6hrs back/day for 7 years it will be(1x365x7) 2555 charge/discharge cycle, In case performance reduces then battery need to be replaced Kindly Confirm.	As per preceding response related to Battery life cycle.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
	NS OF NETWORK AND ITS COMPONENTS				
218	SECTION-10 SPECIAL TECHNICAL CONDITIONS Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS	X. Minimum Technical specifications for Uninterrupted Power Supply (UPS) System at GP(page no:301)	31. Anti theft Mechanism Anti theft screw and cabinet/rack etc	Kindly clarify the Anti theft Mechanism is to be enabled in the Cabinet / Rack or is it to be enabled for UPS or for Battery.	Please see revision



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
219	SECTION N-10 Annexure B	XI. Unlicensed Band Radio (UBR) (Page No. 302)	UBR Specifications - Compliance - WPC, NSDTS and MTCTE certified	We request you to consider certificate before supply and accept undertaking during bidding, Kindly Clarify	Please see in preceding responses
220	SECTION N-10 Annexure B	XI. Unlicensed Band Radio (UBR) (Page No. 303)	UBR Specifications - Product proveness - Minimum 1 year to be considered from the date of ETA/MTCTE. Minimum 1K Links deployment in last 1 year on proposed product.	we request you to consider valid ETA/MTCTE without any minimum time period of waiting for product proveness.  Kindly consider 1k links deployment in last 1 year on proposed product series.  Kidnly consider the above request.	Please see in preceding responses
221	SECTION N-10 SPECIAL TECHNICAL CONDITIONS Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS	XIII. Rack at GP Locations (Page No:304)	2. Dimensions 600 mm (W) X 600 mm (D)	The Racks at GP location has been designed as per the OEMs offering Hence we suggest to mention Minimum 600 mm (W) X 600 mm (D), Fixed dimension will make their existing certification null and void, more over the internal components and UPS dimension will not fit for a fixed dimension of 600 mm (W) X 600 mm (D) further the entire process of design, built will take a longer time to complete which will affect the planned milestone of GFGNL. Kindly Clarify.	Please see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
	COMPONENTS				
222	SECTION-10 SPECIAL TECHNICAL CONDITIONS Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMP	XIII. Rack at GP Locations(Page No:304)	4. Sliding Trays 2 Nos	The Racks at GP location has been designed as per the OEMs offering Hence we suggest to mention Minimum sliding trays as optional, the current version of existing Bharat Net racks sliding trays are not present. Adding sliding trays will make their existing certification null and void, more over the internal components and UPS dimension will not fit for a fixed dimension of 600 mm (W) X 600 mm (D) further the entire process of design, built will take a longer time to complete which will affect the planned milestone of GFGNL. Kindly Clarify.	Please see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
	ONENT S				
223	SECTION-10 SPECIAL TECHNICAL CONDITIONS Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND	XIII. Rack at GP Locations(Page No:304)	3. PDU 10 no. of 5/15A sockets	We suggest to use terminal block/PDU as per the PIA offering, As HUPS has builtin power distribution of AC & DC Terminal blocks is the industry standard approach, Hence we request you to keep PDU 10 no. of 5/15A sockets as Optional one. Kindly Confirm & Clarify.	Please see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
	ITS COMPONENTS				
224	SECTION-10 SPECIAL TECHNICAL CONDITIONS Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS	XIII. Rack at GP Locations(Page No:305)	11.All enclosure panels are single walled bolttable from inside with earthing to be done on all flat parts	For effective maintenance during the O&M the industry standard approach is to use the rear door for doing the service to retify and repair the components, Hence we suggest to consider this feature for rear door however, left and right side are recommended with welded type as there is no requirement to access the same.Further considering the safety factor also the above suggestion is given. We request you to strongly consider our request and provide the needful clarification.	Please see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
225	SECTION-10 SPECIAL TECHNICAL CONDITIONS Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS	XIII. Rack at GP Locations(Page No:305)	14. The cooling fans should be on a fan tray for ease of access and easy fault identification and diagnosis. N+1 Configuration fans Standby fan operates automatically when inside temperature exceeds 60°C OR any of the fans fails	<p>We request you to amend the clause in line with the recent Bharat Net tender.</p> <p>The fans will be in 5+1 configuration and 3 fans will operate when inside temperature is above 25°C, 2 more fans will start operating automatically when inside temperature exceeds 35°C. Standby fan operates automatically when inside temperature exceeds 60°C OR any of the fans fails</p>	Please see revision
226	SECTION-10 SPECIAL TECHNICAL CONDITIONS Annexure B: TECHNICAL SPECIFICATIONS	XIII. Rack at GP Locations(Page No:305)	17 Enclosure Flat Parts Material: Side panels left and right in single walled construction bolttable from inside	<p>We suggest to consider for left and right side individually constructed out of separate single sheets, further recommended with welded type approach as there is no requirement to access the left and right pannels, considering the safety factor also the above suggestion is given.</p> <p>We request you to strongly consider our request and provide the needful clarification.</p>	Please see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
	NS OF NETWORK AND ITS COMPONENTS				
227	SECTION-10 SPECIAL TECHNICAL CONDITIONS Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS	XIII. Rack at GP Locations(Page No:305)	17 Enclosure Flat Parts Material:Enclosure Flat parts material: Galvanized sheet steel 1.5mm / 2 mm thick of 120 GSM /Front single door with 4-point locking system and rear panel boltable from inside in single walled construction <b>with door stay,</b>	Since rear door is boltable from inside the provision for door stay cannot be provided	Please see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
228	Annexure-E TECHNICAL SPECIFICATION FOR GIS MAPPING OF OFC ROUTES AND PROJECT MANAGEMENT TOOL	2.2 Mobile app for data collection from field(Page No:431)	PIA shall use GFGNL mobile application & video recording solution for the BharatNet Project to accurately document project activities such as trenching, fibre laying, splicing and equipment deployment. The key requirements are given below.	Is the GFGNL Mobile app readily available at the time of starting of work,Kindly confirm	<p>GFGNL will provide the Mobile application without any mounting device for capturing information at source and server storage space to store all digital artifacts captured by PIA on field. Further, PIA team need to support to GIS team to finalize the template and related process to achieve 100% accuracy in the digital collection of artifacts require by the tenderer in this RFP in all sections.</p> <p>It is the responsibility of PIA to provide accurate information and therefore it is the responsibility of PIA to arrange the GNSS/DGPS for minimum 20cm accuracy as stipulated in the RFP. This is non-negotiable qualitative aspects of accuracy. Failing which captured data shall not be accepted and PIA shall be asked to capture the data again with GNSS/DGPS.</p> <p>Further to provide the big picture of technology led governance and automation aim, the GFGNL has floated the separate RFP and thus State NOC is the responsibility of GFGNL and it will be fulfilled on time including all digital tools like NMS, GIS, BSS, OSS etc. The potential bidders in this bid also may like to observe the RFP published on GFGNL website to minimize understanding level gap related to integration perspective.</p> <p>The PIA/OEM through MAF are responsible to expose API and do necessary exchange of standard parameters to fulfill technology led network governance in the S-NOC.</p>

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
229	SECTION-10	Annexure: G	Annexure: G List OF GP BharatNet Phase-I and Phase-II	In the <b>Annexure: G</b> , List of Villages of Phase-I, Out of 8768 Villages we are getting <b>409 Duplicates</b> Villages (With same village name & village code)	We have already provided all GP list with LGD code and asset details. We have given you 15 days time for survey on Page No.153 note i. Further, we advised to send authorized person for site visit. In case, any network confidential information is required, Please send your authorized person with NDA for better know-how.
230	SECTION-10	Annexure: G	Annexure: G List OF GP BharatNet Phase-I and Phase-II	In the <b>Annexure: G</b> , List of Villages of Phase-II, Out of <b>10317 Villages</b> we are getting <b>406 Duplicates</b> Villages (With same village name & village code)	We have already provided all GP list with LGD code and asset details. We have given you 15 days time for survey on Page No.153 note i. Further, we advised to send authorized person for site visit. In case, any network confidential information is required, Please send your authorized person with NDA for better know-how.
231	RFP for Bharat Net Phase-3_ABP_GFGNL	FACT SHEET-V-NO-11(Page No:17)	Bidders shall submit, along with their bid, non-refundable bid processing fee of Rs. 15K/- +GST Extra (Fifteen Thousands Rupees -- only)+ GST extra, in the form of a DD on any nationalized bank payable in favor of "Gujarat Fibre Grid Network Limited"	Kindly Clarify the SI / PIA bidding for both the packages should submit non-refundable bid processing fee of Rs. 15K + GST Extra in favor of "Gujarat Fibre Grid Network Limited" one time only for both the Packages.	Pls see revision
232	v) FACT SHEET	FACT SHEET-V-NO-11(Page No:17)	Bidders shall submit, along with their bid, non-refundable bid processing fee of Rs. 15K/- +GST Extra (Fifteen Thousands Rupees -- only)+ GST extra, in the form of a DD on any nationalized bank payable in favor of "Gujarat Fibre Grid Network Limited"	Please confirm if this fees can be paid through RTGS/NEFT	Pls see revision



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
233	RFP for Bharat Net Phase-3_ABPGFGNL	FACT SHEET-V-NO-10	<p>Last date for submission of Bid/proposal (Physical copy excluding financial bid only if asked based on nature of RFP) Within 4 working days from the Date of submission of online bid dates in working hours(till 06:10pm) in event of particular ask of submitting physical copy then logical portion of the bid should be appropriate in the respective sealed cover for maintaining confidentiality.</p> <p>As per Clause 14 under same Fact sheet, "Proposal shall be uploaded online in the format and mode as provided for in the Portal <a href="https://tender.nprocure.com/">https://tender.nprocure.com/</a> for this RFP in the system"</p>	The referred clause and clause 14 is considered, Kindly clarify in Physical submission what are the documents that need to be submitted or Physical submission is not required. Kindly clarify.	As per RFP
234	RFP for Bharat Net Phase-3_ABPGFGNL	N/A	Additional Clarification	Are there any pre-defined rates for the <b>Bill of Materials (BOM)</b> , requested provide the details or the reference document outlining the applicable rates	The RFP is based on the EPC based where bidder has to Design, Construction, Supply, Implementation, Testing & Commissioning and Operation & Management will be solely responsibility to bidder. As described in the RFP, Bidder is free to do the field survey to deliver the requirement, Field infrastructure and inventory details are available in the RFP, additional details will also be shared with corrigendum.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
235	ANNEXURE - G List OF GP Bharat Net Phase-I and Phase-II	N/A	Additional Clarification	The <b>latitude</b> and <b>longitude</b> details for the listed Gram Panchayats (GPs) are not provided in the RFP( Page no 107). Requesting GFGNL to furnish these details.	We have already provided all GP list with LGD code and asset details. We have given you 15 days time for survey on Page No.153 note i. Further, we advised to send authorized person for site visit. In case, any network confidential information is required, Please send your authorized person with NDA for better know-how.
236	ANNEXURE - G List OF GP Bharat Net Phase-I and Phase-II	N/A	Additional Clarification	The mapping of <b>zones to districts, GPs, and revenue villages appears incomplete</b> . Will an updated mapping document be provided before bid submission to ensure accurate project planning	Refer the Corrigendum for better clarifications
237	ANNEXURE - G List OF GP Bharat Net Phase-I and Phase-II	N/A	Additional Clarification	Requesting to provide split of <b>villages list of revenue villages</b> to be mentioned in the Scope of count in the Package 1 & Package-2	Refer the Corrigendum for better clarifications

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
238	RFP for Bharat Net Phase-3_ABP_GFGNL	N/A	Additional Clarification	The <b>fiber quantification</b> details have not been provided in the RFP. Request to provide the necessary fiber quantification information.	The bid is on EPC model for blending, creativity of private sectors in fiberization, and cost optimization, measurable scientific outcome for simplified payments against numeric level deliverables which are clearly defined in the RFP for faster roll-out linked with timely payment for ease of doing business and high network uptime.
239	RFP for Bharat Net Phase-3_ABP_GFGNL	N/A	Additional Clarification	ROW/RI rates if any will be reimbursed along with charges to the PIA for every application submitted on a Prodata basis month wise Kindly Clarify	Pls read ROW related provisions in the RFP. However, It is clarified further that undoubtedly, GFGNL will pay for the ROW charges. In event of speeding of the work where ROW charges are minor, if PIA pays for the ROW charges, then GFGNL shall reimburse without delay (Monthly basis) after adjusting penalty raised/settled by the agency. The any associated penalty is to be settled or to be borne by the PIA. The after completion of the work / ROW obligation, it is the duty of PIA to timely collect the ROW charges / Security deposits with utmost seriousness. In case, the collection cycle exceeds beyond 6 (six) months without any reason in writing by the PIA, then GFGNL shall deduct the delayed amount from running payments without any sympathy.
240	RFP for Bharat Net Phase-3_ABP_GFGNL	N/A	Additional Clarification	Is there any New GPs getting added in Phase -III	The bid will be on fixed GP counts. Any decrease or increase any GP will be settled on derived formula. Hence, it is addition of payment/deduction of payment and thus no risk on either way.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
241	RFP for Bharat Net Phase-3_ABP_GFGNL	N/A	Additional Clarification	What is the RKM of the fiber layed in Phase-I and Phase-II ,with type of fiber and Mode of Laying is required, we request you to provide the same.	We have already provided all GP list with LGD code and asset details. We have given you 15 days time for survey on Page No.153 note i. Further, we advised to send authorized person for site visit. In case, any network confidential information is required, Please send your authorized person with NDA for better know-how.
242	RFP for Bharat Net Phase-3_ABP_GFGNL	N/A	Additional Clarification	The existing equipments and associated components, UPS and unused spares if any to whom it should be handedover, Kindly clarify.	After the Go-Live and traffic migration, one time dismantling, proper packaging and transportation within Gujarat shall be in scope of bidder without any additional cost to GFGNL. The location will be conveyed by the GFGNL at the time of transportation.
243	Annexure-E TECHNICAL SPECIFICATION FOR Uninterrupted Power Supply (UPS) System at GP(X)	N/A	Additional Clarification	The requirement for solar panels and MPPT has not been explicitly mentioned in the RFP. However, as per GR 66160:2024, all options are provided. So please confirm whether there is any requirement for a solar panel and MPPT in this tender? If yes we suggest a 1KW MPPT and 545Wx2 solar panel for a 500W load	Please see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
244	General Query	-	-	Please clarify how many total KMs of fiber route survey are estimated as part of the scope of this project.	The bid is on EPC model for blending, creativity of private sectors in fiberization, and cost optimization, measurable scientific outcome for simplified payments against numeric level deliverables which are clearly defined in the RFP for faster roll-out linked with timely payment for ease of doing business and high network uptime.
245	5.2 Detailed Scope of work	vi	Bidder may advice to plan the new GP equipment in ring co-located at GUVNL/Discom sub-station wherever feasible in consultation with the GFGNL and serve the GramPanchayat through feasible technologies.	Do you mean to say that the Site/PoPs are to be planned at Sub-station wherever feasible. Please suggest.	As per RFP
246	5.2 Detailed Scope of work	Vii	PIA shall use existing OFC routes of Phase-I and Phase-II BharatNet network except leased routes for linear OFC to ring OFC topology to deliver at each GP of Gujarat.	We assume that accurate mapping of Phase-I & II routes are available with GFGNL and can be shared, please confirm.	We have already provided all GP list with LGD code and asset details. We have given you 15 days time for survey on Page No.153 note i. Further, we advised to send authorized person for site visit. In case, any network confidential information is required, Please send your authorized person with NDA for better know-how.
247	5.2 Detailed Scope of work	Xiv	The existing OFC network shall be upgraded from linear to ring topology.	We assume this means existing FTTx architecture also be converted to Ring architecture, please confirm.	Pls refer Clause 5.2.xiv.a reproduced here "a. Upgrade existing BharatNet network to make it robust, redundant and carrier-grade. <ul style="list-style-type: none"> <li>• The PIA shall replace the existing GPON equipment with IP-MPLS routers (Access/Aggregator)</li> <li>• The existing OFC network shall be upgraded from linear to ring topology."</li></ul>
248	5.2 Detailed	Xiv	-	-	No clarification sought

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
	Scope of work				
249	5.3 FIBERIZATION AND DESIGN PRINCIPLES	3	Preference for new fiber work should be ROW roads like shortest possible path on National highway, State highway and District major roads.	So should the minor roages or Village level roads to to be avoided for ring planning.	Already responded in other query, Please see revision.
250	5.3 FIBERIZATION AND DESIGN PRINCIPLES	12. PIA has to ensure Ring Criteria as per below:	First preference for parenting each GP ring to block routers shall be dual homed. It should be minimum 65:35 ratio i.e. 65% of GPs are dual homed means to be parented to two different Sub-blocks and 35% of GPs are single homed means to be parented to single sub-block.	Can you please confirm that GP rings will be connecting GPs to Sub-blocks.	The bid is on EPC model for blending, creativity of private sectors in fiberization, and cost optimization, measurable scientific outcome for simplified payments against numeric level deliverables which are clearly defined in the RFP for faster roll-out linked with timely payment for ease of doing business and high network uptime.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
251	5.3 FIBERIZATION AND DESIGN PRINCIPLES	First preference for parenting each GP ring to block routers shall be dual homed. It should be minimum 65:35 ratio i.e. 65% of GPs are dual homed means to be parented to two different Sub-blocks and 35% of GPs are single homed means to be parented to single sub-block.	First preference for parenting each GP ring to block routers shall be dual homed. It should be minimum 65:35 ratio i.e. 65% of GPs are dual homed means to be parented to two different Sub-blocks and 35% of GPs are single homed means to be parented to single sub-block.	Will there be a separate "Sub-block ring" connecting all the sub-blocks in a ring with blocks.	The bid is on EPC model for blending, creativity of private sectors in fiberization, and cost optimization, measurable scientific outcome for simplified payments against numeric level deliverables which are clearly defined in the RFP for faster roll-out linked with timely payment for ease of doing business and high network uptime.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
252	5.3 FIBERIZATION AND DESIGN PRINCIPLES	First preference for parenting each GP ring to block routers shall be dual homed. It should be minimum 65:35 ratio i.e. 65% of GPs are dual homed means to be parented to two different Sub-blocks and 35% of GPs are single homed means to be parented to single sub-block.	First preference for parenting each GP ring to block routers shall be dual homed. It should be minimum 65:35 ratio i.e. 65% of GPs are dual homed means to be parented to two different Sub-blocks and 35% of GPs are single homed means to be parented to single sub-block.	-	No clarification has been sought.



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
253	5.3 FIBERIZATION AND DESIGN PRINCIPLES	First preference for parenting each GP ring to block routers shall be dual homed. It should be minimum 65:35 ratio i.e. 65% of GPs are dual homed means to be parented to two different Sub-blocks and 35% of GPs are single homed means to be parented to single sub-block.	First preference for parenting each GP ring to block routers shall be dual homed. It should be minimum 65:35 ratio i.e. 65% of GPs are dual homed means to be parented to two different Sub-blocks and 35% of GPs are single homed means to be parented to single sub-block.	-	No clarification has been sought.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
254	5.3 FIBERIZATION AND DESIGN PRINCIPLES	First preference for parenting each GP ring to block routers shall be dual homed. It should be minimum 65:35 ratio i.e. 65% of GPs are dual homed means to be parented to two different Sub-blocks and 35% of GPs are single homed means to be parented to single sub-block.	First preference for parenting each GP ring to block routers shall be dual homed. It should be minimum 65:35 ratio i.e. 65% of GPs are dual homed means to be parented to two different Sub-blocks and 35% of GPs are single homed means to be parented to single sub-block.	-	No clarification has been sought.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
255	5.3 FIBERIZATION AND DESIGN PRINCIPLES	17. No of hop (Section) <b>with alternative technology should be allowed at maximum 4% of the GPs scope having 10G capacity without diluting the SLA performance.</b>	-	Is this possible to have a fiber ring having multiple technologies, such as UG fiber as well as alternative technology, or a separate ring is to be planned.	Kindly refer RFP clause - 5.4.1 reproduced here "Wherever, the U/G or ADSS OFC laying is not possible, the PIA shall submit a note to the GFGNL detailing the constraints. The GFGNL or its authorized agency shall examine the same and if the same is found to be correct, the GFGNL, based on the recommendation shall forward the same to GFGNL who will approve the same to be implemented through Alternate Technology."
256	5.3 FIBERIZATION AND DESIGN PRINCIPLES	-	-	-	No clarification has been sought.
257	5.3 FIBERIZATION AND DESIGN PRINCIPLES	26 Network Design:	Category-3: Express/Core Layer (Master-block to State Data Center),	Will each master block be connected to S-NOC directly in a ring form, or there can be multiple master blocks connected in a ring form to S-NOC.	The bid is on EPC model for blending, creativity of private sectors in fiberization, and cost optimization, measurable scientific outcome for simplified payments against numeric level deliverables which are clearly defined in the RFP for faster roll-out linked with timely payment for ease of doing business and high network uptime. Pls refer RFP clause 5.3 fiberization and design principles

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
258	5.3 FIBERIZATION AND DESIGN PRINCIPLES	26 Network Design:	Category-3: Express/Core Layer (Master-block to State Data Center),	Will each master block be connected to S-NOC directly in a ring form, or there can be multiple master blocks connected in a ring form to S-NOC.	The bid is on EPC model for blending, creativity of private sectors in fiberization, and cost optimization, measurable scientific outcome for simplified payments against numeric level deliverables which are clearly defined in the RFP for faster roll-out linked with timely payment for ease of doing business and high network uptime. Pls refer RFP clause 5.3 fiberization and design principles
259	5.3 FIBERIZATION AND DESIGN PRINCIPLES	-	-	This means that each sub-block can have maximum three rings or four, number in bracket is 4. This also means number of GPs in a sub-block will be maximum 7x4, i.e. 28 to 30 max.	This clause is revised as "Average number of GPs to be parented at Sub-block shall normally be around twenty-three (23). In exceptional case, after approval of GFGNL it may allow maximum up to thirty (30) with given due justification."
260	5.3 FIBERIZATION AND DESIGN PRINCIPLES	26. Network Design:	k. Maximum number of GP rings to be parented at Sub-Block shall be three (4).	This means that each sub-block can have maximum three rings or four, number in bracket is 4. This also means number of GPs in a sub-block will be maximum 7x4, i.e. 28 to 30 max.	This clause is revised as "Average number of GPs to be parented at Sub-block shall normally be around twenty-three (23). In exceptional case, after approval of GFGNL it may allow maximum up to thirty (30) with given due justification."
261	5.3 FIBERIZATION AND DESIGN PRINCIPLES	-	-	This means that each sub-block can have maximum three rings or four, number in bracket is 4. This also means number of GPs in a sub-block will be maximum 7x4, i.e. 28 to 30 max.	This clause is revised as "Average number of GPs to be parented at Sub-block shall normally be around twenty-three (23). In exceptional case, after approval of GFGNL it may allow maximum up to thirty (30) with given due justification."

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
262	Annexure-E TECHNICAL SPECIFICATION FOR GIS MAPPING OF OFC ROUTES AND PROJECT MANAGEMENT TOOL	2.2 Mobile app for data collection from field	PIA shall use GFGNL mobile application & video recording solution for the BharatNet Project to accurately document project activities such as trenching, fibre laying, splicing and equipment deployment. The key requirements are given below.	Is the GFGNL Mobile app readily available at the time of starting of work.	Please see preceding response
263	5.2	i. (page 105)	10 years O&M will start after the project completion of 3 years or from the date of PO / LOI.	-	Please refer RFP point no. V) Fact Sheet
264	4.37	page 70	ROW demand note charges would be paid by GFGNL or bidder	-	For better understanding the latest GR/Circulars/Guidelines on ROW for BharatNet Project (on State and Central Government portals) may be referred. The bidder is responsible for obtaining ROW permissions. if required, GFGNL will facilitate in co-ordination with local bodies/government agencies.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
265	5.1 E	page 104	S-NOC – is to be built new or existing setup to be used.	-	Pls refer clause 5.1.e reproduced here "e) Establishment and Upgrade of State Network Operation Center (NOC): This will be addressed by separate tender to upgrade the existing NOC, including hardware and software licenses, and to integrate both the existing and new network devices for monitoring, supervision and O&M to meet the desired SLAs."
266	4.71	-	Routers and RFMS, to be supplied under this tender, should comply "Trusted Products" before delivery. In case, the make/ model is not approved as "Trusted Product", then, the bidder/ OEM shall obtain the approval for the tendered products from the designated office.	We understand that obtaining a Trusted Portal certification can lead to unnecessary delays in project delivery, as the process can sometimes take up to a year. The lack of this certification can put delivery timelines at risk. Therefore, we request that the requirement for a 'Trusted Portal Certificate' be made mandatory at the project's outset, before awarding the contract. This will ensure that only eligible bidders participate, allowing for seamless project execution without delays.	As per RFP

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
267	5.9	-	Measurement Book (MB): The measurement books are to be maintained by the PIA. The entry shall be made in ink. No entry shall be erased. If a mistake is made, it should be corrected by crossing out the incorrect words or figures and inserting the corrections, the corrections thus made shall be initialed & dated by the bidder. The measurement books shall invariably be consulted at the time of making final payments to the bidder.	We understand that Measurement Book need to be created by PIAs for their Final Payment. With this clause it is mentioned that PIA shall Measurement book manually by using 'ink' pen where entries cannot be erased. But in further sections 3.1, Annexure E (Digital Measurement Book) it is expected that data of Digital Measurement book will be recorded Digitally & Automatically by Mobile app. We request to please clarify this requirement.	Pls read analogy of physical entry with digital entry. The GFGNL will provide mobile application for the digital measurement book and it is responsibility of the bidder to abide with purpose of measurement / penalty associated with this work.
268	Annexure E, 3.1	-	Digital measurement book module of BharatNet C-NOC shall automatically calculate and update the work completed data including route length in RKM, depth etc. based on the videos uploaded during the execution of the work.	We understand that requirement of Digital Measurement book shall be part of separate SNOC tender & it will be procured at that time. Please clarify if PIAs needs to procure the Digital MB book in the same tender or separate SNOC tender.	Please see preceding response also. However, to address this specific question, please read analogy of physical entry with digital entry. The GFGNL will provide mobile application for the digital measurement book and it is responsibility of the bidder to abide with purpose of measurement / penalty associated with this work. PIA shall not procure the digital MB separately
269	Annexure E, 1	-	State NOC (S-NOC) Integration with Central NOC (C-NOC)	We understand that GFGNL will do separate tender for SNOC implementation, so the requirement to do integration between S-NOC & C-NOC shall be cater into other tender. We request GFGNL to clarify this.	Please see preceding response

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
270	26	-	<p>Service portfolio: Following Services should be supported in proposed solution.</p> <ul style="list-style-type: none"> <li>• Grass root level E-governance,</li> <li>• Digital enterprise,</li> <li>• Internet peering service,</li> <li>• Wireless broadband,</li> <li>• Govt Network (SWAN),</li> <li>• Enterprise VPN,</li> <li>• Community Wi-Fi,</li> <li>• Education content push from central,</li> <li>• Bank and ATM connectivity related services,</li> <li>• Videoconferencing for Tele-medicines and government administrative activities,</li> <li>• Digital transformations,</li> <li>• CCTV camera services,</li> <li>• Open Network for Data Commerce (ONDC), e-Commerce and Internet of Things (IoT) , Industry 5.0, AI</li> <li>• FTTH Value added services.</li> <li>• Horizontal Customer Connectivity,</li> <li>• Rural Public Institutions,</li> <li>• And any other Widely expected services.</li> </ul>	<p>We understand that these services are required to be managed on deployed network by PIA, We request GFGNL to clarify whether PIA need to propose the IoT based Solutions to deploy these services backed by their deployed network ?</p>	<p>The question is not clear. The list of services are indicative to understand functional aspect over the network.</p>



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
271	5.8	-	<p>Videography for all the works like trenching, fibre laying, splicing etc shall be conducted by PIA.</p> <p>The Video Recording (with Date/ Time stamping and GPS coordinates) of the OFC laying and Ducting works by the PIA shall be done in following phases as under-</p>	<p>We understand that PIA need to capture the Videos of the implementation work that should also be Geotagged. To ensure high positional accuracy of geotagged data, we request GFGNL to mandate the use of integrated DGPS devices with videography solutions. Without DGPS-enabled devices, the captured videos may have significant inaccuracies, potentially leading to challenges in effective project implementation.</p>	<p>Please refer RFP Annexure E point 2.2</p>

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
272	5.8	-	<p>The MP4 Video should have 3 windows running concurrently for following views-</p> <ul style="list-style-type: none"> <li>• Window 1 – Physical work being carried out with Lat/ Long and Date/Time stamp</li> <li>• Window 2 – Location of the activity on Google Map.</li> <li>• Window 3 – KMZ/KML file with chainage, OFC route, Depth, Offset from road center &amp; Lat/ Long of Joint pits etc.</li> </ul>	<p>To ensure accurate geotagging and seamless multi-window synchronization in MP4 videos, a GIS-based, DGPS-integrated, Web &amp; Mobile videography solution with cloud storage is essential. DGPS ensures sub-meter accuracy, preventing errors in mapping OFC routes, joint pits, and offsets, while cloud storage enables secure, tamper-proof, and scalable data management. Manual or non-DGPS methods risk high inaccuracies, compliance issues, and data manipulation. Therefore, We request GFGNL to make the use of such GIS based, Videography solution as a Mandatory solution that will ensure precision, transparency, and efficient project monitoring in line with GFGNL's Vision.</p>	<p>Please refer RFP Annexure E point 2.2</p>
273	5.8	-	<p>12)For field activities, GFGNL will support with GIS mobile application, It may have facility to create template. PIA executives shall furnish and support the template with the details asked and upload on applications with 100% accuracy.</p>	<p>We understand that GFGNL will provide a GIS-based mobile application to support field activities. Does these Field activities include capturing the Videography tasks or only for capturing field data ? Also kindly share whether GIS mobile app is the existing app used by GFGNL or it will be curated in separated NOC tender.</p>	<p>The mobile app will be provided by the GFGNL. The scope of PIA is to operate during the execution as per specified PIA functions.</p>

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
274	5.13	-	Operations & Maintenance	<p>We understand that with this requirement GFGNL aims to manage both internal and external resources for service assurance, service provisioning, patrolling, routine telecom tasks, and preventive maintenance of fiber, active, and passive elements. Therefore, we request GFGNL to mandate the use of a Automated GIS based Inventory &amp; Fiber Operations Management system which can manage the complete Network inventory along with the Workforce management to track field activities &amp; Manage 99.99% network uptime.</p>	Repeat query, responded as above.
275	6	-	PROJECT TIMELINES	<p>We understand that GFGNL aims to execute the project within the defined timelines using an automated approach. To align with this vision, we request the inclusion of requirements for essential software solutions—such as a GIS Planning Tool, GIS-based Videography Solution, GIS Inventory &amp; Fiber Operations System, PM Tool, etc.—within the project timeline. This will ensure seamless end-to-end automation from the project's inception</p>	Yes, GFGNL will provide all essential solution such as a GIS Planning Tool, GIS-based Videography Solution, GIS Inventory & Fiber Operations System, PM Tool, etc. once finalized through other RFP

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
276	1.4	-	PIA shall provide necessary inputs regarding the progress and status of the project implementation in the Project Monitoring tool to be deployed by GFGNL. This input is crucial for creating and overseeing project schedules, milestones tracking, and monitoring of timelines within the project. The detailed requirements are given in clause no. 3 below.	Does PM tool will be provided by GFGNL or PIA has to procure their own PM tool ? Please clarify	GFGNL will provide PM tool. It is the responsibility of PIA to capture the datapoints for work progress. The capturing/entry into digital PM tool is very critical and essential as it bears direct co-relation with eligibility of seeking payments. Any lapses will result into denial of claims.
277	1.4	-	PIA shall provide necessary inputs regarding the progress and status of the project implementation in the Project Monitoring tool to be deployed by GFGNL. This input is crucial for creating and overseeing project schedules, milestones tracking, and monitoring of timelines within the project. The detailed requirements are given in clause no. 3 below.	If PM tool will be procured by GFGNL, so this requirement should be their in separate NOC tender. Please clarify?	GFGNL will provide PM tool. It is the responsibility of PIA to capture the datapoints for work progress. The capturing/entry into digital PM tool is very critical and essential as it bears direct co-relation with eligibility of seeking payments. Any lapses will result into denial of claims.
278	2.2	-	PIA shall use GFGNL mobile application & video recording solution for the BharatNet Project to accurately document project activities such as trenching, fibre laying, splicing and equipment deployment. The key requirements are given below.	We understand PIA does not need to procure their own GIS mobile app & Videography solution. We request GFGNL to clarify whether GFGNL will procure this videography solution in separate tender of NOC ?	Repeat query, responded as above.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
279	-	-	General	Is it required to migrate existing phase 1 & phase 2 GIS data to the newly deployed GIS? please clarify.	Yes
280	-	-	General	Who will provide ROW data & in which format ? Please clarify	As per RFP, its in bidder scope
281	-	-	General	We request you to please share the network volumetrics to be considered for this Phase 3 implementation. 1. No. of New GP 2. Fiber Route km for new GPs 3. Fiber Route km for existing GPs	We have already provided all GP list with LGD code and asset details. We have given you 15 days time for survey on Page No.153 note i. Further, we advised to send authorized person for site visit. In case, any network confidential information is required, Please send your authorized person with NDA for better know-how.
282	5.6	-	Revenue Share Model	We understand that The proposed 50% revenue share model creates an unbalanced financial burden on PIAs, making the project commercially unviable. The high CAPEX, full O&M responsibility, and restrictive usage conditions significantly increase investment risks while limiting business opportunities. Additionally, excessive penalties and unclear future revenue streams discourage private sector participation. We request GFGNL to give a more feasible model, such as a one-time trench access fee or a graded revenue share, ensuring fair risk-reward distribution while supporting BharatNet's objectives.	It is strategic decision, It is optional for the bidder.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
283	ITEM No X of Min Technical Specifications for UPS at GP	Sr. No 8.	Isolation Transformer for Source Isolation	On Low AC Voltage with 500W Output Load, Input current for IT will be approx 9.5A. Thus, the capacity should be 2 KVA and the same should be mentioned to avoid technical issues and failures in the future.	Please see revision
284	ITEM No X of Min Technical Specifications for UPS at GP	Sr. No 11	Temperature Range limitation: Max upto 55	Please keep this temperature as 50, As from 50-55, UPS Output Power will degrade to 80% of UPS capacity.	Please see revision
285	ITEM No X of Min Technical Specifications for UPS at GP	Sr. No 21	Certifications: ISO, BIS, CE, UL, VE	Please note that Indian Standards for UPS are ISO, BIS and CE. UL and VE are not applicable standards for UPS system in India and Indian environment. Please keep the 3 critical certifications - ISO, BIS, CE	Please see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
286	ITEM No X of Min Technical Specifications for UPS at GP	Sr. No 24	Battery Technology: Li-ion	Li-ion is a broad category. Please confirm if LiFePO4 Li-ion should be used or Li-ion with NMC should be used. Please specify the same.	Please see principles mentioned in preceding responses
287	ITEM No X of Min Technical Specifications for UPS at GP	Sr. No 32	The PIA shall make suitable provision in the UPS to connect the same with the network elements for extending the UPS related alarms, lie but not limited to, battery, solar charge controller to the SNOC and CNOC	Possible via SNMP Card on the Communication Slot inside UPS with a Monitoring Software for Visibility of UPS related Alarms on Network elements, like Server & PCs. Please confirm if this is ok.	Please see principles mentioned in preceding responses
288	SECTION-5 SCOPE OF WORK	5.2 DETAILED SCOPE OF WORK	ix. New telecom grade shelters at block locations of BharatNet Phase-I to house all network equipment instead of BSNL exchanges and upgradation of the existing telecom trade shelters at block locations of BharatNet Phase-II will be addressed through the <i>separate tender</i> .	We understand that New telecom grade shelters at block locations of <b>BharatNet Phase-I</b> and upgradation of the existing telecom trade shelters at block locations of <b>BharatNet Phase-II's</b> all infra(Electrical and Civil) will be done by GFGNL . Kindly confirm.	Yes as per clarification sought

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
289	SECTION-5 SCOPE OF WORK	5.2 DETAILED SCOPE OF WORK	ix. New telecom grade shelters at block locations of BharatNet Phase-I to house all network equipment instead of BSNL exchanges and upgradation of the existing telecom trade shelters at block locations of BharatNet Phase-II will be addressed through the separate tender.	Please share the lat-long and address of these new phase-I blocks and shelter upgradation of Phase-II blocks location .	We have already provided all GP list with LGD code and asset details. We have given you 15 days time for survey on Page No.153 note i. Further, we advised to send authorized person for site visit. In case, any network confidential information is required, Please send your authorized person with NDA for better know-how.
290	SECTION-5 SCOPE OF WORK	5.2 DETAILED SCOPE OF WORK	x. State/SIA will support space and power supply requirements for the equipment to be installed at GP as well as telecom grade shelters for BharatNet Phase-III network. Power consumption and Space usage outlook of network equipment for Phase-III including 10 years of O&M period requires to submit by PIA in financial bid format as a separate component.	We understand that State/SIA will support space and power supply requirements for the equipments to be installed at GP only as Telecom Grade shelters for BharatNet Phase-III network is going to be built by GFGNL by separate tender. Kindly confirm.	Yes as per clarification sought



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
291	SECTION-5 SCOPE OF WORK	5.2 DETAILED SCOPE OF WORK	x. State/SIA will support space and power supply requirements for the equipment to be installed at GP as well as telecom grade shelters for BharatNet Phase-III network. Power consumption and Space usage outlook of network equipment for Phase-III including 10 years of O&M period requires to submit by PIA in financial bid format as a separate component.	We understand that Block Location (Including Sub-Block) and District Locations infra (Viz. Space and Power) arrangement to be done by GFGNL . Kindly confirm	Pls go through the RFP. The clarity has already been given. However, for ease in understanding, It is clarified again. Undoubtedly, it is responsibility of GFGNL to provide space and power source including recurring bills. The extension internal power cable and electrical safety of equipment will be in scope of PIA.
292	SECTION-5	5.2 DETAILED SCOPE OF WORK 26.Network Design:	k) Maximum number of GP rings to be parented at Sub-Block shall be three (4)	We understand that number of GP ring to be parented at sub block shall be three (3) only, kindly confirm.	This clause is revised as "Average number of GPs to be parented at Sub-block shall normally be around twenty-three (23). In exceptional case, after approval of GFGNL it may allow maximum up to thirty (30) with given due justification."
293	SECTION-5	25. Site Survey and Planning:	GFGNL shall provide the GIS details for site and route data of the Existing Network to the PIA on as is where is basis	Request GFGNL to share GIS details of existing network with site lat-long and OFC route data.	We have already provided all GP list with LGD code and asset details. We have given you 15 days time for survey on Page No.153 note i. Further, we advised to send authorized person for site visit. In case, any network confidential information is required, Please send your authorized person with NDA for better know-how.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
294	SECTION-5	5.3 FIBERIZATION AND DESIGN PRINCIPLES	4. New OFC routes and last miles are to be built in such a way that it should be enroute to connect Government Schools, Police stations/chowki, Health centres, banks, post offices, forest offices, fair price shops, animal husbandry, Food and civil supplies, co-operative and government field offices, tourism destinations, community science centres, R&B toll booths, fisheries, Port and SEZ, GIDC, Telecom towers	Government Schools, Police stations/chowki, Health centres, banks, post offices, forest offices, fair price shops, animal husbandry, Food and civil supplies, co-operative and government field offices, tourism destinations, community science centres, R&B toll booths, fisheries, Port and SEZ, GIDC, Telecom towers are part of physical connectivity under this RFP ? Kindly confirm .	Project is on EPC based. Bidder shall have preference in fiber design in such a way that it should enroute to these locations and a manhole should be placed near to these premises. These locations are not part of physical connectivity. Kindly refer annexure for scope.
295	SECTION-5	5.3 FIBERIZATION AND DESIGN PRINCIPLES	4. New OFC routes and last miles are to be built in such a way that it should be enroute to connect Government Schools, Police stations/chowki, Health centres, banks, post offices, forest offices, fair price shops, animal husbandry, Food and civil supplies, co-operative and government field offices, tourism destinations, community science centres, R&B toll booths, fisheries, Port and SEZ, GIDC, Telecom towers	Along with 4431 revenue village, Government Schools, Police stations/chowki, Health centres, banks, post offices, forest offices, fair price shops, animal husbandry, Food and civil supplies, co-operative and government field offices, tourism destinations, community science centres, R&B toll booths, fisheries, Port and SEZ, GIDC, Telecom towers also need to be connected in this RFP? Please confirm with the quantity, If yes then kindly share the lat long of the same.	Responded as above.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
296	SECTION-5	5.3 FIBERIZATION AND DESIGN PRINCIPLES	1. PIA has to ensure Sub-block to Sub-block ring on 48F Armoured Ribbon straight fiber path(Spinal path) considering major road (NH/SH/DMR)	Kindly guide and guide about Sub-block ring formation criteria	The bid is on EPC model for blending, creativity of private sectors in fiberization, and cost optimization, measurable scientific outcome for simplified payments against numeric level deliverables which are clearly defined in the RFP for faster roll-out linked with timely payment for ease of doing business and high network uptime. Pls refer RFP clause 5.3 fiberization and design principles
297	SECTION-5	5.3 FIBERIZATION AND DESIGN PRINCIPLES	7. Baseline criteria of existing fiber for Phase-I should be as per following:	Kindly share the phase-I route (Package-A&B) span wise in kml or shp file format	We have already provided all GP list with LGD code and asset details. We have given you 15 days time for survey on Page No.153 note i. Further, we advised to send authorized person for site visit. In case, any network confidential information is required, Please send your authorized person with NDA for better know-how.
298	SECTION-5	5.3 FIBERIZATION AND DESIGN PRINCIPLES	8. Baseline criteria of existing fiber for Phase-II should be as per following:	Kindly share the phase-II route (Package-A&B)span wise route in kml or shp file format	We have already provided all GP list with LGD code and asset details. We have given you 15 days time for survey on Page No.153 note i. Further, we advised to send authorized person for site visit. In case, any network confidential information is required, Please send your authorized person with NDA for better know-how.
299	SECTION-5	5.3 FIBERIZATION AND DESIGN PRINCIPLES	11. PIA has to keep loop at standard distance for better operations	Kindly confirm total how many meter ofc loop length to be kept at Joint Chamber	Please refer Section-10 Special Technical Conditions; D of Annexure-C, Page no-338; A loop of minimum 25 meter of OFC will be left in every manhole. The same parameter may be considered for the joint chamber, 25-meter loop for each OFC direction entering into the JC.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
300	SECTION-5	5.3 FIBERIZATION AND DESIGN PRINCIPLES	11. PIA has to keep loop at standard distance for better operations	Kindly confirm total how many meter ofc loop length to be kept at Loop Chamber	Please see preceding response
301	SECTION-5	5.3 FIBERIZATION AND DESIGN PRINCIPLES	11. PIA has to keep loop at standard distance for better operations	Kindly confirm minimum distance between two chamber location to be considered under this RFP .	Please refer RFP Section-10 Special Technical Conditions; d) of Annexure-C, Page no-338 reproduced here at "Manhole to be installed as loop chamber at following locations (but not limited to) as per industry best practice, 1. Every Km 2. At both sides of road crossings, culvert and bridge crossings." Additionally Manholes to be placed at, > crossings of RoU for eg. Railway track crossing, Oil and Gas pipe line crossing, etc > Further refer RFP for detail requirement/scope.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
302	SECTION-2 INTRODUCTION	2.1.1.1 METHODOLOGY OF EXECUTING BHARATNET PHASE I PROJECT	The BharatNet network implemented in Phase- I consists of using BSNL's existing fibre (on lease) from Block to Fibre POI and laying of incremental OFC (24 core) from Fibre POI to GPs. As part of upgradation in the project of Amended Bhartnet Program (ABP), the PIA shall lay additional OFC for connecting Block to GPs in a ring architecture using the existing incremental BharatNet OFC from Fibre POI to GPs. After the PIA upgrades this network in ring architecture from Block to GPs, integrating the incremental OFC from Fibre POI to GPs, the BSNL's existing leased fibre shall no more be part of upgraded ring architecture. <b>As well as laying of incremental OFC (48 Core) for Phase-I blocks interconnectivity to reach up to State Data Center for backhaul connectivity.</b>	Kindly share the Block Ring Formation criteria . How many minimum and maximum Blocks to be connected in a single ring ? Kindly share	Bidders are requested to Kindly refer fibre design principle criteria
303	SECTION-2 INTRODUCTION	2.1.2 BHARATNET PHASE II – PROJECT BACKGROUND	j) GFGNL has installed telecom grade shelters and already completed the shifting of the OLT and other transport devices from BSNL exchange to approximate 383 shelters.	Kindly share the lat-long of new 383 telecom shelters's installed by GFGNL with their infra details under Phase-II	Refer Corrigendum for additional details

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
304	SECTION-2 INTRODUCTION	2.2 OBJECTIVE OF BHARATNET PHASE III A) Project Objectives with Strategic Goals	VI. Ensuring operational efficiency: High network availability to be maintained up to 98% by additional OFC to be laid with appropriate (24F/48F/96F) Armoured cable, UPS deployment with minimum 6 Hrs backup at each GP.	Kindly include the quantity of 24 F, 48F and 96 F route Kms in the FINANCIAL BID FORMAT OF BHARATNET PHASE-III for Package A & B .	This RFP is solution based EPC model which includes Operation & Maintenance, Preventive & Corrective maintenance. Additional Fibre design Principle criteria is mentioned in the RFP.
305	SECTION-2 INTRODUCTION	2.2 OBJECTIVE OF BHARATNET PHASE III A) Project Objectives with Strategic Goals	VII. Socio-Economic Empowerment: Facilitate digital empowerment by enabling access to education, healthcare, e-governance, and economic opportunities in rural areas. Deployment of <b>mini-OLT at each GP</b> with target of approx. 9 lakhs customer over BharatNet network	Deployment of mini-OLT at each GP is to connect Revenue Villages of total count 4387 nos. or to connect all the 9 lakhs customer ? Kindly confirm.	The proposed mini-OLT should support atleast three (3) / Four (4) compatible ONT's for future network provisioning and avoid governance challenges. The purpose is within the overall framework of DBN.
306	SECTION-5 SCOPE OF WORK	5.10 LAST MILE CONNECTIVITY TO THE VILLAGES	iv. Wherever, such electricity poles are not available/used, the PIA is required to erect wooden/ G.I. poles at the required intervals so that the OFC withstands normal climatic disturbances.	Kindly share the specification of Wooden /G.I.Poles for last mile connectivity and include this as a standalone unit line item with quantity in the Financial Bid Format including Supply & Installation cost and this to be used as per field requirement wherever existing state electricity poles are not available .	It is the PIA's responsibility to maintain, & manage overhead Cable without diluting uptime/ SLA. The Pole must be stable enough to withstand against external environment. The wooden/G.I. Poles is not allowed. The pole should be proper and of RCC. The alternative technology in space connectivity is also an option given to PIA for cost effective medium.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
307	SECTION-5 SCOPE OF WORK	5.10 LAST MILE CONNECTIVITY TO THE VILLAGES	v. The PIA is required to terminate such OFC at an appropriate location in the village in a minimum 16 pair FTB and at the GP FDMS/FTB from where connectivity extended to revenue villages either with a new mini-OLT or using splitters and the mini- OLT installed at the GP.	" <b>The PIA shall use 6F Overhead OFC as per TEC GR as mentioned in the table of TEC GRs in Annexure.</b> " As per this understanding, 16 pair FTB (i.e 32 Cores) is not required at village end. It is requested that 6 Core FTB at village end and 6 Core FTB at GP end for last mile Village connectivity be used. Kindly include and confirm .	As per RFP
308	SECTION-8 FINANCIAL BID	FINANCIAL BID FORMAT (PACKAGE - A)	Sr.No.1 One-time charges for Survey, Planning, Supply, Installation, end to end integration, testing and commissioning of <b>all GPs in IP-MPLS</b> Ring architecture included in Package A, including OFC, Router, Mini- OLT, RFMS, UPS, FDMS, Couplers, and all other material as per the scope of work, functional and technical requirement specified in the bid document. – <b>Phase-I GPs ( UoM Lumpsum =1 No. Quantity)</b>	We understand that <b>Routers at District Landing Station , Block Locations and and Sub-Block locations</b> are not part of this RFP scope . Kindly confirm	The items scope are as per BSNL RFP at the current stage.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
309	SECTION-8 FINANCIAL BID	FINANCIAL BID FORMAT (PACKAGE - A)	Sr.No. 2 One-time charges for Survey, Planning, Supply, Installation, end to end integration, testing and commissioning of <b>all GPs in IP-MPLS</b> Ring architecture included in Package A, including OFC, Router, Mini- OLT, RFMS, UPS, FDMS, Couplers, and all other material as per the scope of work, functional and technical requirement specified in the bid document. – <b>Phase-II GPs ( UoM Lumpusm =1 No. Quantity)</b>	We understand that Routers at <b>District Landing Station , Block Locations and and Sub-Block locations</b> are not part of this RFP scope . Kindly confirm	Duplicate Query, Please refer answer in Query - 308
310	SECTION-8 FINANCIAL BID	FINANCIAL BID FORMAT (PACKAGE - B)	Sr.No.1 One-time charges for Survey, Planning, Supply, Installation, end to end integration, testing and commissioning of all GPs in IP-MPLS Ring architecture included in Package B, including OFC, Router, Mini- OLT, RFMS, UPS, FDMS, Couplers, and all other material as per the scope of work, functional and technical requirement specified in the bid document. – <b>Phase-I GPs ( UoM Lumpusm =1 No. Quantity)</b>	We understand that Routers at District Landing Station , Block Locations and and Sub-Block locations are not part of this RFP scope . Kindly confirm	Duplicate Query, Please refer answer in Query - 308



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
311	SECTION-8 FINANCIAL BID	FINANCIAL BID FORMAT (PACKAGE - B)	Sr.No.2 One-time charges for Survey, Planning, Supply, Installation, end to end integration, testing and commissioning of all GPs in IP-MPLS Ring architecture included in Package B, including OFC, Router, Mini- OLT, RFMS, UPS, FDMS, Couplers, and all other material as per the scope of work, functional and technical requirement specified in the bid document. – <b>Phase-II GPs ( UoM Lumpusm =1 No. Quantity)</b>	We understand that Routers at District Landing Station , Block Locations and and Sub-Block locations are not part of this RFP scope . Kindly confirm	Duplicate Query, Please refer answer in Query - 308
312	SECTION-5 SCOPE OF WORK	5.1 SCOPE OF WORK	b) Construction: To build network infrastructure across remaining Gram Panchayats (GPs), Revenue-Villages and Block locations to establish the IP-MPLS network.	We understand that 6F Overhead OFC as per TEC GR to be deployed at revenue- villages along with FTB box. ONT and FAT Box Supply and Installation for Revenue Villages of total count 4387 are not part of this RFP. Kindly confirm.	Pls go through RFP
313	SECTION-5 SCOPE OF WORK	5.2 DETAILED SCOPE OF WORK	i. The scope of work includes, • Village connectivity beyond GPs on demand basis for revenue villages on alternate technology like RF/UBR, FSO and Aerial linear OFC connectivity from GP	We understand that revenue villages also can connect on alternate technology like RF/UBR, FSO and Aerial linear OFC connectivity from GP. Kindly confirm	Yes

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
314	SECTION-5 SCOPE OF WORK	5.2 DETAILED SCOPE OF WORK	i. The scope of work includes, • Village connectivity beyond GPs on demand basis for revenue villages on alternate technology like RF/UBR, FSO and Aerial linear OFC connectivity from GP	Kindly confirm what would be the percentage of alternate technology to connect revenue villages on alternate technology against Revenue Villages of total count of 4387 nos. Kindly confirm.	Pls see revised RFP
315	SECTION-5 SCOPE OF WORK	5.2 DETAILED SCOPE OF WORK	i. The scope of work includes, • Village connectivity beyond GPs on demand basis for revenue villages on alternate technology like RF/UBR, FSO and Aerial linear OFC connectivity from GP	Is Aerial linear OFC connectivity is part of alternate technology ? Kindly confirm.	Village connectivity beyond GPs on demand basis for revenue villages on alternate technology like FSO , RF/UBR, <b>or on Aerial linear OFC with RCC Pole</b> connectivity from GP
316	SECTION-5 SCOPE OF WORK	5.1 SCOPE OF WORK	The scope of work for the Project Implementation Agency (PIA) shall cover across the state of Gujarat and it is to be noted that number of Gram Panchayats (GPs) as indicative in below table, and PIA shall undertake the Scope of Work across all Gram Panchayats (GPs) identified post survey and approved by GFGNL. Sr.No.5 No. of Exchange (Ring Block): <b>(259 Phase-I) + (401 Phase-II)= 660 Total Block Nos.</b>	a ) Under this RFP scope , we understand that <b>259 Phase-I</b> Blocks are shifting to new GFGNL Shelters by GFGNL , Kindly confirm . b ) Under this RFP scope , we understand that <b>401 Phase-II</b> Blocks are already shifted to new GFGNL Shelters by GFGNL , Kindly confirm .	Kindly refer RFP clause 5.2 xiv point-d reproduced here "In Phase-1, GFGNL will be building shelter at Sub-Block level to host electronics. However, if situation arise where installation is to be done at BSNL exchange, bidder to consider one time shifting of OFC and electronics to GFGNL shelter once shelter is ready to use without any additional cost to GFGNL. For the same, bidder to ensure OFC & Chamber near tentative shelter location. Shifting should be completed within 10 calendar days of intimation except RoW challenges. Beyond which GFGNL may recover amount in proportionate to BSNL space & infra rent for each day from its next payables."

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
317	SECTION-5 SCOPE OF WORK	25. Site Survey and Planning	p) The Right of Way (RoW) for the project shall be granted as per the existing agreement with the State Government and facilitated by GFGNL through introduction letters for creation and upgradation of new and existing network respectively during the construction period.	We understand that RoW for the project shall be granted as per the existing agreement with the State Government and facilitated by GFGNL through introduction letters for creation and upgradation of new and existing network respectively during the <b>construction period and maintenance period without any cost to bidder</b> . Kindly confirm.	GFGNL will facilitate ROW inline with the Gol guideline. Further, Pls refer RFP clause-5.11 for Right of Way.
318	SECTION-5 SCOPE OF WORK	25. Site Survey and Planning	p) The Right of Way (RoW) for the project shall be granted as per the existing agreement with the State Government and facilitated by GFGNL through introduction letters for creation and upgradation of new and existing network respectively during the construction period.	We understand that RoW with respect to agencies belong to <b>Centre Govt.of India Viz. Railway, NHI, Forest, Wild life Forest etc</b> to be arranged by GFGNL without any cost , Bidder will only do the application and liasioning behalf of GFGNL . Kindly confirm.	GFGNL will facilitate ROW inline with the Gol guideline. Further, Pls refer RFP clause-5.11 for Right of Way.
319	SECTION-5 SCOPE OF WORK	5.2 DETAILED SCOPE OF WORK	iv. Proposed BharatNet Phase-III Zones on Gujarat Map: Note – b) As such, <b>Strategic government locations of around 200 numbers connected</b> on BharatNet Phase-II will also be part of this bid scope for which details will be shared separately.	We understand that these strategic government locations of around 200 numbers connected on BharatNet Phase-II will be addition of 4431 revenue villages. Kindly confirm .	Though the first and foremost objective of this RFP is to fiberized Gram Panchayat(GPs), villages on demand basis and block/sub-block. It is clarified here that each district HQ location, Tehsil Location is also a Block in the definition of the state administration. Thus, The Point of Presence ,for wide spread utilization of the network, are to be given at all district headquarter, TC HQ, Block/Sub-block, GP , on demand at villages. The fibre laying beyond any above mentioned point of presence is not in the scope of the RFP. Please go through the fiberization principles laid in

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
					the RFP for meeting the cost efficient and continuity in the network.
320	SECTION-5 SCOPE OF WORK	5.2 DETAILED SCOPE OF WORK	iv. Proposed BharatNet Phase-III Zones on Gujarat Map: Note – b) As such, <b>Strategic government locations of around 200 numbers connected</b> on BharatNet Phase-II will also be part of this bid scope for which details will be shared separately.	Kindly share the lat-long and address of these 200 numbers Strategic government locations connected on BharatNet Phase-II.	Refer the answered mentioned in query 319. Further, GFGNL will provide the GIS details for site and route data of the Existing Network to the PIA on as is where is basis.
321	SECTION-5 SCOPE OF WORK	5.2 DETAILED SCOPE OF WORK	iv. Proposed BharatNet Phase-III Zones on Gujarat Map: Note – b) As such, <b>Strategic government locations of around 200 numbers connected</b> on BharatNet Phase-II will also be part of this bid scope for which details will be shared separately.	We understand that these 200 numbers Strategic government locations are connected on BharatNet Phase-II on FTTX media with ONT at each Govt,offices . Kindly confirm.	Refer the answered mentioned in query 319

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
322	SECTION-5 SCOPE OF WORK	5.2 DETAILED SCOPE OF WORK	viii. There will be one EMS (Element Management System) for each Alternate Technology proposed in this RFP i.e. Unlicensed Band Radio (UBR) or Free Space Optics(FSO). NMS shall be provided by GFGNL at CNOC -Gandhinagar	We understand that EMS for these alternate technology to be provided by Bidder and NMS for the same will be provided by GFGNL at CNOC -Gandhinagar . Kindly confirm.	Yes, However, Connectivity through API of EMS for integration with NMS or suitable mechanism will be provided by selected PIA.
323	SECTION-5 SCOPE OF WORK	26. Network Design:	Category-1: Access Layer (Gram Panchayat to Sub-Block), <ul style="list-style-type: none"> <li>• Access layer connectivity is between Gram-Panchayat to Sub-Block node.</li> <li>• Each GP requires at least two OFC path(1CNO) for establishing ring connectivity to protect Gram-Panchayat router's traffic.</li> <li>• The Network shall be made over Block wise with the GPs.</li> <li>• PIA shall provide below listed equipment at each GP. <ul style="list-style-type: none"> <li>— IP-MPLS Router with Cards and SFPs,</li> <li>— UPS with batteries having 6 Hrs power backup and solar panel.</li> <li>— Mini OLT,</li> <li>— Transmission <b>Racks</b>, Earthing, MCBs, FDMS etc.</li> </ul> </li> </ul>	Kindly confirm the size of Transmission Rack .	Refer details at Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS Point-Xiii

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
324	SECTION-5 SCOPE OF WORK	26. Network Design:	<p><b>Category-2: Aggregation Layer (Sub-Block to Master-Block),</b></p> <ul style="list-style-type: none"> <li>• Aggregation layer connectivity is between Sub-Block to Master-Block (DWDM node).</li> <li>• Each block requires at least three OFC path (2CNO) to protect block router's traffic.</li> <li>• The Routers and RFMS at Sub-block along with configuration, cards and SFPs shall be made over by the PIA.</li> </ul> <p><b>Category-3: Express/Core Layer (Master-block to State Data Center),</b></p> <ul style="list-style-type: none"> <li>• Express/Core Layer connectivity is between Master-Block to State Data Center.</li> <li>• Backhaul Transport network from each district to State Data center is for Intranet traffic only and requires at least three OFC path (2CNO) to protect parenting block router's traffic.</li> <li>• The Routers and RFMS at Master-block along with configuration, cards and SFPs for aggregation of sub-block network for internet breakout at district level shall be made over by the PIA.</li> </ul>	We understand that at <b>Sub-Block locations</b> , GFGNL is going to provide Space and Power for Router, RFMS and FDMS(OFC) in their existing rack . Kindly confirm.	Duplicate Query, Please refer the query answered above

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
325	SECTION-5 SCOPE OF WORK	26. Network Design:	<p><b>Category-2: Aggregation Layer (Sub-Block to Master-Block),</b></p> <ul style="list-style-type: none"> <li>• Aggregation layer connectivity is between Sub-Block to Master-Block (DWDM node).</li> <li>• Each block requires at least three OFC path (2CNO) to protect block router's traffic.</li> <li>• The Routers and RFMS at Sub-block along with configuration, cards and SFPs shall be made over by the PIA.</li> </ul> <p><b>Category-3: Express/Core Layer (Master-block to State Data Center),</b></p> <ul style="list-style-type: none"> <li>• Express/Core Layer connectivity is between Master-Block to State Data Center.</li> <li>• Backhaul Transport network from each district to State Data center is for Intranet traffic only and requires at least three OFC path (2CNO) to protect parenting block router's traffic.</li> <li>• The Routers and RFMS at Master-block along with configuration, cards and SFPs for aggregation of sub-block network for internet breakout at district level shall be made over by the PIA.</li> </ul>	We understand that at <b>Master Block locations</b> , GFGNL is going to provide Space and Power for Router, RFMS and FDMS(OFC) in their existing rack . Kindly confirm.	Duplicate Query, Please refer the query answered above

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
326	SECTION-5 SCOPE OF WORK	26. Network Design:	<p><b>Category-2: Aggregation Layer (Sub-Block to Master-Block),</b></p> <ul style="list-style-type: none"> <li>• Aggregation layer connectivity is between Sub-Block to Master-Block (DWDM node).</li> <li>• Each block requires at least three OFC path (2CNO) to protect block router's traffic.</li> <li>• The Routers and RFMS at Sub-block along with configuration, cards and SFPs shall be made over by the PIA.</li> </ul> <p><b>Category-3: Express/Core Layer (Master-block to State Data Center),</b></p> <ul style="list-style-type: none"> <li>• Express/Core Layer connectivity is between Master-Block to State Data Center.</li> <li>• Backhaul Transport network from each district to State Data center is for Intranet traffic only and requires at least three OFC path (2CNO) to protect parenting block router's traffic.</li> <li>• The Routers and RFMS at Master-block along with configuration, cards and SFPs for aggregation of sub-block network for internet breakout at district level shall be made over by the PIA.</li> </ul>	We understand that <b>at State Data Center</b> , GFGNL is going to provide Space and Power for all Kind of Routers, Switches , EMSs , all kind of Server and FDMS(OFC) in their existing rack without any cost to bidder . Kindly confirm.	Duplicate Query, Please refer the query answered above



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
327	SECTION-5 SCOPE OF WORK	26. Network Design:	<p><b>Category-2: Aggregation Layer (Sub-Block to Master-Block),</b></p> <ul style="list-style-type: none"> <li>• Aggregation layer connectivity is between Sub-Block to Master-Block (DWDM node).</li> <li>• Each block requires at least three OFC path (2CNO) to protect block router's traffic.</li> <li>• The Routers and RFMS at Sub-block along with configuration, cards and SFPs shall be made over by the PIA.</li> </ul> <p><b>Category-3: Express/Core Layer (Master-block to State Data Center),</b></p> <ul style="list-style-type: none"> <li>• Express/Core Layer connectivity is between Master-Block to State Data Center.</li> <li>• Backhaul Transport network from each district to State Data center is for Intranet traffic only and requires at least three OFC path (2CNO) to protect parenting block router's traffic.</li> <li>• The Routers and RFMS at Master-block along with configuration, cards and SFPs for aggregation of sub-block network for internet breakout at district level shall be made over by the PIA.</li> </ul>	We understand that , RFMS is already installed and working in BharatNet Phase-II network so , NEW RFMSs are not required for BharatNet Phase-II area. Kindly confirm.	RFMS with 40dB dynamic range and 24 ports are to be deployed for monitoring of Phase-I GPs in this RFP. Further, It is the bidder's responsibility to monitor Ph-II GPs through existing RFMS on as is where is basis or bidder may consider new RFMS without any additional cost to GFGNL.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
328	SECTION-5 SCOPE OF WORK	26. Network Design: (Page No. 119)	l) PIA has to provision Internet Lease line bandwidth at Sub-blocks to carry Gram Panchayats traffic up to State capital i.e. State data center.	We understand that this is a Internet circuit provisioning from GP to State Data Center instead of Internet Leased Line bandwidth leasing from ISP/Telcos . Kindly confirm.	Removed. Please see revision
329	SECTION-5 SCOPE OF WORK	26. Network Design: (Page No. 119)	l) PIA has to provision Internet Lease line bandwidth at Sub-blocks to carry Gram Panchayats traffic up to State capital i.e. State data center.	We understand that if Internet Leased Line to be provision at Sub-Block in that case Space and Power for ISP/Telocs to be provided by GFGNL as Infra belongs to GFGNL . Kindly confirm.	Responded as above
330	SECTION-5 SCOPE OF WORK	26. Network Design: (Page No. 119)	l) PIA has to provision Internet Lease line bandwidth at Sub-blocks to carry Gram Panchayats traffic up to State capital i.e. State data center.	Kindly confirm the Internet Leased Line bandwidth calculation at Sub-Block Location.	Responded as above
331	SECTION-5 SCOPE OF WORK	26. Network Design: (Page No. 119)	l) PIA has to provision Internet Lease line bandwidth at Sub-blocks to carry Gram Panchayats traffic up to State capital i.e. State data center.	Kindly guide the Total Internet Leased Line bandwidth requirement at Sub-Block Location.	Responded as above

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
332	SECTION-10 SPECIAL TECHNICAL CONDITIONS	305 Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS (Page No.305)	xi. Wherever the existing electricity poles are not available; the PIA shall erect a 7 Meter RCC pole. Payment of the quoted/ finalized price, shall be made for such RCC Poles, including supply, installation and O&M for the entire contract period, on uploading of the Photos/video as per specifications. The PIA shall have to replace such poles damaged for any reason whatsoever during the contract period without any additional cost to GFGNL.	<b>"Payment of the quoted/ finalized price, shall be made for such RCC Poles, including supply, installation and O&amp;M for the entire contract period, on uploading of the Photos/video as per specifications"</b> . Kindly include this line items with quantity in Financial Bid Format for package - A & B, so that price can be quoted accordingly for payment.	This RFP is solution based EPC model which includes Operation & Maintenance, Preventive & Corrective maintenance.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
333	SECTION-5 SCOPE OF WORK	5.10 LAST MILE CONNECTIVITY TO THE VILLAGES (Page No.134 &135)	<p>iv. Wherever, such electricity poles are not available/used, the PIA is required to erect <b>wooden/ G.I. poles</b> at the required intervals so that the OFC withstands normal climatic disturbances</p> <p>xi. Wherever the existing electricity poles are not available; the PIA shall erect a <b>7 Meter RCC pole</b>. Payment of the quoted/ finalized price, shall be made for such RCC Poles, including supply, installation and O&amp;M for the entire contract period, on uploading of the Photos/video as per specifications. The PIA shall have to replace such poles damaged for any reason whatsoever during the contract period without any additional cost to GFGNL.</p>	Kindly guide where to use Wooden Pole, G.I.Pole and RCC pole as all three are having different price /cost with different life cycle and property . Kindly define guideline and include each type in Financial Bid Format sheet with quantity .	Responded as above
334	SECTION-5 SCOPE OF WORK	5.2 DETAILED SCOPE OF WORK (Page No. 108)	xi. Selected PIA has to consider the Vadodara as a Disaster recovery (DR) at Vadodara State DR for Existing State Data center at Gandhinagar and should plan the OFC network in between the Vadodara and Gandhinagar.	Kindly share the complete requirement of IT & Non-IT components of Vadodara as a Disaster recovery (DR) at Vadodara State DR.	IT and Non-IT components in DR are out of scope for the Bidder. The bidder's scope related to DR is limited to fiberization(2CNO) only while designing and optimizing the network.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
335	SECTION-5 SCOPE OF WORK	5.2 DETAILED SCOPE OF WORK (Page No. 108)	xi. Selected PIA has to consider the Vadodara as a Disaster recovery (DR) at Vadodara State DR for Existing State Data center at Gandhinagar and should plan the OFC network in between the Vadodara and Gandhinagar.	Kindly share the lat-long of Vadodara Disaster recovery (DR) location.	22.302391026475245, 73.19585185749432 within Vadodara DC premises
336	SECTION-10 SPECIAL TECHNICAL CONDITIONS	Annexure: G (Page No.440)	Annexure: G List OF GP BharatNet Phase-I and Phase-II	Kindly share the lat-long of all the GPs of Phase-I & Phase-II	We have already provided all GP list with LGD code and asset details. We have given you 15 days time for survey on Page No.153 note i. Further, we advised to send authorized person for site visit. In case, any network confidential information is required, Please send your authorized person with NDA for better know-how.
337	SECTION-10 SPECIAL TECHNICAL CONDITIONS	Annexure: G (Page No.440)	Annexure: G List OF GP BharatNet Phase-I and Phase-II	Kindly share the kml/shp file of all the Phase-I & Phase-II network including point and line data .	We have already provided all GP list with LGD code and asset details. We have given you 15 days time for survey on Page No.153 note i. Further, we advised to send authorized person for site visit. In case, any network confidential information is required, Please send your authorized person with NDA for better know-how.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
338	SECTION-10 SPECIAL TECHNICAL CONDITIONS	Annexure C: ENGINEERING INSTRUCTIONS FOR UNDERGROUND OPTICAL FIBRE CABLE LAYING WORKS(Page No.338)	Dimension Of MH/HH Chambers: # Description HEIGHT IN JOINT CHAMBER (1+1 COLLAR EACH COLLAR 50CM HEIGHT) Proposed Chamber Specifications: 80 CM Height Remarks ONLY 1 COLLAR OF 80CM HEIGHT IS USED	Kindly confirm total Height of MH/HH Chamber is 80 Cm <b>OR</b> 100 cm?	Specification along with drawing is provided for your convenience, Please see Revision
339	SECTION-10 SPECIAL TECHNICAL CONDITIONS	Annexure A: TECHNICAL SPECIFICATIONS	Installation Accessories and fixtures of Self-Supporting Metal free Optical Fibre Cable TEC GR Standard No.: TEC 87060:2017, with latest amendments if any	Under TEC GR Standard No.: TEC 87060:2017, with latest amendments if any, which Installation Accessories and fixtures to be used Viz. Helix Type-I, Helix Type-II and Wedge Type-III. Kindly confirm.	As per RFP
340	SECTION-3 ELIGIBILITY CRITERIA	3.1 PRE-QUALIFICATION CRITERIA (Page no. 37)	MAF 6.1 The Sole Bidder or lead Bidder (in case of consortium) should submit valid letter from each of the OEM (one and only one OEM for each component)	This clause contradicts <b>clause II in Notes:1 on page 39</b> which allows multiple OEM's, please clarify	Thanks for highlighting, It was typo error. Refer the Revised clause.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
341	SECTION-3 ELIGIBILITY CRITERIA	Note 2: Consortium Criteria: (Page No.42)	2.Only One Consortium is allowed. Consortium shall be not exceed more than two(2) including the lead bidder. And it should be any of the active component's OEM till the entire contract duration and act as a key knowledge partner.	Kindly allow any suitable partner meeting the consortium partner criteria instead of active OEM only.	Duplicate with Query, Kindly refer the answer in Query (159)
342	SECTION-6 PROJECT TIMELINES	6.1 PROJECT TIMELINES( Page no. 183)	<b>T+3 Months</b> Aggregate commissioning of 1% of Phase-I in a ring visible on the S-NOC with IP-MPLS with village connectivity	Commissioning time lines should be extended to <b>T+6 Months</b> from T+3 Months accordingly other commissioning timelines should be managed, it's required due to the typically lengthy lead times for site surveys, design, and material delivery from OEMs	Please see revised RFP Clause

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
343	SECTION-5 SCOPE OF WORK	5.13.1 INFRASTRUCTURE Page 143, Clause o.	Infrastructure developed through any authorized third party of GFGNL for BharatNet Phase III ,like backhaul /network upgradation, power backup- utility upgradation will be manage by the selected bidder without any additional cost to GFGNL. In Summary, In case, if any other type of electronics equipment (to be installed at centralized as well as field locations) will be procured for this Network in future through separate tender, the selected PIAs will be responsible to perform O&M of those devices.	As there shall be additional efforts in terms of OEM support ATS, spares and manpower local travel, consumables for preventive maintenance etc, so PIA should be allowed to submit the cost for the same before starting O&M in such cases. Manpower cost is not included here considering the manpower shall already be available at NOC and Field.	Please see Clause V in notes in section 8 of Financial bid for responsibility and payments.  However, In brief following is the response.  i) AMC Covers: Responsibility of the GFGNL. the bidder will not have to buy. ii) Spares if any: Responsibility of the GFGNL to provide right to use the spare. The bidder will not have to buy separately. iii) Operation and Management and service provisioning through GFGNL tools: Responsibility of the selected PIA. For this GFGNL will pay 2% of field equipment cost per annum, 1% of centralized equipment cost( installed at SDC) as O&M Charges for managing the SLAs through AMC cover and spares without adding any delay at the end of PIA. The delay at the end of AMC provider will not be counted in the fault bucket of PIA.
344	SECTION-5 SCOPE OF WORK	5.13.1.2 INFRASTRUCTURE HANDOVER TAKEOVER Page 156, Clause a.	The selected agency will be responsible to complete the transfer of Knowledge & Handing/Taking over activity from existing agency within timeframe mentioned in related section.	We understand that Existing PIA agency should be responsible for giving proper Handover and taking acceptance from new PIA and customer.	The fundamental selection criteria is to look for expert fiberization organization , professionally well versed with this transition and hence, it is very basic activity expected from the potential bidders within stipulated timeframe explicitly mentioned in the RFP.



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
345	SECTION-5 SCOPE OF WORK	5.13.3 HAND-OVER/TAKE-OVER EXISTING OPERATION (APPLICABLE FOR PHASE-I & PHASE-II NETWORK) Page 158, Clause i.	f) The existing O&M agencies shall handover the network Block wise, for those blocks, where at least 50% GPs are having optical power as specified above.	Likewise its is expected from new PIA that 95% GPs should be ready to get Go Live for newly installed infrastructure, same condition of 95% should be applicable on existing PIAs before giving handover the existing infrastructure to new PIA. Kindly confirm.	Adequate risk coverage is provisioned in the RFP for both GFGNL and PIA as additional payment over and above the bid value,  For Phase-I, in between of 10% to 20% of existing network shall be paid by the GFGNL. At the same time, beyond opted limit in between 10% to 20%, the PIA have to do that replacement without cost to GFGNL. For Phase-II, in between of 5 % to 10% of existing network shall be paid by the GFGNL. At the same time, beyond opted limit in between 5% to 10%, the PIA have to do that replacement without cost to GFGNL.
346	SECTION-5 SCOPE OF WORK	5.13.3.1 (A1) MILESTONES AND TIME LINES Toll Gate 1: Pre-Handover Preparation Page 159, Clause 1.2.	1.2. Documentation Review: The new O&M Bidder shall review all documentation, including network diagrams, asset lists, asbuilts, inventories and maintenance records. New O&M Bidder will be solely responsible to modify as per the field conditions and update the records by preparing the valid documentations and approval from authorized GFGNL officials.	We understand that the responsibility of existing PIA to update and share the latest documentation to new PIA. New PIA shall validate the same and confirm the issues (if any). In case of any issues which needs to be resolved in order to comply to SLAs, existing PIA must resolve before the handover is considered to be completed. Please confirm	Responded as above

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
347	SECTION-5 SCOPE OF WORK	5.13.8 PERIODIC MAINTENANCE, Page 172, Clause I	In case of theft/physical damage (Repair not possible -RNP) to the Network components / equipment, the equipment shall be replaced with equivalent or higher configuration/Capacity by selected Bidder	Please share the blockwise historical (2 Years) details of such incidents to estimate accurate costing Following fields in details should be there: 1. GP/ office Name 2. Block Name 3. District Name 4. Impacted equipment type (Router, OLT, ONT, Switches etc). 5. Case description 6. Date and time of reporting issue 7. Solution provided by existing PIA 8. Date and time of issue closure	Near to zero theft reported in the BharatNet Phase-II.The physical damages is part of the routine payable O&M.
348	SECTION-5 SCOPE OF WORK	5.13.8 PERIODIC MAINTENANCE, Page 172, Clause III	If the OFC cable cut is such that the cable has been damaged for distance more than 300 meter by any external Bidder, then State/SIA shall bear cost of cable/PLBE. But the BIDDER shall bear the cost of workmanship and other store like splicing, jointing kits etc. Below 300 mtr of damage, BIDDER will bear all the cost of restoration including material and workmanship.	Please share the blockwise historical(2 Years) details of such incidents to estimate accurate costing Following fields in details should be there: 1. GP/ office Name 2. Block Name 3. District Name 4. Case category(>300 m or < 300 m) 5. Actual impacted Length of cable 6. Cable size (number of cores) 7. Lat long of the cable cut location 8. Reason of cable cut 9. Date and time of reporting issue 10. Solution provided by existing PIA 11. Date and time of issue closure	Responded as above

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
349	SECTION-5 SCOPE OF WORK	5.13.8 PERIODIC MAINTENANCE, Page 172, Clause IV	If the pole has fallen down or replaced by electricity department/external Bidder and cable has been damaged such that it cannot be used further, then State/SIA shall bear cost of cable, Pole (if required) and other pole kits. But the BIDDER shall bear the cost of workmanship and other store like jointing kits etc	Please share the blockwise historical(2 Years) details of such incidents to estimate accurate costing Following fields in details should be there: 1. GP/ office Name 2. Block Name 3. District Name 4. Case category(Pole fallen/redevelopment by electricity department/other agency 5. Actual impacted Length of cable(if cable is impacted) 6. Cable size (number of cores) 7. Lat long of the pole location 8. Exact Reason of cable cut(if any) 9. Date and time of reporting issue 10. Solution provided by existing PIA 11. Date and time of issue closure	No Such incident happened except declared cyclone in the history.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
350	SECTION-5 SCOPE OF WORK	5.13.6 FAULT RESTORATION SERVICE	a) PIA may deploy a dedicated fault resolution team (FRT) at the Block level and at any suitable places like annexure-high speed corridor route atleast a one patrolling resource at every 250Km or it will be further decided by the GFGNL for effectively management and strengthen of network .This distance is indicative however, PIA has end to end responsibility to manage the SLA and resource can be increase to achieve SLA without further cost to GFGNL.	Please share the blockwise historical(2 Years) details of such incidents to estimate accurate costing Following fields in details should be there: 1. GP/ office Name 2. Block Name 3. District Name 4. Cable damage category(>300 m or < 300 m) 5. Actual impacted Length of cable 6. Cable size (number of cores) 7. Lat long of the cable cut location 8. Reason of cable cut 9. Date and time of reporting issue 10. Solution provided by existing PIA 11. Date and time of issue closure	Mostly Fibre cuts happened in the case of development work including third party crossings. The cuts % are within the world wide permissible practices., below 3%.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
351	SECTION-5 SCOPE OF WORK	5.13.12 RESOURCE REQUIREMENT FOR FIELD OPERATIONS	Field Engineer-1 at each block	<p>Please share the blockwise details of historical(last 1 year) Trouble tickets for each type of incidents whose SLAs are there in RFP to estimate accurate dimensioning of network engineers, spares and consumables for active/passive devices.</p> <p>Following fields in details should be there:</p> <ol style="list-style-type: none"> <li>1. GP/ office Name</li> <li>2. Block Name</li> <li>3. District Name</li> <li>4. Impacted equipment type (Router, OLT, ONT, Switches, UPS, Solar, Stabilizer etc).</li> <li>5. Issue description</li> <li>5. TT creation date and time</li> <li>6. TT closure date and time</li> <li>7. RCA</li> </ol>	The average uptime of the network in BharatNet Phase-II in Gujarat is ~ 96% and Phase-I in Gujarat is ~60%. And Hence, for bidding purpose bidder may consider average uptime as base assumption.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
352	SECTION-5 SCOPE OF WORK	5.13.9 OTHER NETWORK O&M PARAMETERS	h. The scope of work to be undertaken by the bidder for Operations & Management and Comprehensive Annual Maintenance Contract (CAMC) of the Active and Passive Infrastructure for the GFGNL is mentioned below.	Please share Itemwise details of existing inventory about existing AMC validity, OEM, EoS Dates, upgrade status etc to identify the itemwise start dates of AMC and estimate the cost of AMC.	<p>The Question is related with AMC. Let us clarify in writing as below for three types of circumstances, viz- a -viz Phase-II equipment, Phase-I equipment and New Phase-III equipment.</p> <p><b>Phase-II Equipment:</b> AMC Governance and Contractual Obligations: The Contract for BharatNet Phase-II was awarded in Jan-2019 with 7 years spare and service support from Oct'2020 onwards. Therefore, it is the responsibility of successful PIA to complete the Go-live part including traffic migration within the warranty support period. In case any spill over in the traffic migration beyond this period then PIA is obliged to maintain the equipment without additional cost to the GFGNL. PIA shall obtain AMC to maintain SLA as part of O&amp;M of existing network.</p> <p><b>Phase-I Equipment:</b> AMC Governance and Contractual Obligations: The Contract for BharatNet Phase-I was awarded in Jan-2015. The bidder is asked to factor in 2 years AMC cost as part of CAPEX cycle. Therefore, it is the responsibility of successful PIA to complete the Go-live part including traffic migration within the CAPEX life cycle. In case any spill over in the traffic migration beyond CAPEX life cycle then PIA is obliged to maintain the equipment without additional cost to the GFGNL.</p> <p><b>New Phase-III Equipment:</b> AMC Governance and Contractual Obligations : Please see revised clause in corrigendum.</p>

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
353	SECTION-5 SCOPE OF WORK	5.13.4 NETWORK INVENTORY	a. The PIA would be required to maintain an inventory of all the components used in the network and the spares available at the different levels and locations	Please confirm that during the O&M phase, whether the warehouse for keeping the spares at BHQ/DHQ shall be provided by GFGNL or bidder to consider the cost of the same.	Warehouse for keeping the spares at BHQ/DHQ shall be in scope bidder.
354	General	General	General Support from Existing PIA	We understand that a) Existing PIA agency should be responsible till migration of all existing phase-I & phase-II GPs & exiting Infra . b) Any licence support of existing infra till migration will be responsibility of existing PIA	Kindly refer Handover-Takeover section, timelines and associated responsibilities.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
355	SECTION-4 INSTRUMENTS TO BIDDERS	4.21 REPRESENTATIONS AND WARRANTIES Clause (Page No.61)	7.If it becomes necessary for the PIA/ Supplier to replace or renew any defective portion(s) of the equipment/works under this clause, the provisions of the clause shall apply to the portion(s) of the equipment/works so replaced or renewed or until the end of the above mentioned period as specified. <b>If any defect is not remedied by the supplier within a reasonable time, the Purchaser may proceed to get the defects remedied from other supplier/contractor/PIA etc., at the supplier's risk and expenses, but without prejudice to any other rights which the purchaser may have against the PIA/supplier in respect of such defects.</b>	The condition that GFGNL reserves the right to remedied the defects at the risk and cost of the defaulting vendor actually puts the vendor in UNLIMITED/UNCAPPED RISK, As there are multiple penalties already applicable, it is requested that the said clause may be removed.	As per RFP
356	SECTION-4 INSTRUMENTS TO BIDDERS	4.33 TERMINATION BY THE TENDERER (Page No.66)	VIII. GFGNL on behalf of USOF, DoT may, without prejudice to any other remedy for breach of contract, by written notice of default, sent to the Contractor, terminate this contract in whole or in part.....	There is no standard defect cure period mentioned in the provision and hence the vendor suggest to provide minimum 45 days defect cure notice period to the defaulting vendor to cure the breaches if any and only upon its failure to do so, GFGNL may terminate the affected portion of the scope of work.	As per the RFP clause



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
357	SECTION-4 INSTRUCTIONS TO BIDDERS	4.33 TERMINATION BY THE TENDERER (Page No.67)	X. In the event GFGNL on behalf of USOF, DoT terminates the contract in whole or in part, GFGNL on behalf of USOF, DoT may procure, upon such terms and in such manner as it deems appropriate, works similar to those undelivered and the Contractor shall be liable to GFGNL on behalf of USOF, DoT for any excess cost for such similar works. However, the Contractor shall continue the performance of the contract to the extent not terminated.	The condition that GFGNL reserves the right to remedied the defects at the risk and cost of the defaulting vendor actually puts the vendor in UNLIMITED/UNCAPPED RISK, As there are multiple penalties already applicable, it is requested that the said clause may be removed.	As per the RFP clause

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
358	SECTION-4 INSTRUCTIONS TO BIDDERS	4.33 TERMINATION BY THE TENDERER (Page No.67)	XII. Termination for Convenience: GFGNL on behalf of USOF, DoT, may, by prior written notice sent to the contractor at least 03 months in advance, terminate the Contract, in whole or in part at any time for its convenience. The notice of termination shall specify that termination is for USOF, DoT's/ GFGNL's convenience, the extent to which performance of work under the Contract is terminated, and the date upon which such termination becomes effective.	In the event of termination of the Contract by GFGNL for any reason whatsoever, GFGNL shall pay the vendor the following amounts: (a) The Contract Price, attributable to the parts of the Equipment(s)/Work(s) executed including goods and services delivered (including also the Work in Progress) by the vendor up to the date of termination. In respect of capital items deployed in the Project, GFGNL must purchase at the Written Down Value (WDV) from the vendor all IT & non-IT infrastructure and the hardware and software deployed. The costs reasonably incurred by vendor in the ramp down / disengagement of vendor's and its subcontractors' personnel; (c) Any amount to be paid by vendor to its subcontractors in connection with the termination of any subcontracts, including any cancellation charges; (d) Costs incurred by vendor in protecting the Equipment(s)/ Work(s) and leaving the site in a clean and safe condition pursuant to this clause; and (e) The cost of satisfying all other obligations, commitments, and claims that vendor may in good faith have undertaken with third parties in connection with the	As per the RFP clause

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
				<p>contract            Work in progress. The term “work in progress” shall include but not limited to the value of goods and services meant for delivery to the Purchaser (i) for which manufacturing process was initiated by vendor; or (ii) order was placed by vendor on its vendors, prior to the date of termination.</p>	

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
359	SECTION-4 INSTRUMENTS TO BIDDERS	4.33 TERMINATION BY THE TENDERER (Page No.67)	XIII. GFGNL reserves the right to discontinue the contract any time in future depending upon directions from USOF, DoT	The provision seems inclined towards termination for convenience by GFGNL upon the occurrence of events set out in the provision. Please explain the purpose behind putting these conditions as it may dearly affect the vendor's financial condition and its commitment towards the other parties who are collaborating with him for execution of the project.	The project mainly funded by USOF/DOT/GOI, hence final decision will be abide to state/GFGNL as well as bidders/PIAs.
360	SECTION-4 INSTRUMENTS TO BIDDERS	4.34 INDEMNIFICATION (Page No.67)	Indemnitees	The indemnity claimed by GFGNL is very broad and hence Bidder suggests the following for mutual acceptance "Each party shall indemnify the other from and against any claims by third parties (including any governmental authority and expenses (excluding legal fees and court costs) arising from damage to tangible property, personal injury or death caused by such party's negligence or wilful misconduct". GFGNL post passing of award make this provision negotiable for the selected bidder is another option for mutual closure.	As per RFP

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
361	SECTION-4 INSTRUCTIONS TO BIDDERS	4.36 LIMITATION OF LIABILITY (Page No.70)	Limitation of Liability	Please include the following provision within the tender "Bidder's aggregate liability arising out of or in connection with the contract, whether based on contract, tort, statutory warranty or otherwise, shall be limited to an aggregate of most recent 12 months of the charges collected by the bidder under the affected order. The Bidder shall not be liable for any special, indirect, incidental or consequential damages of any kind including but not limited to loss of use, data, profit, income, business, anticipated savings, reputation, and more generally, any loss of an economic or financial nature, whether these may be deemed as consequential or arising directly and naturally from the incident giving rise to the claim".	The liability shall not exceed 25% of total capex value of the awarded work order to PIA for ease of doing business.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
362	SECTION-4 INSTRUCTIONS TO BIDDERS	4.44 PATENT RIGHTS, COPY RIGHT & IPR (Page No.75)	iv. The contractor shall indemnify GFGNL against all third-party claims of infringement of patent, trademark or industrial design rights arising from use of the Service / goods or any part thereof in Indian Telecom Network.	The indemnity claimed is too broad and hence we suggest as under:  Vendor shall indemnify and hold harmless GFGNL against any third party claim that any of the vendor's deliverables created or material otherwise provided by vendor hereunder infringes a copyright patent of a third party. GFGNL shall promptly notify vendor of any third party claim and vendor shall at its option conduct the defence in any such third party action arising as described herein at vendor's sole expense and vendor shall cooperate with such defence. Vendor indemnification shall not extend to any such liability which arises as a result (a) use of vendor's deliverables or services in a manner inconsistent with instructions or documentation provided by vendor; (b) combination of vendor's deliverables or services with software or other programs not provided by vendor.	As per RFP

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
363	SECTION-4 INSTRUCTIONS TO BIDDERS	4.55 SET OFF (Page No.80)	4.55 SET OFF Any sum of money due and payable to the Contractor (including security deposit refundable to him) under this contract may be appropriated by GFGNL or any other person(s) contracting through GFGNL and set off the same against any claim of GFGNL such other person or person(s) for payment of a sum of money arising out of this contract or under any other contract made by the Contractor with GFGNL or such other person(s) contracting through GFGNL.	Please revise the provision as under: Any sum of money due and payable to the vendor (including security deposit refundable to him) under this contract may be appropriated by the GFGNL or any other person(s) contracting through GFGNL and set off the same against any claim of the GFGNL or such other person or person(s) for payment of a sum of money arising out of this contract only.	Please see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
364	SECTION-4 INSTRUCTIONS TO BIDDERS	4.56 FALL CLAUSE (Page No.80)	Fall Clause	Since price quoted by individual vendors for such huge projects are dependent on many variables, we presume this clause is intended for small scale annual rate contract and not applicable for this turnkey tender. You are requested to please (a) delete this clause OR (b) qualify this clause with current fiscal year; as the terms and conditions may differ and wont be same as referred in the RFP, project management criteria shall be different from the other contract, the reduction in rate as per this clause referring to any other contract shall not be appropriate and logical.	As per the RFP clause



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
365	SECTION-4 INSTRUCTIONS TO BIDDERS	4.60 APPENDIX-1 - CRITICAL INSTRUCTIONS TO BIDDER 4.2 (Page No.84)	Under take purchase/ work for balance quantity at the risk & cost of defaulting vendor.....	<p>The condition that GFGNL reserves the right to remedied the defects at the risk and cost of the defaulting vendor actually puts the vendor in UNLIMITED/UNCAPPED RISK which is unreasonable, more due to the fact that there are multiple penalties already applicable. Hence, this paragraph may be accordingly amended to incorporate cap of 10% on the risk cost.</p> <p>The risk and cost have been charged in various provisions by GFGNL including but not limited to Section 4.56 (b) on page no. 80, Section 4.59 II on page no. 81, Section 4.59 (d) on page no. 95.</p>	As per the RFP clause
366	SECTION-4 INSTRUCTIONS TO BIDDERS	APPENDIX-1 4.1, 4.2, 5.1, 6, 7, 10 (Page No.84 and 85)	Failure to supply and/ or Commission the equipment and /or execution of the work at all even in extended delivery schedules, if granted against PO/ WO.....	<p>We request GFGNL to kindly revise the clause as : Defaults by the vendor in the performance of its delivery obligations shall render the vendor liable to the following:-</p> <ul style="list-style-type: none"> <li>- Short closure of the contract in part or full and/ or termination of the contract for default after serving a notice of 30 days to the vendor to cure the defect. Further the vendor shall not be liable for cost for replacement services in any event and only applicable penalties agreed under the agreement will be deducted.</li> </ul>	As per RFP

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
367	SECTION-4 INSTRUCTIONS TO BIDDERS	4.60 APPENDIX-1 - CRITICAL INSTRUCTIONS TO BIDDERS 2.2 (Page No.85)	5.2. Major quality problems (as established by a joint team / committee of User unit(s) and QA package) / performance problems and non-rectification of defects (based on reports of field units and QA package)	Please specify the amount of penalty chargeable here.	Please refer the section 7.3 for better understanding
368	SECTION-4 INSTRUCTIONS TO BIDDERS	4.60 APPENDIX-1 - CRITICAL INSTRUCTIONS TO BIDDERS 10.(Page No.87)	10. If the vendor does not return/refuses to return GFGNL's dues.....	Please specify the dues payable in the provision for which severe consequences may arise upon failure of vendor to return them to GFGNL.	This is Standard GFR clause

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
369	SECTION-4 INSTRUMENTS TO BIDDERS	4.69 DELAYS IN THE CONTRACTOR'S PERFORMANCE (Page No.95)	DELAYS IN THE CONTRACTOR'S PERFORMANCE	<p>The condition "The cancellation/short closing of order shall be at the risk and responsibility of the vendor and GFGNL reserves the right to purchase balance unsupplied item at the risk and cost of the defaulting vendors" puts the vendor in UNLIMITED/UNCAPPED RISK which is unreasonable, more due to the fact that there are multiple penalties already applicable. Hence, this paragraph may be deleted.</p> <p>Justification: 4.69.2 Delay by the vendor in the performance of its delivery obligations shall render the PIA liable to any or all of the following sanctions: (a) forfeiture of its performance security, (b) imposition of penalty and/or (c) Short closure of the contract in part or full and/or termination of the contract for default. These provisions are severe enough.</p> <p>All risk and expense provision appearing in different provisions of the RFP should be deleted considering the above rationale.</p>	Please revisit the RFP clause 4.69, Performance of the services shall be made by the PIA in accordance with the time schedule specified in the purchase order/ work order, However, works are not completed in the stipulated period, before taking such action of short-closure/ cancellation of purchase order/ work order, GFGNL shall serve, four (04) written notices of default, to the PIA at an interval of ten(10) days after each notice. Which enable PIA with sufficient access to rectify matter.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
370	SECTION-9 ANNEXURES & FORMATS	9.11 Format-XI (EMD) (Page No.246)	2. We the Bank do hereby undertake to pay the amounts due and payable under this guarantee without any demur, merely on a demand from GFGNL stating that the amount claimed is due by way of loss or damage caused to or would be caused to or suffered by GFGNL.....	Please remove "would be caused to" from the provision as it didn't cause any damage or loss to GFGNL and there is always a room for improvement.	It is already aligned with Central ABP RFP
371	SECTION-5 SCOPE OF WORK	5.1	iv. Wherever, such electricity poles are not available/used, the PIA is required to erect wooden/ G.I. poles at the required intervals so that the OFC withstands normal climatic disturbances.  xi. Wherever the existing electricity poles are not available; the PIA shall erect a 7 Meter RCC pole.	7m RCC Poles / GI/Wooden Poles to be used in case electrical poles are not there.... Please specify which type of pole can we use ?	It is the PIA's responsibility to maintain, & manage overhead Cable without diluting uptime/ SLA. The Pole must be stable enough to withstand against external environment. The wooden/G.I. Poles is not allowed. The pole should be proper and of RCC. The alternative technology in space connectivity is also an option given to PIA for cost effective medium.
372	SECTION-5 SCOPE OF WORK	5.13.9	j) Existing GP Power backup/UPS having 1 KVA capacity with 2 hours back up, Bidder needs to upgrade it to achieve atleast minimum 8 Hours of Back up.	In Category-1: Access Layer of Network design, it is mentioned to provide UPS with batteries having 6 Hrs power backup and solar panel. Please clarify if in Existing GP, 6 hours of power backup is required.	Minimum 6 hours power back up is required in all GPs under this RFP

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
373	Annexure-F	Annexure-F for existing rates of OFC rectification work	GFGNL competent authority has approved below mentioned line item rates for OFC rectification work to be carried anywhere in Package A & B of BharatNet Phase-II Project	Will the same rate be considered for Phase I network rectification work? Kindly confirm	Yes as per clarification sought
374	SECTION-5 SCOPE OF WORK	5.13.8	VII: For more than 300 meters road/path length/running meter, Selected bidder will be solely responsible for this additional/replacement work of fibre including shifting infrastructure /chamber shifting/rework that needs to be carried out. For this Cost (material as well as workmanship/labour cost) of all O&M activities will be borne by State/SIA. In this State/SIA will pay 70% of labour as well as material cost on discovered rates from this tender.	It is requested that beyond 300 m, the 100% cost for all O&M activities including additional/replacement work of fibre including shifting infrastructure /chamber shifting/rework shall be borne by the state/SIA. Kindly confirm.	No change in RFP clause
375	SECTION-5 SCOPE OF WORK	5.13.8	VII: For more than 300 meters road/path length/running meter, Selected bidder will be solely responsible for this additional/replacement work of fibre including shifting infrastructure /chamber shifting/rework that needs to be carried out...	It is requested that the clause be amended as follows: For more than 100 meters road/path length/running meter, Selected bidder will be solely responsible for this additional/replacement work of fibre including shifting infrastructure /chamber shifting/rework that needs to be carried out.....	No change in RFP clause

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
376	SECTION-7 SERVICE LEVEL AGREEMENT(SLA) & PENALTY	7.8 PENALTY FOR DEVIATION FROM STANDARD ENGINEERING INSTRUCTIONS FOR FIBRE LAYING (UNDERGROUND AND AERIAL)	Table 3.7	Is protection required for depth > 165 cm for Soft strata and >120 cm for hard strata? Kindly confirm.	No as per table no 3.7 in RFP
377	SECTION-7 SERVICE LEVEL AGREEMENT(SLA) & PENALTY	Annexure C	e) Specifications of Materials to be used- PP Rope.	It is mentioned as optional, please share details on when and where to be used ?	It is up to bidder to use PP rope as its kept as optional in this RFP

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
378	SECTION-3 ELIGIBILITY CRITERIA	3.1 PRE-QUALIFICATION CRITERIA	6. MAF The Bidder or the lead member (in case of Consortium) should submit valid Manufacturer Authorization Form (MAF) from maximum one(1) for all passive components (Like, (all types of OF Cables, Duct, Joint Closures (SJC & BJC), FDMS & FTB) and up to maximum one (1) OEMs for all active components (Routers, RFMS, UPS & Racks)	We request you to allow multiple MAFs	Query answered above
379	SECTION-10 SPECIAL TECHNICAL CONDITIONS	Serial 8 (Page no. 297)	VIII. Technical Specifications for LAN Switch TEC GR Standard No.: TEC 48060:2023, with latest amendments if any or NDPP certified	Please specify location wise BoQ for 24 port switch and 8 Port POE switch requirement	Please see revision
380	SECTION-10 SPECIAL TECHNICAL CONDITIONS	Serial 8 (Page no. 297)	VIII. Technical Specifications for LAN Switch TEC GR Standard No.: TEC 48060:2023, with latest amendments if any or NDPP certified	Do you require Layer 3 advance features for 8 port POE switch, please clarify	Please see revision
381	SECTION-10 SPECIAL TECHNICAL	Serial 8 (Page no. 297)	VIII. Technical Specifications for LAN Switch TEC GR Standard No.: TEC 48060:2023, with latest amendments if any or NDPP certified	Please clarify on type of endpoints and connectivity diagram that will be connected to 24 port switch and 8 port POE Switch	Please see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
	CONDITIONS				
382	SECTION-10 SPECIAL TECHNICAL CONDITIONS	Serial 8 (Page no. 297)	VIII. Technical Specifications for LAN Switch TEC GR Standard No.: TEC 48060:2023, with latest amendments if any or NDPP certified	Guidelines for aggregator switch is given in TEC 48060:2023, 8 port POE switch is not to be used aggregation switch, please clarify	Please see revision
383	SECTION-5 SCOPE OF WORK	5.7 ELECTRONICS INSTALLATION, page 130	k) For the Phase-I(At GP site) connectivity adding of L2 switch(minimum 24 port)/Mini OLT will be in the scope of selected bidder based on the concurrence of the GFGNL official.	Please clarify that L2 switch (minimum 24 port) at phase 1 GP site need to meet specification of TEC 48060:2023 (reference page no 297)	Please see revision



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
384	SECTION-5 SCOPE OF WORK	5.7 ELECTRONICS INSTALLATION, page 130	i) Provisioning Mini OLTs: PIA shall require to be installed Mini OLT at each GP for existing and upcoming connectivity from GP. The PIA is required to make provision for housing the same in the rack (cabinet) being provided by it as per technical specifications. Normally, the size of the Mini OLT is 1 RU. The PIA shall allow the power to the OLT to be tapped from the Power System being procured at the GP location. The PIA will also facilitate testing by the BNU's, whenever required, to ensure desired connectivity/uptime to all the FTTH customers of the housed OLT. The PIA shall supply, configure, and integrate the Mini OLTs with the MPLS network for last mile connectivity. Selected bidder has to ensure the proposed mini-OLT should support at least three (3) / Four (4) compatible ONT's for future network provisioning and avoid governance challenges.	Connectivity of OLT to be extended from GP MPLS Routers, Can you please clarify the locations in scope where OLT/ONT last mile connectivity to be extended from GP Routers	The proposed mini-OLT should support at least three (3) / Four (4) compatible ONT's for future network provisioning and avoid governance challenges. The purpose is within the overall framework of DBN.
385	SECTION-5 SCOPE OF WORK	Serial26 - Network design, page 119	l) PIA has to provision Internet Lease line bandwidth at Sub-blocks to carry Gram Panchayats traffic up to State capital i.e. State data center	Please clarify if ISP bandwidth to be provided by BSNL at sub-blocks location	Removed. Please see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
386	SECTION-5 SCOPE OF WORK	Serial26 - Network design, page 118	Category-3: Express/Core Layer (Master-block to State Data Center),  • The Routers and RFMS at Master-block along with configuration, cards and SFPs for aggregation of sub-block network for internet breakout at district level shall be made over by the PIA.	Please clarify technical and functional specifications, BoQ /SOR of internet breakout router, Cards, SFPs at State data center	The bid is on EPC model for blending, creativity of private sectors in fiberization, and cost optimization, measurable scientific outcome for simplified payments against numeric level deliverables which are clearly defined in the RFP for faster roll-out linked with timely payment for ease of doing business and high network uptime.
387	SECTION-5 SCOPE OF WORK	Serial26 - Network design, page 119	I) PIA has to provision Internet Lease line bandwidth at Sub-blocks to carry Gram Panchayats traffic up to State capital i.e. State data center	How much internet bandwidth at sub-block locations to carry internet traffic from Gram panchayat to State data center	Removed. Please see revision
388	SECTION-5 SCOPE OF WORK	Serial26 - Network design, page 119	I) PIA has to provision Internet Lease line bandwidth at Sub-blocks to carry Gram Panchayats traffic up to State capital i.e. State data center	Please clarify technical and functional specifications, BoQ /SOR of internet router, Cards, SFPs at Sub-blocks locations	The bid is on EPC model for blending, creativity of private sectors in fiberization, and cost optimization, measurable scientific outcome for simplified payments against numeric level deliverables which are clearly defined in the RFP for faster roll-out linked with timely payment for ease of doing business and high network uptime.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
389	SECTION-5 SCOPE OF WORK	Serial26 - Network design, page 119	<p>d) The PIA shall build transport architecture in three major distinct categories for connectivity across all Gram-Panchayats of BharatNet Phase-I and Phase-II in ring architecture.</p> <p>Category-1: Access Layer (Gram Panchayat to Sub-Block),</p> <ul style="list-style-type: none"> <li>• Access layer connectivity is between Gram-Panchayat to Sub-Block node.</li> <li>• Each GP requires at least two OFC path(1CNO) for establishing ring connectivity to protect Gram-Panchayat router's traffic.</li> <li>• The Network shall be made over Block wise with the GPs.</li> <li>• PIA shall provide below listed equipment at each GP. <ul style="list-style-type: none"> <li>— IP-MPLS Router with Cards and SFPs,</li> <li>— UPS with batteries having 6 Hrs power backup and solar panel.</li> <li>— Mini OLT,</li> <li>— Transmission Racks, Earthing, MCBs, FDMS etc.</li> </ul> </li> </ul> <p>Category-2: Aggregation Layer (Sub-Block to Master-Block),</p> <ul style="list-style-type: none"> <li>• Aggregation layer connectivity is between Sub-Block to Master-Block (DWDM node).</li> <li>• Each block requires at least three OFC path (2CNO) to protect block router's traffic.</li> <li>• The Routers and RFMS at Sub-</li> </ul>	Please share the BoQ/SOR details for all electronic equipments & non-IT, Passive items required at Category 1- Access layer (Gram Panchayat to Sub-Block), Category 2 - Aggregation layer (Sub Block to Master - Block) and Category 3 - Express/Core layer	The bid is on EPC model for blending, creativity of private sectors in fiberization, and cost optimization, measurable scientific outcome for simplified payments against numeric level deliverables which are clearly defined in the RFP for faster roll-out linked with timely payment for ease of doing business and high network uptime.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
			<p>block along with configuration, cards and SFPs shall be made over by the PIA.</p> <p>Category-3: Express/Core Layer (Master-block to State Data Center),</p> <ul style="list-style-type: none"> <li>• Express/Core Layer connectivity is between Master-Block to State Data Center.</li> <li>• Backhaul Transport network from each district to State Data center is for Intranet traffic only and requires at least three OFC path (2CNO) to protect parenting block router's traffic.</li> <li>• The Routers and RFMS at Master-block along with configuration, cards and SFPs for aggregation of sub-block network for internet breakout at district level shall be made over by the PIA.</li> </ul>		

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
390	SECTION N-5 SCOPE OF WORK	5.2 DETAILED SCOPE OF WORK, page 107	iv. Proposed BharatNet Phase-III Zones on Gujarat Map	For seeking more clarify on the design for access, aggregation and express layer, can you please include mapping of IP MPLS GP/sub block Routers, Block routers and District routers with site location (Blocks, GPs, Districts)	The bid is on EPC model for blending, creativity of private sectors in fiberization, and cost optimization, measurable scientific outcome for simplified payments against numeric level deliverables which are clearly defined in the RFP for faster roll-out linked with timely payment for ease of doing business and high network uptime.
391	SECTION N-5 SCOPE OF WORK	5.2 DETAILED SCOPE OF WORK, page 107	iv. Proposed BharatNet Phase-III Zones on Gujarat Map	Intranet traffic use backhaul link DWDM connectivity from 33 district node to SDC, Is there any technical, functional scope for backhaul layer, please provide more details for the BoQ /SOR of the backhaul link	The bid is on EPC model for blending, creativity of private sectors in fiberization, and cost optimization, measurable scientific outcome for simplified payments against numeric level deliverables which are clearly defined in the RFP for faster roll-out linked with timely payment for ease of doing business and high network uptime.
392	SECTION N-5 SCOPE OF WORK	Serial26 - Network design, page 119	h) The PIA may plan child rings only in case of the creation of GP ring directly from sub-block is not feasible due to distance from sub-block or any other justified reason. The PIA shall conduct a detailed survey and prepare the report for each case and submit it to GFGNL for approval of such Child Rings. Child GP ring is to be parented to one or two feasible GP router. The number of GPs in a child GP ring shall be maximum five (5).	Please provide tentative BOQ for child GP rings to be provisioned from feasible GP Router	The bid is on EPC model for blending, creativity of private sectors in fiberization, and cost optimization, measurable scientific outcome for simplified payments against numeric level deliverables which are clearly defined in the RFP for faster roll-out linked with timely payment for ease of doing business and high network uptime.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
393	General	General	General	Transmission material, router and DWDM deployed in Phase1 and Phase 2 are to be replaced with carrier grade routers at all GP and blocks. Mode of returning of removed material and transportation cost for the same is not clarified. Kindly clarify.	After the Go-Live and traffic migration, one time dismantling, proper packaging and transportation within Gujarat shall be in scope of bidder without any additional cost to GFGNL. The location will be conveyed by the GFGNL at the time of transportation.
394	SECTION-10 SPECIAL TECHNICAL CONDITIONS	IV. Technical Specifications for Routers (Page No.293)	4. Network - MPLS VPN All Service edge nodes in network should support: a. Layer 2 MPLS VPN b. Layer 3 MPLS VPN: Layer 3 MPLS VPN can be broadly classified in to Hub and Spoke VPN, MESH VPN, Extranet VPN, Multicast VPN GFGNL has procured additional equipment through a separate tender. Therefore, the bidder is required to plan the housing of this equipment within the same rack (cabinet), including provisions for power, space, and coordination. The objective is to create synergy among multiple vendors for seamless collective functioning.	Details of those electronics is to be shared to plan power & space in the rack. Kindly share.	The tentative plan of equipment will occupy nearby 40% of the rack space. The vacant rack space ownership is with GFGNL and thus the bidder without any condition facilitates housing of Electronics in the vacant space of the rack. The power related specifications for the rack has been mentioned in the RFP.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
395	SECTION-5 SCOPE OF WORK	5.13.1 INFRASTRUCTURE (Page no.143 )	o) Infrastructure developed through any authorized third party of GFGNL for BharatNet Phase-III ,like backhaul /network upgradation, power backup- utility upgradation will be manage by the selected bidder without any additional cost to GFGNL. In Summary, In case, if any other type of electronics equipment (to be installed at centralized as well as field locations) will be procured for this Network in future through separate tender, the selected PIAs will be responsible to perform O&M of those devices.	It will be highly difficult and impractical to take over and maintain the electronics - Scope and details of which are not known/disclosed. Hence the same is to be removed from PIA's scope. Kindly confirm	Repeated query, please see preceding response.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
396	SECTION-5 SCOPE OF WORK	5.2 DETAILED SCOPE OF WORK(Page No. 108 & 109)	<p>ix. New telecom grade shelters at block locations of BharatNet Phase-I to house all network equipment instead of BSNL exchanges and upgradation of the existing telecom trade shelters at block locations of BharatNet Phase-II will be addressed through the separate tender.</p> <p>xiv. d. In Phase-1, GFGNL will be building shelter at Sub-Block level to host electronics. However, if situation arise where installation is to be done at BSNL exchange, bidder to consider one time shifting of OFC and electronics to GFGNL shelter once shelter is ready to use without any additional cost to GFGNL. For the same, bidder to ensure OFC &amp; Chamber near tentative shelter location. Shifting should be completed within 10 calendar days of intimation except RoW challenges. Beyond which GFGNL may recover amount in proportionate to BSNL space &amp; infra rent for each day from its next payables.</p>	<p>As Phase 1 block HQ equipments are in BSNL location - 1 time movement of electronics to new location is to be considered, Kindly share the list of those location and list of material available in those BHQ to workout the cost. Kindly share.</p>	<p>We have already provided all GP list with LGD code and asset details. We have given you 15 days time for survey on Page No.153 note i. Further, we advised to send authorized person for site visit.</p> <p>In case, any network confidential information is required, Please send your authorized person with NDA for better know-how.</p>



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
397	SECTION-5 SCOPE OF WORK	5.3 FIBERIZATION AND DESIGN PRINCIPLES (Page No. 110 & 111)	<p>15. PIA has to do fiber work for "Repair-Reconstruct- Rectify- Replace" of existing fiber of Phase-I and Phase-II on rates mentioned in the annexure-F,</p> <p>a) For rectification or replacement of the % work scope is expected as below, For Phase-I, In between of 10% to 20% of existing network, For Phase-II, In between of 5 % to 10% of existing network .</p> <p>b) Beyond the given above upper limit, any additional cost of repair or replacement will be in the scope of the bidder and Bidder shall be given access of network to ascertain health of existing network for the duration 2 Weeks and to made approximation of % scope to be declared in the technical qualifications criteria's.</p>	<p>Network performance trend and network availability trend of existing network is not shared along with section wise fiber cores end to end readiness, without basic information, capping rectification scope of existing n/w is not viable. Further insisting PIA to bear the actual cost of rectification is not commercially viable.</p> <p>So request to share the above details and remove the capping on rectification scope.</p>	<p>The bid is on EPC model for blending, creativity of private sectors in fiberization, and cost optimization, measurable scientific outcome for simplified payments against numeric level deliverables which are clearly defined in the RFP for faster roll-out linked with timely payment for ease of doing business and high network uptime.</p>

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
398	1. Pre-qualification criteria	Company Turnover (Page 33/440)	Note 4. The lead bidder of one package is allowed to participate in only one package. However, Participation as a consortium member being a project experience partner in another package with other lead partner is allowed.	An OEM of any product (say OFC), can offer its product/ MAF to multiple front bidders for different packages. There is no limitation to this. Please confirm.	No limitation for OEM subjected to capacity
399	4. Experience	Minimum Requirement (Page 34/440)	The Sole or lead bidder in case of consortium should have demonstrable experience with following: i) For Optical Fibre: The Bidder should have experience of Laying, Installation, Testing and Commissioning of EPC Based Optical Fibre Cable (Underground), Duct and accessories as mentioned below in last 10 Years, as on this bid submission date: One Package: 8,000 Kms Two Package: 15,000 Kms • In case the bidder desires to bid for both packages then the bidder must have experience of 10,300 Kms, in Laying, Installation, Testing and Commissioning of Optical Fibre Cable (Underground), Duct and accessories in last 10 Years as on bid submission date.	We understand the technical experience requirement is only for the front bidder/ sole bidder or the lead bidder. This is not applicable to the OEMs of OFC.  Please confirm.	Clause is self-explanatory , refer the section of Pre-qualification criteria section

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
400	3.1 Prequalification criteria	Note VI. For OFC (Page 40/440)	<p>For OFC:</p> <p>a. Against the requirement of TSEC/ QF-103 of 48F ribbon type armoured OFC, bidders may also submit copy of TSEC of 48 or more Fibre Loose Tube type Armoured cable and 48 or more Fibre Ribbon type unarmoured cable to meet the eligibility for submitting the bid only. However, the PIA/ OEM shall submit the valid TSEC as per the TEC GR/ Standard No.: TEC 85260:2024 with latest amendment, before supply of the OFC.</p> <p>b. Against the requirement of TSEC/ QF-103 of 24F ADSS Cable, bidders may also submit copy of TSEC/ QF-103 of 24F or more Fiber ADSS Cable to meet the eligibility for submitting the bid only.</p> <p>c. For the Armoured Optical Fibre Cable for underground application (24F loose tube), latest TEC Standard Number- TEC 85170:2024 shall be applicable. However, bidders may submit copy of TSEC against the earlier TEC GR/ Standard No.- TEC 85170:2011 to meet the eligibility for submitting the bid only. Successful bidders shall obtain TSEC against the latest TEC Standard No. before supplies.</p>	<p>We understand the requirement of OFC to be as follows,</p> <p>1) 48F Ribbon armoured OFC (TEC GR 85260:2024)</p> <p>2) 24F ADSS OFC</p> <p>3) 24F LT Armoured OFC (TEC GR 85170:2024)</p> <p>Please confirm.</p>	<p>Kindly refer, Annexure A: TECHNICAL SPECIFICATIONS section with table and for TEC-GR Standards list.</p>

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
401	3.1 Prequalification criteria	Note VI. For OFC (Page 40/440)	For OFC:  b. Against the requirement of TSEC/ QF-103 of 24F ADSS Cable, bidders may also submit copy of TSEC/ QF-103 of 24F or more Fiber ADSS Cable to meet the eligibility for submitting the bid only.	Please confirm the type of ADSS required (Type A-I or Type A-II).  We believe the TEC GR for ADSS OFC is 85190:2022 or latest if any and any one out of Type A-I and type A-II would suffice for bid participation. Please confirm.	Kindly refer, Annexure A: TECHNICAL SPECIFICATIONS section with table and for TEC-GR Standards list.
402	3.1 Prequalification criteria	Note IX. Exception in relation to OFC OEM eligibility: (Page 40/440)	a. 24F/48F/96F armoured cable: For OEM eligibility, the OEM has to meet one of the following eligibility: 1. Valid TSEC certificate for 48F/96F armoured cable 2. "Applied for TSEC" for 48F/96F armoured cable 3. Valid TSEC certificate for 24F armoured cable 4. Valid TSEC certificate for ribbon OFC having more than 48F.	For 24F LT armoured cable, we can submit QF-103 against TEC GR 85170:2024 for bid eligibility. Please confirm.	Duplicate with Query, Kindly refer the answer in Query (401)

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
403	3.1 Prequalification criteria	Note IX. Exception in relation to OFC OEM eligibility: (Page 40/440)	b. 48/ 24F ADSS loose tube cable: For OEM eligibility, the OEM has to meet one of the following eligibility: 1. Valid TSEC certificate for 48F ADSS loose tube cable 2. "Applied for TSEC" for 48F ADSS loose tube cable 3. Valid TSEC certificate for 24F ADSS loose tube cable 4. Valid TSEC certificate for ADSS loose tube cable having more than 24F.	If the requirement is 24F ADSS OFC, we can submit QF-103 for same design for bid eligibility. Please confirm.  We understand that 48F ADSS is not a requirement in Gujarat BN Phase 3. Please confirm.	Duplicate with Query, Kindly refer the answer in Query (401)
404	5.3 FIBERIZATION AND DESIGN PRINCIPLES	5.3 FIBERIZATION AND DESIGN PRINCIPLES (Page 111/440)	20. All UG OFC and ADSS OFC shall be armored and meet the technical specification.	We understand that all underground OFCs will be armored, but ADSS OFC will not be armored and will be metal free as per TEC GR 85190:2022.  We also understand that metal free double sheath OFCs are not covered in this scope and will not be supplied.  Please confirm the same.	>All UG OFC shall be armored, and UG OFC and ADSS OFC meet the technical specification. >Underground OFC laying work, including new OFC laying under Phase-III and repairs, reconstruction, rectification, replacement of existing fiber under Phases I and II, shall be done using armored OFC only.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
405	5.10 LAST MILE CONNE CTIVIT Y TO THE VILLAG ES	Guidelines for PIA (Page 134/440)	i. The PIA shall use 6F Overhead OFC as per TEC GR as mentioned in the table of TEC GRs in Annexure.  Last Mile connectivity shall be implemented with 6F Aerial Drop Cable. However, the TEC GR mentioned for 12F/ 24F is applicable for 6F cable also.	We understand that for LMC, only 6F OFC would be used as per TEC GR 85200:2022 and 12F/ 24F drop OFC would not be required.  Please confirm.	As per RFP
406	Annex ure A: TECHN ICAL SPECIFI CATIO NS	Page 280/440	For Armoured Optical Fibre Cable for underground application, TEC GR Standard No.: TEC 85170:2011 Although in this TEC/GR only optical fibre of G.652 D is mentioned but vendor shall have liberty to use G.657A1 also as per ITU-T recommendation.	We understand that the TEC GR for armoured OFC would be TEC 85170:2024, not 2011.  Please confirm.	As per RFP

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
407	II. Technical Specifications for OFC	OFC Minimum specifications Page 285/440	<p>48F/96F G.657.A1 cable will be accepted considering high bending radius shall support for both aerial and underground cable.</p> <p>Under Ground : 48F/96F (Armoured Optical Fibre Cable(Type: Ribbon) for underground application) 24F Armoured Optical Fibre Cable Loose Tube</p> <p>Under Ground: ITU-T-G.657 (G.657A1) (TEC GR Standard No.: TEC 85260:2024 with latest amendment.) or with latest amendment if any</p>	We understand that for 24F LT Armoured OFC as well as 48F Ribbon armoured OFC, would be taken with G.652D fibre, not mandatorily G.657A1. Kindly confirm	As per RFP

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
408	II. Technical Specifications for OFC	OFC Minimum specifications Page 285/440	<p>48F/96F G.657.A1 cable will be accepted considering high bending radius shall support for both aerial and underground cable.</p> <p>Under Ground : 48F/96F (Armoured Optical Fibre Cable(Type: Ribbon) for underground application) 24F Armoured Optical Fibre Cable Loose Tube</p> <p>Under Ground: ITU-T-G.657 (G.657A1) (TEC GR Standard No.: TEC 85260:2024 with latest amendment.) or with latest amendment if any</p>	Please confirm the fibre type for all the OFC designs required, whether G.652D or G.657A1.	As per RFP
409	II. Technical Specifications for OFC	OFC Minimum specifications Page 285/440	Aerial: TEC 85220:2022 (Aerial Drop) (Loose tube with jelly compound & Water swellable tape / yarn) with latest amendment	Please confirm the TEC GR for 6F aerial drop OFC, whether it would be as per TEC 85200:2022 or TEC 85220:2022.	As per RFP



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
410	Annexure-F for existing rates of OFC rectification work	Approved rates for OFC rectification works (Page 438/440)	Supply- Passive infrastructure (Underground cable) (As per technical specifications given in annexure-A TEC GR No.) 1) Optical fibre cable 96 Core (Ribbon) 2) Optical fibre cable 48 core (Ribbon) 3) Optical fibre cable 24F Metal free (Loose tube) 4) ADSS Optical fibre cable 24 core ribbon	1) Please confirm whether 96F Metal free ribbon OFC is required or 96F Ribbon armoured is required.  Please confirm the TEC GR for the same and whether we need to provide TSEC/ Type approval or QF-103 for the same while bidding.	96F Ribbon armored is required.
411	Annexure-F for existing rates of OFC rectification work	Approved rates for OFC rectification works (Page 438/440)	Supply- Passive infrastructure (Underground cable) (As per technical specifications given in annexure-A TEC GR No.) 1) Optical fibre cable 96 Core (Ribbon) 2) Optical fibre cable 48 core (Ribbon) 3) Optical fibre cable 24F Metal free (Loose tube) 4) ADSS Optical fibre cable 24 core ribbon	Please confirm the TEC GR for all the designs. We understand that 24F ADSS OFC is not ribbon type, rather loose fibre type. Please confirm.	As per RFP and mentioned type of fiber on page. 438 clearly

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
412	Annexure-F for existing rates of OFC rectification work	Approved rates for OFC rectification works (Page 438/440)	Supply- Passive infrastructure (Underground cable) (As per technical specifications given in annexure-A TEC GR No.) 1) Optical fibre cable 96 Core (Ribbon) 2) Optical fibre cable 48 core (Ribbon) 3) Optical fibre cable 24F Metal free (Loose tube) 4) ADSS Optical fibre cable 24 core ribbon	We understand that we only need to provide TSEC/ QF-103 for 24F LT Armoured OFC, 24F ADSS OFC, 48F Ribbon Armoured OFC and 6F Drop OFC ONLY.  Please confirm.	Please see revision
413	Annexure-F for existing rates of OFC rectification work	Approved rates for OFC rectification works (Page 438/440)	Supply- Passive infrastructure (Underground cable) (As per technical specifications given in annexure-A TEC GR No.) 1) Optical fibre cable 96 Core (Ribbon) 2) Optical fibre cable 48 core (Ribbon) 3) Optical fibre cable 24F Metal free (Loose tube) 4) ADSS Optical fibre cable 24 core ribbon	We understand that we do not need to provide TSEC/ QF-103 for 96F OFC (Ribbon), 24F Metal free (Loose tube) OFC and 24F ADSS (Ribbon) to participate in the bid.  Please confirm.	Please see preceding response for wider participation
414	SECTION-5	5.8 VIDEOGRAPHY	1. In case of HDD (if the PIA is not using the machine recorded depth and produce the depth data), the depth of Entry & Exit pits should be Video recorded from top of the duct.	In case of HDD, where depth is not recorded via the machine, should the video recording need to capture the entire machinery operation or just the entry/exit pits and duct top measurements? Kindly guide.	Duct Entry & exit pits along with surrounding reference location will be enough for identification of coupler points, depth measurement by tracker at minimum 2 intermediate points need to capture in the video

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
415	SECTION-5	5.8 VIDEOGRAPHY	1. The OFC blowing process should be Photographed (geo tagged with time stamp) clearly showing the drum and fibre meter reading details.	Could you clarify the specific format or template required for the geo-tagged photographs showing the drum and fibre meter reading details?	Procedural information shall be defined in SOP after award of contract however format of nomenclature, size and frequency of the evidence are defined in RFP.
416	SECTION-5	5.8 VIDEOGRAPHY	The Cable Chamber of MH base should be Photographed ( geo tagged with time stamp) clearly showing the base plate of 50 mm thickness, RCC joint Chamber and Top Cover as per E.I. The cable loop also to be video recorded – showing start and end readings.	Are there any specific angles or perspectives required to be captured in the photograph of the cable chamber, especially with respect to the base plate and RCC joint chamber?	Purpose is needed to ensure specification compliance of Manhole as per RFP. (Require clear cut artifacts with readable and proper visibility based on line items captured from which decisive action can be taken by Tenderer)
417	SECTION-6	5.8 VIDEOGRAPHY	9) The Backend team of the PIA should merge all the files of a section of 40 meters in succession or HDD shot and send to Bharat Net BA team of the Package for review / verification of works and GIS NOC Delhi for linking the same with GIS.	After merging all the videos files of OT/HDD sections how it will be identified as per chainage? Kindly share the solution.	The detail description of this videography section "5.8 VIDEOGRAPHY" is already available. Please go through. The GFGNL will provide GIS tool /Mobile Application for capturing the data points and window for videography.
418	SECTION-7	5.8 VIDEOGRAPHY	4) Each Video file should be of at least 2 minutes time duration capturing works being done for 40 Mtrs in case of Open Trenching and one shot in case of HDD. The size of each Video file should not be more than 30MB so that the same can be sent through mobile/mail etc	If video resolution should keep 720dpi then 2minutes video file size would be more than 30MB. Kindly suggest and guide accordingly .	The GIS tool/ application will be provided by the GFGNL for capturing field data points. PIA is advised to use the same platform with provided attributes and feature in same.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
419	SECTION-8	5.8 VIDEOGRAPHY	12) For field activities, GFGNL will support with GIS mobile application, It may have facility to create template. PIA executives shall furnish and support the template with the details asked and upload on applications with 100% accuracy.	We understand that all video and photo will have to be taken with the help of GFGNL mobile application only, Kindly confirm.	As per RFP
420	Annexure-E TECHNICAL SPECIFICATION FOR GIS MAPPING OF OFC ROUTES AND PROJECT MANAGEMENT TOOL	GIS data collection	2.1 PIA shall collect coordinates of landmarks such as culverts, bridges / nallah, water bodies, crossroads, railway crossing, flyovers and public places like temples/mosques, bus-stop, PHC, post office, school/college, shops, police stations, banks, tourist spots, hospitals, etc. to be captured along with the route marker, cable joints, etc. along with the cable routes. One additional reading in the middle of the two manholes / RI should be recorded in the already laid network. <b>Recordings are necessarily to be made at every fibre turn, bend along the route, road/railway crossing, culverts, diversion etc. Sufficient recordings at short intervals on the curvature of the route shall be captured to map it on GIS properly.</b>	For the recordings of cable routes, is there a maximum or minimum distance interval for data collection at curve or road/railway crossing points, or is it based on field judgment? Kindly guide.	Please see revision, Since GFGNL envision the digital governance of this massive project, Data collection is very crucial part. Capturing the data asked and if missed in RFP, to be included during SOP formation is very important.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
421	SECTION-8	5.8 VIDEOGRAPHY	Ducting - Video recording of Open Trenches is to be done using a Vertical Measuring Stick (Known as Measuring Staff in Civil Engineering Terms) at every 10 (Ten) Mtr intervals. The depth reading in the Staff from top of the duct should be clearly recorded. In case of HDD the depth of Entry & Exit pits should be Video recorded from top of the duct. The Couplers, Plugs and End Caps wherever required as per E.I. should also be captured in the video. Protection used as per E.I. in case of Low Depth should also be Video Recorded	Instead of video recording if we captured time-stamped geo-tagged image then it will consume less server space. Kindly suggest and guide accordingly.	Procedural information shall be defined in SOP after award of contract however format of nomenclature, size and frequency of the evidence to be produced are defined in RFP.
422	Annexure-E TECHNICAL SPECIFICATION FOR GIS MAPPING OF OFC ROUTES AND PROJECT MANAGEMENT	2.3 GIS data upload and validation	To upload Block-wise data on GIS application (web and mobile), GFGNL will provide <b>basemaps</b> to facilitate the upload and optimization of captured data and information, including fibre infrastructure and termination details etc.	We understand that, base map for GIS tool will be provided by GFGNL. Please confirm.	Please see preceding response

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
	NT TOOL				
423	Definition	(iii).1 at page 12	<p>Bidder definition:  <i>The Party who will be offering the solution(s), service(s) and/or materials as required in the RFP. The word Bidder when used in the pre-award period shall be synonymous with party bidding against this RFP</i></p>	<p>The definition for bidder be kindly amended as:  <i>" The "Bidder" means the firm or company, who participates in this tender and submits its bid. Bidder will also mean Lead bidder in case of Consortium Bids and, in case of a company, includes any successor entity pursuant to a reconstruction/reorganisation of the bidder as approved by any court, tribunal or statutory authority."</i></p>	<p>Law of Land is implied. i.e.,The Company related act 1956/2013 in INDIA, partnership, hon'ble court orders and statutory authority related to mergers and acquisitions .</p>

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
424	Section 3	3.1/ Table / sl. 4 at Page	Eligibility criteria: Documents required. <i>"work completion certificate from end client mentioning satisfactory performance &amp; total Km of Fibre with other inventories/Equipment mentioned implemented (satisfactory performance &amp; functionalities implemented may be mentioned separately as a performance certificate from the client"</i>	It is requested that the clause be kindly amended as : <i>"work completion certificate from customer/ end client mentioning satisfactory performance &amp; total Km of Fibre with other inventories/Equipment mentioned implemented (satisfactory performance &amp; functionalities implemented may be mentioned separately as a performance certificate from the client"</i>	Refer corrigendum with Revised Eligibility Criteria Section
425	Section 3	Note 1/ IX/ (for OFC OEM)/ sl. 4 at page 41	<i>....if OEM fails to supply or doesn't support products for entire implementation period, then permission will be given to replace it with an equivalent or better substitute, which conforms to the specifications as in current RFP - including the requirement for TSEC approval - subject to such product being acceptable to the Tenderer without any additional cost to the Tenderer and without impacting the performance of the solution and time line of the Project in any manner whatsoever subject to levy of a penalty of 2% of the Capex cost of balance supply (Financial Bid Table) for that particular Package</i>	The clause clearly indicates that the bidder/ OEM will replace the product with equivalent or better product without any additional cost to the customer. In addition, there are other provisions such as Liquidated damages mentioned in the RFP towards any project delay, therefore additional penalty of 2% as mentioned in the clause may kindly be removed. Kindly confirm the same.	No Change as per RFP

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
426	Section 4	4.21/ii/4 at page 59	<p>Warranty commencement :  <i>"... , The warranty shall start from 1st day on next calendar quarter ( i.e., 1st jan / 1st apr / 1st jul / 1st oct) from date of commissioning . for rest of such equipment commissioned after the achievement of mile stone as above, the warranty shall start from 1st day on next calendar quarter ( i.e., 1st jan / 1st apr / 1st jul / 1st oct) from date of commissioning of all remaining routers and associated hardware of the block ."</i></p>	<p>It is submitted that the warranty shall be commenced from the date of commissioning. Kindly confirm the same.</p>	<p>Pls see revision</p>



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
427	Section 4	4.25 at page 62	<p>The clause is as follows:-</p> <p><i>I. If the PIA damages other Private Service provider's cables /sewage line/ Government or public properties, such as electricity cable or roads etc., the damage charges/penalty will be paid by the PIA only as per the claim of such third party. GFGNL/USOF, DoT will not be liable to pay any penalty, or any damage charges made by the PIA as per the indemnity clause below:</i></p> <p><i>II. PIA shall either pay to third parties all expenditure incurred for restoring services which are damaged by it while carrying out the work or the same amount will be deducted from his bills. Such expenditure shall be intimated to the PIA either by Engineer in-charge or concerned third parties in writing. The amount deducted by GFGNL from his bill shall be paid to concerned third parties by the designated authority of GFGNL.</i></p>	<p>In current scenario, any claim raised by third party will be paid by the bidder which indicates that the clause is unilateral and in favor of third party only. However, the bidder/ contractor shall also be allowed to represent its case under the said clause in front of GFGNL and only the amount mutually agreed between bidder and third party shall be paid by the bidder to the third party under this clause.</p>	<p>The bidder will be allowed to represent to GFGNL as well as to third party, however, GFGNL will only be the facilitator, and bidder needs to rectify its issue or need to get NOC from the third party. Any payment liability will be solely on the bidder.</p>

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
428	Section 4	4.36 (ii)(e) at page 70	Limitation of liability: <i>"....The Parties agree that the PIA's liability will be uncapped in case of any liabilities arising due to:  e. any loss of or physical damage to property of GFGNL, or any third party caused by, arising out of or in connection with the performance of this Contract."</i>	Under this clause the LoL becomes uncapped. It is requested that the LoL shall be capped to the contract value for this case. Kindly confirm.	As per the RFP Clause
429	Section 4	4.47 (I) at page 77	Performance : <i>"..... Considering the rural centric model and the importance of digital infrastructure for the state, the PIA's performance should meet the Network uptime consistently above 90% of entire package."</i>	Request clause be amended as : <i>"..... Considering the rural centric model and the importance of digital infrastructure for the state, the PIA's performance should meet the Network uptime above 90% of entire package for 03 consecutive months".</i> Kindly confirm.	As per the RFP Clause. (Non-negotiable clause)

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
430	Section 4	4.48 at page 78	Support from external agency: <i>" Sub-letting/contracting of entire work or in part thereof is not permitted. The bidder needs to complete all the defined activities as per scope of work on its own. No Data/ Information should be sent out of the premise without obtaining prior written confirmation from the TENDERER. The successful bidder shall be allowed to obtain advisory support from within its organization towards legal or contractual vetting of drafts."</i>	As Sub-contracting provision has been mentioned under separate clause in the RFP. This clause for sub-contracting is in contradiction to the same. Request clause be amended as : <i>"Sub-letting of entire work or in part thereof is not permitted. The bidder needs to complete all the defined activities as per scope of work on its own. No Data/ Information should be sent out of the premise without obtaining prior written confirmation from the TENDERER. The successful bidder shall be allowed to obtain advisory support from within its organization towards legal or contractual vetting of drafts."</i> Kindly confirm.	We have very clearly mentioned what can be sub-contracted and what can not be sub-contracted including stringent penalty provisions on account of violations. It is non-negotiable and zero tolerance clause to be abided in latter and spirit. Please see revision in sub-contract section.
431	General	--	Penalties: Multiple penalties have been mentioned under different clauses of the RFP	It is requested that all penalties mentioned under different clauses of the RFP shall be capped to 10% of the contract/ OPEX value, as applicable. There shall be no separate additional penalty over and above this capping. Kindly confirm the same.	No change in RFP clause

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
432	Section 6	Payment schedule	Addition to the notes under the payment schedule.	<p>The following points shall be added under the notes of the Payment schedule:</p> <p>(a) In case of delay in receipt of payments beyond 30 days, the provision for payment with interest @18% per annum for delayed payment shall be added in the RFP.</p> <p>(b) Also, if reasons to fulfil the conditions pertaining to fulfilment of payment milestones are beyond the reasonable control of the Contractor, the payment be facilitated to the Contractor in order to progress the work.</p>	Please refer the clause no. 6.2.1 (Note: VII on page no. 196) for more clarity
433	SECTION-10 SPECIAL TECHNICAL CONDITIONS	Technical Specifications for Routers (Page No. 293)	GFGNL has procured additional equipment through a separate tender. Therefore, the bidder is required to plan the housing of this equipment within the same rack (cabinet), including provisions for power, space, and coordination. The objective is to create synergy among multiple vendors for seamless collective functioning.	<p>a) Bidder to provision for rack space and power for additional equipments at block location or GP locations ? Kindly guide.</p> <p>b) Pls share the space and power details of these additional equipments</p>	<p>a)All the sub-block/block locations, one FDMS and one ETSI standard transmission rack are to be supplied and factored in the bid. In case, if existing rack space and FDMS space are available to fulfill the terminal requirements and are permitted by GFGNL, then in lieu of non-supply of above rack, GFGNL shall deduct Rs. 20,000 per each rack (FDMS or equipment rack).</p> <p>b) For Rack specifications refer the revision corrigendum with technical specification section. However, Power at shelter will be responsibility of the GFGNL.</p>

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
434	SECTION-8 FINANCIAL BID	FINANCIAL BID FORMAT (Page No. 223)	Total Notional electricity power Budget Consumptions (Notional Value at full load) at total Sites end for 10 Years considering proposed network solution. (*Bidder has to consider all sites part of solution in this Bid)	Pls clarify further. Also, Is the bidder suppose to consider Power requirement for additional equipment (as indicated in point mentioned above)? Kindly clarify	Pl see revision
435	SECTION-5 SCOPE OF WORK	Clause (i) (Page 174 )	i) PIA has to ensure to include all types of security measures to ensure the network's integrity and data privacy, such as: - Firewall configuration and management - NDR(Network Detection and Response) Solution - DDI(DNS,DHCP,IP Address) Management - Access control and authentication - Encryption and decryption	The clause includes multiple components like NGFW, Firewall Consoles, NDR, DDI , AAA/NAC & Encryption Decryption tool. It is requested to issue a BOQ/SOR/Price format highlighting these components with detailed technical specifications to avoid any confusion for SI/Bidder	The Protocol and security compliance related to the supplied product has to be ensure by the Bidder and OEM as specified DoT/TRAI/GoG/CERT/etc. Thus, offered product /solution must adhere to security norms, prevailing security practices and it should not limit functionality of security activations.
436	SECTION-4 INSTRUMENTS TO BIDDERS	4.23 AUDIT AND SECURITY SERVICES (Page No. 61)	4.23 AUDIT AND SECURITY SERVICES	We understand that the arranging and scoping for the 3rd party auditor and its cost will be responsibility of the End Customer, the PIA will support to the customer during the third party audit as per RFP requirements.	The Audit is the requirement of tenderer / DBN. It is the responsibility of GFGNL/DBN to engage auditor. It is the responsibility of the bidder to provide and facilitated network data / security data/ financial data/documents on time to auditors through GFGNL.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
437	General	General	General	No Anti-Malware solution has been considered for customer end points. Request you to consider the same and include in the BOQ/SOR/Price Format on priority basis.	The bid is on EPC model for blending, creativity of private sectors in fiberization, and cost optimization, measurable scientific outcome for simplified payments against numeric level deliverables which are clearly defined in the RFP for faster roll-out linked with timely payment for ease of doing business and high network uptime.
438	Section 6	Section 6.2	Payment Terms	<p>Request to amend the payment terms in the below mentioned manner for maintaining cash flow and effective operation of the project: _</p> <p>i.) 15% of capex value as Advance within 15 days of award of PO</p> <p>ii.) 50% of Value on Draw (Fiber route laying) and Discovery (GP equipment visibility) for GP and Revenue villages activities defined in Milestone 2 in RFP.</p> <p>iii.) 20% of Value on Sub-block to Sub-block Ring closure for GP and Revenue villages activities in Milestone 3 in RFP.</p> <p>iv.) 10% of Value on GP ring closure and Service testing / Partial Go-Live For Phase-I &amp; II and activities defined in Milestone 4 in the RFP.</p> <p>v.) 5% of Value on Inspection and end deliverables of the project and activities defined in Milestone 5 in the RFP.</p>	Pls go through the RFP; Implementation as per solution on basis of design principles are appropriately linkage with payment milestone.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
439	Section 4	Section 4.21 (ii)	Date of commissioning for block & GP routers and associated hardware will be taken as the date on which 90% of the GPs of a block , including block router is visible in state NoC NMS, The warranty shall start from 1st day on next calender quarter ( i.e., 1st jan / 1st apr / 1st jul / 1st oct) from date of commissioning . for rest of such equipment commissioned after the achievement of mile stone as above, the warranty shall start from 1st day on next calender quarter ( i.e., 1st jan / 1st apr / 1st jul / 1st oct) from date of commissioning of all remaining routers and associated hardware of the block .	The following may be added to the clause:-  In case 90% GPs in ablock are not commissioned due to reason not attributable to contractor/bidder then warranty for respective GPs shall commence on standalone commisioning of GP.	As per RFP

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
440	Section 4	Section 4.32	<p>The Bidder whose bids are accepted shall be required to submit two separate performance Bank Guarantees- one for the Project implementation phase and Maintenance Phase as below</p> <p>1st Bank Guarantee- Project Implementation Phase: The PIA, within 15 calendar days from the date of receipt of Notification of Award, shall furnish a Bank Guarantee equal to 5% of the CAPEX, valid till 100% go-live of the project/package or 18 months whichever is later. The Performance Bank Guarantee would be released upon submission of PBG for O&amp;M Phase.</p> <p>b. 2nd Bank Guarantee-O&amp;M Phase: The PIA, within 15 calendar days from the date of 100% Go Live, shall furnish a Bank Guarantee equal to 5% of the OPEX value of the project, valid up to 180 days beyond the expiry of contract</p>	<p>Request to amend the clause as mentioned below for effective operations:-</p> <p>1st Bank Guarantee- Project Implementation Phase: The PIA, within 15 calendar days from the date of receipt of Notification of Award, shall furnish a Bank Guarantee equal to <b>3%</b> of the CAPEX, valid till 100% go-live of the project/package or 18 months whichever is later. The Performance Bank Guarantee would be released upon submission of PBG for O&amp;M Phase.</p> <p>b. 2nd Bank Guarantee-O&amp;M Phase: The PIA, within 15 calendar days from the date of 100% Go Live, shall furnish a Bank Guarantee equal to <b>3% of</b> the OPEX value of the project, valid up to 180 days beyond the expiry of contract.</p>	Pls see revision



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
441	Section 4	Section 4.37	EASEMENTS, PERMITS, LICENSES AND OTHER FACILITIES	Request to provide a blanket approval for state led ROW and all other permissions through Government Order (GO) for smooth execution of the project. All central related permissions will be facilitated by the bidder/contractor and cost of ROW/Permissions shall be paid by GFGNL directly to concerned Central Agency.	For better understanding the latest GR/Circulars/Guideline on ROW for BharatNet Project (on State and Central Government portals) may be referred. The bidder is responsible for obtaining ROW permissions. If required, GFGNL will facilitate in co-ordination with local bodies/government agencies.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
442	Section 4	Section 4.53	<p>LD a sum equivalent to 0.5 (half) per cent of the delivered price (including elements of GST, freight and variations as per sub-para(2) below) of the delayed Goods and/ or incidental Works/ Services/ deliverables for each week of delay or part thereof until actual delivery or performance, subject to a maximum deduction of the 5% (or any other percentage if prescribed in the contract) of the total contract value. In case of inordinate delay (i.e., Inexcusable delays of more than one-fourth (25%) of the total completion period shall be treated as inordinate delays. Such inordinate delays may be treated as a breach of contract and shall be noted as deficient performance and held against the contractor in future tenders. A show-cause notice shall be issued to the contractor before declaring it a deficient performance. In case GFGNL decides to allow performance of contract, after inordinate delays, maximum limit on LD shall be 10% (instead of 5%) of the total contract value ) this maximum deduction shall be 10% of the total contract value.</p>	<p>Request to amend the clause as per mentioned below for smooth execution of the project:-</p> <p>LD a sum equivalent to 0.25 (twenty half) per cent of the delivered price (including elements of GST, freight and variations as per sub-para(2) below) of the delayed Goods and/ or incidental Works/ Services/ deliverables for each week of delay or part thereof until actual delivery or performance, subject to a maximum deduction of the 5% (or any other percentage if prescribed in the contract) of the total contract value.</p>	As per RFP

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
443	Section 4	Section 4.55	Any sum of money due and payable to the Contractor (including security deposit refundable to him) under this contract may be appropriated by GFGNL or any other person(s) contracting through GFGNL and set off the same against any claim of GFGNL such other person or person(s) for payment of a sum of money arising out of this contract or under any other contract made by the Contractor with GFGNL or such other person(s) contracting through GFGNL.	Request to not Setoff the other person claim without prior consent from Contractor.	As per RFP
444	Section 4	Section 4.69	In case extension is being granted beyond 04 weeks then the PIA shall submit additional BG while seeking extension. For piecemeal works (package wise) the amount of additional BG shall be 3 % of the value of balance quantity of works to be done for which extension in time period has been sought.	Request to provide a relaxation in submission of additional BG for extension of time as project security will be extended for additional execution period.	As per RFP
445	SECTION N-8	SECTION-8	Financial Bid Format	Request to define bill of material against each line item of the Price bid to enable comparative and competitive pricing.	Already responded, The Bid is on EPC - solution based. Phase-II of Gujarat was also implemented on similar way i.e., EPC. The result is visible.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
446	Section 3	3.1(II)	Conflict of interest is the bidder is a constituent of the GFGNL Central NOC RFP	It is requested that participation of eligible players in the GFGNL Central NOC RFP be allowed in addition to participation in the current RFP. Kindly confirm	With Better and neutral Governance this clause is necessary. Hence, No change.
447	General	General	Visibility of GPs in the absence of GFGNL SNOC	It is requested that the visibility of GPs be allowed in the existing GPON NOC during execution of this project till SNOC is implemented. Kindly confirm.	SNOC is the responsibility of GFGNL and it will be fulfilled on time. The PIA should not perceive any risk on account of GFGNL responsibility.
448	Section 3	Eligibility Criteria	Company turnover	It is requested that Positive Net Worth certificate shall be issued by Statutory Auditor or Chartered Accountant. Kindly confirm.	No Change as per RFP
449	Section - IV B	5.1C & E	Upgradation: To upgrade the existing network infrastructure from linear to IP-MPLS based ring topology across GPs and Block locations.  Establishment and Upgrade of State Network Operation Center (NOC): This will be addressed by separate tender to upgrade the existing NOC.	RFP lacks details on the existing network, including NOC-side equipment that has already been installed. This information is necessary count of hardware working condition, for accurate BOQ costing. Please clarify.	We have already provided all GP list with LGD code and asset details. We have given you 15 days time for survey on Page No.153 note i. Further, we advised to send authorized person for site visit.  In case, any network confidential information is required, Please send your authorized person with NDA for better know-how.
450	Section - IV B	5.2(i)	Upgradation of linear network onto ring network of Phase-I and Phase-II GPs where it is Constructed in Linear.	The RFP does not provides the quantity of OFC Km laid in Phase 1 and 2. This information is crucial for combining BOQs for Phase 1 and 2 implementation. Please clarify.	We have already provided all GP list with LGD code and asset details. We have given you 15 days time for survey on Page No.153 note i. Further, we advised to send authorized person for site visit.  In case, any network confidential information is required, Please send your authorized person with NDA for better know-how.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
451	Section - IV B	Table TableA,B	Proposed BharatNet Phase-I,II,III Zones	The Annexure - G is having approx. 15,600 Phase - 1 GPs and approx. 18,100 Phase-2 GPs whereas the RFP document Page 107,108 list Phase-1 GPs scope as 6842 and Phase-2 GPs scope as 7812. Kindly confirm actual GP actual count in Phase-1,2 Please clarify.	GP counts in Annexure-G already in alignment with RFP document Page - 107 and 108. Pls go through
452	Section - IV B	25 a)	GGNL shall provide the GIS details for site and route data of the Existing Network to the PIA on as is where is basis	Please provide the network details for Phase-I and II in GIS format, specifically in DWG, KML, KMZ, or SHP files, as part of this RFP. This will enable the PIA to understand the geographical combination of Phase-I, II, and III. Please clarify.	We have already provided all GP list with LGD code and asset details. We have given you 15 days time for survey on Page No.153 note i. Further, we advised to send authorized person for site visit. In case, any network confidential information is required, Please send your authorized person with NDA for better know-how.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
453	Section - V	5.13.1.2 (II)	<p>Handover/ Takeover of the Existing BharatNet Phase-I &amp; Phase-II Networks(In accordance with the Bid Document, GFGNL shall hand over the Existing Network to the PIA, through its existing PIA,</p> <p>Network shall be made over Block wise with the GPs whose optical power is -25 dB or better at the GP end ONT. The same shall be ensured by the BSNL PIA of BharatNet Phase-I. The details of the equipment i.e. ONT,Solar, CCU, Battery (with replacement Date), Solar Panel, Enclosure, Earthing, and Splitter etc. will also be provided to the selected bidder.</p>	<p>The criteria for handing over of the existing Network should not be limited to the Optical Power. There may be major concerns regarding Physical &amp; Optical health of the Network and the Optical Network of the remaining Dark Fiber not covered under this process.</p> <p>Network Handover/ Takeover of the Existing BharatNet Phase-I &amp; Phase-II Networks should also include following details:</p> <p>Optical Fibre (OSP) : Copy of ROW Permissions Physical health of OFC -ABD, MH , HH, Trench depth. Optical health of OFC - OTDR and LSPM Reports. Temporary Restored OFC complete details with Chainage is required.</p> <p>Equipments (ISP) : Current working condition of all Hardware Equipments. HOTO Process : Kindly provide the complete HOTO process and Memo with details of person authorised to sign on behalf of PIA and GFGNL.</p>	<p>The bid is on EPC model for blending, creativity of private sectors in fiberization, and cost optimization, measurable scientific outcome for simplified payments against numeric level deliverables which are clearly defined in the RFP for faster roll-out linked with timely payment for ease of doing business and high network uptime.</p> <p>We have already provided all GP list with LGD code and asset details. We have given you 15 days time for survey on Page No.153 note i. Further, we advised to send authorized person for site visit.</p> <p>In case, any network confidential information is required, Please send your authorized person with NDA for better know-how.</p>

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
454	Section - V	5.13.1.2 €	During HOTO, O&M charges will not be paid to Selected Agency. SLA or Penalty clause will not be applicable during the first <b>2 months</b> of Hand-over/Take-over process.	The Section states that GFGNL shall handover existing network in "good condition" If Existing PIA fails to make over some GPs within <b>2 months</b> , the new PIA shall be bound to take over such GPs also. Completing HOTO within 2 months is difficult due to existing fiber losses. Please clarify.	Already responded.
455	Section - V	5.13.1.2	Handover/ Takeover of the Existing BharatNet Phase-I & Phase-II Networks <b>In the case of non-support from the Phase-I existing PIA</b> , Selected PIA will be solely responsible to collect, analyze, correct and submit HLD and LLD of network based on the milestone designed in this RFP section 5.9.2.1(A1) with submission of ABD(as-built drawings), LSPM and OTDR report with time stamp including the survey input mentioned in Table-0. with all valid documentation.	This condition is not favorable to PIA. How will the new agency take over the network without support from the existing PIA? Please clarify.	Kindly refer Handover-Takeover section, timelines and associated responsibilities.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
456	Section - V	Table 0c	During HOTO, O&M charges will not be paid to Selected Agency. SLA or Penalty clause will not be applicable during the first 2 months of Hand-over/Take-over process.	<p>The Selected Agency is expected to perform O&amp;M (Operation &amp; Maintenance) activities during the Hand-over/Take-over (HOTO) period.</p> <p>Denying O&amp;M charges during this phase is unfair, as the agency will still incur operational costs, including manpower, equipment, and other resources.</p> <p>The Selected Agency should be compensated proportionally for the services rendered during HOTO.</p> <p>Kindly Clarify</p>	As per RFP
457	Section - V	iii	If the OFC cable cut is such that the cable has been damaged for distance more than 250 300 meter by any external Bidder, then State/SIA shall bear cost of cable/PLBE. But the BIDDER shall bear the cost of workmanship and other store like splicing, jointing kits etc. Below 250 300 mtr of damage, BIDDER will bear all the cost of restoration including material and workmanship.	<p>As per standard telecom practices, the typical threshold for cost-sharing in case of OFC cuts is significantly lower than 300m (generally around 50-100m).</p> <p>The 300m threshold is excessively high and places an unfair burden on the bidder compared to standard industry norms.</p> <p>Kindly Clarify</p>	No change in RFP clause



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
458	Section - VII	7.8A Table	As per depth specification for Less Depth for Soft starta ( less than 120 Cm) and for Hard starta (less than 90 CM) no Protection required. But in this scanerio penalty will be applicable 12 to 20 % + Discov ered Unit rate of Protection material	If no protection is required, on what basis can we deduct the discovered unit rate of protection material. Kindly Clarify	Kindly refer RFP clause 7.8 (A) guideline with protection requirement for mentioned depth condition reproduced as below "Protection (DWC/RCC/GI) Required @ Built up Areas/ Road Cross/Railways/RoWs/ as per RoW Approving Authorities or GFGNL" and engineering instruction for laying of PLB HDPE duct.
459	Section 10 - Annexure B	X. Minimum Technical specifications for Uninterrupted Power Supply (UPS) System at GP	Backup time --- Minimum 6Hrs with full load (page 300, Sr. 3)	For 6Hrs backup with 500W (full load), ~ 100AH 48V Li-ion battery is required. As per tender, 2400VAH (50AH) is required which is suitable to give 6Hrs backup for 250W load. Suggesting you to check the actual load.	Please see revision
460	Section 10 - Annexure B	X. Minimum Technical specifications for Uninterrupted Power Supply (UPS) System at GP	Input voltage range --- 110-280V (page 300, Sr. 6)	Just for information , as per GR66160:2024, Voltage range requirement is 100V to 300V.	Please see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
461	Section 10 - Annexure B	X. Minimum Technical specifications for Uninterrupted Power Supply (UPS) System at GP	Output voltage --- AC:230V (page 300, Sr. 7)	Just for information , as per GR66160:2024, Output Voltage requirement is 230V+ 5%	Please see revision
462	Section 10 - Annexure B	X. Minimum Technical specifications for Uninterrupted Power Supply (UPS) System at GP	Electrical Safety --- Isolation transformer for Source isolation (page 300, Sr. 8)	There is galvanic isolation in input and output hence no separate isolation transformer is required. Request confirmation on same	Please see principles mentioned in preceding responses
463	Section 10 - Annexure B	X. Minimum Technical specifications for Uninterrupted Power Supply (UPS) System at GP	IP standard --- IP21 and above (page 300, Sr. 9)	As per GR66160:2024, HUPS is a 19" subrack which has to be mounted inside IP55 Outdoor cabinet as per Tender requirement. Hence there is no such requirement of IP21. HUPS power shelf/subrack is IP20 which is sufficient to meet the protection level once placed inside IP55 rack. Request confirmation on same	Please see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
464	Section 10 - Annexure B	X. Minimum Technical specifications for Uninterrupted Power Supply (UPS) System at GP	Input Frequency --- 50 Hz (+/- 1% at Battery mode) (page 300, Sr. 12)	Input frequency in battery mode (DC) is not applicable. Request clarification	Please see revision
465	Section 10 - Annexure B	X. Minimum Technical specifications for Uninterrupted Power Supply (UPS) System at GP	Output Frequency --- 50Hz +/- 1% (page 300, Sr. 14)	Just for information, As per GR66160:2024, 50Hz+ 2Hz is required	Please see revision
466	Section 10 - Annexure B	X. Minimum Technical specifications for Uninterrupted Power Supply (UPS) System at GP	AVR(Auto Voltage Regulators) --- In built (6 stages) (page 300, sr 19))	No such 6 stage AVR is asked in GR. Inverter design is based on Switch mode power supply technique as per GR66160:2024 which can work at wide input range of 100V to 300V and can provide output 230V+ 5%	AVR removed

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
467	Section 10 - Annexure B	X. Minimum Technical specifications for Uninterrupted Power Supply (UPS) System at GP	Certification --- ISO,BIS,UL,CE,VE (page 300, sr 21)	ISO - Complied at organisation level BIS - Not applicable UL - Safety certification as per TEC GR66160:2024 CE - Not covered under TEC GR VE - Request clarification/elaboration	Please see revision
468	Section 10 - Annexure B	X. Minimum Technical specifications for Uninterrupted Power Supply (UPS) System at GP	No.of Batteries --- As per load (page 301, sr 26)	As per Tender, 2400Vah (50AH) is required	Please see revision
469	Section 10 - Annexure B	X. Minimum Technical specifications for Uninterrupted Power Supply (UPS) System at GP	Recharge time --- 6 to 8 Hrs in Offline mode (page 301, Sr 28)	It should be Online mode. Battery shall be charged from Grid supply and Solar(if available).	Please see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
470	Section 10 - Annexure B	X. Minimum Technical specifications for Uninterrupted Power Supply (UPS) System at GP	Wiring --- Avg. 15 Mtr wiring with end to end Commissioning at both Input and Output End (page 301, Sr. 30)	Request more clarity on the scope of wiring specially output wiring.	The power source is the responsibility of GFGNL and taking input from that power source up to equipment is the basic scope of PIA. However, below is clarified for understanding the risk, in EPC, Average 15 Mtr wiring with end to end Commissioning at both Input and Output End of UPS from nearby power unit will be in the bidder scope Including Material like Cap, Lug, Electrical wire, Cable Tie etc.The safety and proper wiring is the basic expectation from the reputed companies having expertise sought in qualifications.
471	Section 10 - Annexure B	X. Minimum Technical specifications for Uninterrupted Power Supply (UPS) System at GP	Anti theft Mechanism --- Anti theft screw and cabinet/rack etc (page 301, Sr. 31)	Request more clarity on Anti theft requirement. Anti theft screws are required in which part of the UPS/rack.	Please see revision
472	Section 10 - Annexure B	XIII. Rack at GP Locations	PDU --- 10 no. of 5/15A sockets (page 304, Sr. 3)	Not asked in Tender, however Delta can comply this. 15A sockets seems to be too big for 500VA inverter. Suggest to consider only 5A in design.	Please see revision
473	Section 10 - Annexure B	XIII. Rack at GP Locations	Misc. --- Minimum 600 mm above from Floor level. Required fabrication stand to be made by PIA. (page 304, Sr. 9)	Rack is having plinth(foot) of 300mm. Please clarify whether stand is also required.	Please see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
474	Section 10 - Annexure B	XIII. Rack at GP Locations	Misc. --- All enclosure panels are single walled boltable from inside with earthing to be done on all flat parts (page 305. sr. 11)	Clause is complied keep in view of BSNL clarification letter no. BSNLCO-MMT/14(11)/3/2024-MMT dated 08-05-2024 against clarification no. 2398 attached in Volume-1 at page no.40.  <b>(All the door, side and rear panels to be individually constructed out of separate single sheets).</b> Request clarification on same.	Please see revision
475	Section 10 - Annexure B	XIII. Rack at GP Locations	Frame Material --- Zinc magnesium coating with 25mm system punching in the roof and base frame plus vertical sections with two mounting levels, rolled out of a single sheet. Powder coated with UV Resistant pure polyester RAL 7035 Matt super durable with painting thickness of 80 to 120 microns minimum.(page 305, Sr. 16)	Clause is complied keep in view of BSNL clarification letter no. BSNLCO-MMT/14(11)/3/2024-MMT dated 08-05-2024 against clarification no. 160, 241 & 2398 attached in Volume-1 at page no.11, 13 & 40.  <b>(25 mm system punching is optional provided all the planned equipment can be I3148 fitted in the rack.I3155).</b> Request clarification on same	Please see revision
476	2	2.1.1 h	The ability to access broadband-enabled services provides opportunities to empower digitally marginalized rural citizens; changing the way they learn, communicate, and manage their livelihoods and access health, financial, and government services.	pl clarify that who will serve the existing FTTH customers parented to phase 1 network.What about revenue earned from these customers.Will it be transferred as it is to incumbent PIA? What about Phase-2 Connected customer and Govt Offices	Question is not clear.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
477	2	2.1.2 K	Network Topology	average 20 GP per OLT are there in phase 2. But this is not so in phase 1. Whether new OLT/Router are to be designed? 2.If yes,is the location for additional OLT/router is prefixed .	The basic objective of the project is to make the GP fiberization in Ring over IP-MPLS from existing GPON network. Bidder has to utilize his own expertise in terms of Geographical and Technical to design the solution and deliver the scope mentioned in the RFP. Please refer the corrigendum for existing details of Phase-I and II infrastructure.
478	2	page 28,C part 1	Acquisition and upgradation of BharatNet Phase-I network along with integration to Phase-II Network and Operation & Maintenance of existing Phase-I BharatNet	please clarify that in acquisition phase for intermittent period what will be the O&M charges payable ? Is there any SOP fixed by GFGNL for acquisition or it is privilege of PIA? what is the precondition for acquisition of a block/GP/District ?	It is the basic expectations from the reputed and qualified agency to frame. Bidder has to understand the RFP scope and relevant sections clause mentioned which includes Handover takeover, O&M, Payment section, Financial Bid,etc. Details are briefly mentioned in the RFP for reference.
479	3	page 37 point 6	The Sole Bidder or lead Bidder (in case of consortium) should submit valid letter from each of the OEM (one and only one OEM for each component)	pl confirm (one and only one OEM for each component) .. regarding MAF?	Duplicate with Query, Kindly refer the answer in Query (155)
480	3	in column 3 on page 47	Space utilization ("U" in Size) at Site by proposed solution	please clarify whether the size refers to that of size of equipment to be installed at GP, or size of equipment to be installed at shelter ? In both case please also clarify the marking strategy to be followed by GFGNL?	Please refer the corrigendum in annexure for "Section: 3.2 TECHNICAL QUALIFICATION CRITERIA".
481	3	point 4 on page 47	Special planning for optimization of fiber planning desert area like Kutchh	please elaborate the marking strategy vis a vis % Scope of rework declared by PIA (10 % to	Duplicate Query , refer answer mentioned in query ( 480)

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
				20%)( lower % will be having high mark)	
482	3	point 7 page 48	Minimum Up-time including power protection: Minimum of 98.5 % at GP	,Mean time to restore (MTTR) refers to restoration of ring or restoration of GP.Because all GPs are in ring?	Bidder has to understand the parameter, it is based on the section. And hence no change in RFP.
483	3	Page No-61 4.22.I&II	Any dispute arising out on account of terms & conditions of the tender/ bid document/ evaluation of bids/ issue of APO/AWO shall be subject to the jurisdiction of the competent court at the place from where the NIT/ tender has been issued i.e. New Delhi. The courts at New Delhi will have exclusive jurisdiction under this NIT and the contract that may be entered into pursuant to this NIT.	Pl clarify Jurisdiction of court as NIT issued in Gujarat	Refer corrigendum with Revised clause criteria



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
484	5	page 108 ,paraviii	<p>Bharat Net Phase-I has leased fiber from OLT (BSNL Exchange at Sub-block) to FPOI locations and underground fiber from FPOI to GP wherein BharatNet Phase-II has end to end fiber starting from OLT(Shelter location at Sub-block) to GP. Connecting all Phase-I and Phase-II GPs will require precise fiber network planning considering the ring topology, replacing leased fibers with underground OFC with minimum 24F/48F and implementing IP-MPLS routers at Existing OLT(Sub-block) location and implementing IP-MPLS routers at existing ONT (Gram Panchayats) locations. This will also include O&amp;M of existing laid network along with reconstruction of damaged routes.</p>	<p>for O&amp;M of phase 1 during intermittent period , what is the rate of O&amp;M ?</p>	<p>Pls refer RFP Clause - 6.2 Note - XIII for O&amp;M rates</p>

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
485	5	page 108-X	State/SIA will support space and power supply requirements for the equipment to be installed at GP as well as telecom grade shelters for BharatNet Phase-III network. Power consumption and Space usage outlook of network equipment for Phase-III including 10 years of O&M period requires to submit by PIA in financial bid format as a separate component	power consumption is liability of GFGNL or PIA ,asmentioned in x page 108?	Electricity Bill payment of sites is not in the scope of PIA.
486	-	-	Additional requirement	pl clarify name of QA conducting authority, factory QA to be done by BSNL, or IE or any third party ?	We are aware about your pain area. The quality is our utmost priority and it is non-negotiable intend. The QA / factory QA shall be done by Government designated agency. However, for ease of business and ease in factory QA, a time bound frame work of deemed approval shall will put in place to deal risk of inordinate delay on account of inspections.
487	5	Page 112 22.1	Fiber path Protection on separate route ;- Minimum Three Path	HIGH SPEED DATA CORRIDOR, please elaborate THIRD ROUTE DETAILS.	Pls refer RFP clause - 5.3.24 b) reproduced here "Considering high dependency on high-speed data corridor and block corridor, the path should be preferred on major road and to be avoided through enroute GP last mile. However, for third direction traffic it may be allowed."
488	VIII. Technical Specifications for	2 No.	No. of Ports: out of 24 ports, 4 ports should be PoE supported with PoE power support of minimum 80W	As per the industry standard, all switch part will be PoE or Non PoE.Requesting to change all port PoE .	Please see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
	LAN Switch				
489	VIII. Technical Specifications for LAN Switch	3 No.	Support for minimum 16K MAC entries	For 8 Port switch 8K entries enough. Requesting you to change it. Or replas with 24 port 16K MAC address and 8 port switch 8K MAC address .	Please see revision
490	VIII. Technical Specifications for LAN Switch	8 No	Safety standard : UL / IEC / MTCTE and NSDTS certified	MTCTE are mandatory requirements. However National Security Directive on Telecom Sector(NSDTS) is to be applied by Telecom service providers /ISPs, hence request you to remove NSDTS	Please see revision
491	Section-3	6.1, pg.37	The Sole Bidder or lead Bidder (in case of consortium) should submit valid letter from each of the OEM (one and only one OEM for each component)	Request to allow minimum 3-4 OEM MAF. It was followed in BSNL Bhartnet Phase 3 RFP also	Duplicate Query, Refer Corrigendum-1 with Revised criteria
492	Section-5	26d, pg.118	UPS with batteries having 6 Hrs power backup and solar panel	If solar required with UPS, there must be Hybrid UPS required. Please clarify	Pls see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
493	Section-5	6.10 (V) pg.134	The PIA is required to terminate such OFC at an appropriate location in the village in a minimum 16 pair FTB and at the GP FDMS/FTB from where connectivity extended to revenue villages either with a new mini-OLT or using splitters and the mini- OLT installed at the GP.	16 Pair FTB not clear. The FTB as per TEC is up to 24 F and 24/48 F FDMS Type III A/Type III B. Please clarify	As per TEC-GR for FTB : TEC/GR/TX/FTB-02/02/APR-2010 with latest amendments if any and RFP requirement.
494	Section-10	2 (VI) pg.280	TSEC Required for Racks at GP & Block Level	Specifications of Rack at Block is missing. There is no EMS required for racks while as per TSEC requirement, EMS is must. Please specify.	Please see revision
495	Section-10	Annexure A: TECHNICAL SPECIFICATIONS pg.281	Lithium Ion Battery of 2400 VAH to be used.	Please specify the Voltage and Ampere Hour	Please see revision
496	Section-10	Annexure A: TECHNICAL SPECIFICATIONS pg.281	UPS (TEC GR Standard No.: TEC 66140:2019 with latest amendments, if any)	Given TEC GR has been discontinued and new GR issued for hybrid UPS which is part of BSNL Bharatnet Ph-III. Please clarify	Please see revision
497	Section-10, pg.286	Annexure A: TECHNICAL SPECIFICATIONS	Technical Specifications for FDMS – Type Rack mount , Space 48 F per 1 U	The FDMS required is as per TEC GR Standard No.: TEC 87010:2007 . The 48 F shelf is of 3 U height as per TEC standard. 48 F per 1 U is not clear . Please clarify	Please see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
498	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS	IX. Remote Fibre Management System (RFMS) pg. 298	Wavelength Supported:- 1650 nm, 1550 nm, 1310 nm	As per the latest amendment in the TEC GR of Remote Fibre Test and Monitoring System (GR No. TEC/GR/TX/RFM-001/02/MAR-15) d) Clause No. 4.1.4.3 shall be read as below: Dark fibre monitoring wavelength shall be 1550nm or 1625nm or 1650nm as the requirement or design for the network is to be monitored. Please specify whether we should refer the latest amendment mentioned above for this tender.	Please see in preceding responses
499	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS	IX. Remote Fibre Management System (RFMS) pg. 298	Power input:- Dual DC/AC (As per site availability)	It has been mentioned that equipment should have dual DC/AC power input capability. Kindly confirm no of sites having the DC power supply of -48V DC and which one will have 240V AC so that we can provide same in our system.	Please see in preceding responses

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
500	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS	IX. Remote Fibre Management System (RFMS) pg. 298	Optical Test Cycle:- Minimum 10 Million	As per TEC GR of Remote Fibre Test and Monitoring System (GR No. TEC/GR/TX/RFM-001/02/MAR-15) the RFMS is intended to support a switching cycle of 1 billion cycles, ensuring high performance and reliability over time. However, downgrading the specifications for OTDR will have a significant impact on the system's overall performance and will ultimately lead to a degradation of the system's performance.	Please see in preceding responses
501	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS	IX. Remote Fibre Management System (RFMS) pg. 299	GFGNL's GIS server for the entire fiber network is in-service. The RFTS system shall be linked with GIS system. All faults should be displayed on the screen of GIS. RFTS system should be able to take the GIS coordinate provided by third party GIS and incorporate in the email alert and SMS alert. The RFTS EMS vendor shall help the GIS vendor to get the RFTS EMS system integrated with the GIS system via REST API or SNMP.	<p>As per our understanding, the current workflow for the existing RFMS deployed in the GFGNL network involves forwarding the optical fault location to the NMS (Network Management System). The NMS then forwards the data to the GIS (Geographical Information System), which returns the coordinates of the optical fault to the NMS for email alerts.</p> <p>We would like to have clarification whether we should continue to follow the existing workflow or if we need to integrate a new workflow as per the requirements outlined in the RFP. Clarity on this will help us to ensure our approach for this tender.</p>	Please see in preceding responses

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
502	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS	IX. Remote Fibre Management System (RFMS) pg. 299	Integrated cable Management System for Inside and outside plant. Optical Inventory Module for logical and Physical network for port-to-port connectivity, Route search and service provisioning.	<b>Removal of clause</b> We understand that this clause belongs to GIS vendor/OEM, as it is not a part of RFMS functionality. Therefore we request to remove this clause from RFMS/RFTS section. Even in the BBNL tender, Tender No. MM/BNO&M/BN-III/T-791/2024 issued on 15.02.2024 it was removed via amendment No. BSNLCO-MMT/14(11)/3/2024-MMT Dated: 08/05/2024	Please see in preceding responses
503	SECTION-5	SCOPE OF WORK	New telecom grade shelters at block locations of BharatNet Phase-I to house all network equipment instead of BSNL exchanges and upgradation of the existing telecom trade shelters at block locations of BharatNet Phase-II will be addressed through the separate tender.	Please share lat long and address of this shelter location	We have already provided all GP list with LGD code and asset details. We have given you 15 days time for survey on Page No.153 note i. Further, we advised to send authorized person for site visit. In case, any network confidential information is required, Please send your authorized person with NDA for better know-how.
504	SECTION-5	SCOPE OF WORK	New telecom grade shelters at block locations of BharatNet Phase-I to house all network equipment instead of BSNL exchanges and upgradation of the existing telecom trade shelters at block locations of BharatNet Phase-II will be addressed through the separate tender.	Please share existing indicative shelters Layout	We have already provided all GP list with LGD code and asset details. We have given you 15 days time for survey on Page No.153 note i. Further, we advised to send authorized person for site visit. In case, any network confidential information is required, Please send your authorized person with NDA for better know-how.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
505	SECTION N-5	SCOPE OF WORK	New telecom grade shelters at block locations of BharatNet Phase-I to house all network equipment instead of BSNL exchanges and upgradation of the existing telecom trade shelters at block locations of BharatNet Phase-II will be addressed through the separate tender.	Please share existing Shelter Power backup provision.	We have already provided all GP list with LGD code and asset details. We have given you 15 days time for survey on Page No.153 note i. Further, we advised to send authorized person for site visit. In case, any network confidential information is required, Please send your authorized person with NDA for better know-how.
506	SECTION N-5	5.2 DETAILED SCOPE OF WORK 26. Network Design:	k) Maximum number of GP rings to be parented at Sub-Block shall be three (4)	we understand that number of GP ring to be parented at sub block shall be 3 only, kindly confirm	This clause is revised as "Average number of GPs to be parented at Sub-block shall normally be around twenty-three (23). In exceptional case, after approval of GFGNL it may allow maximum up to thirty (30) with given due justification."
507	SECTION N-5	25. Site Survey and Planning:	GFGNL shall provide the GIS details for site and route data of the Existing Network to the PIA on as is where is basis	Please Provide GIS Based Existing Network asset Dump indicative modelling of racks and installed Network element View details of existing network with site and route data	We have already provided all GP list with LGD code and asset details. We have given you 15 days time for survey on Page No.153 note i. Further, we advised to send authorized person for site visit. In case, any network confidential information is required, Please send your authorized person with NDA for better know-how.
508	SECTION N-5	25. Site Survey and Planning:	GFGNL shall provide the GIS details for site and route data of the Existing Network to the PIA on as is where is basis	Please share Asset modelling of racks and installed Network element indicative view in GIS	We have already provided all GP list with LGD code and asset details. We have given you 15 days time for survey on Page No.153 note i. Further, we advised to send authorized person for site visit. In case, any network confidential information is required, Please send your authorized person with NDA for better know-how.



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
509	SECTION-5	25. Site Survey and Planning:	GFGNL shall provide the GIS details for site and route data of the Existing Network to the PIA on as is where is basis	Please share existing geo referenced OFC layer with all the tributes in .shp or .kml format	We have already provided all GP list with LGD code and asset details. We have given you 15 days time for survey on Page No.153 note i. Further, we advised to send authorized person for site visit. In case, any network confidential information is required, Please send your authorized person with NDA for better know-how.
510	SECTION-5	25. Site Survey and Planning:	e) The PIA shall ensure that the GIS based file formats should be compatible with GFGNL's GIS platform. Furthermore, sharing and integration of GIS data under this project with the aforementioned platform shall be the responsibility of the PIA and GFGNL shall provide reasonable assistance in the same.	We understand .shp & .kml format should support by GIS platform	Yes as per clarification sought
511	SECTION-5	25. Site Survey and Planning:	e) The PIA shall ensure that the GIS based file formats should be compatible with GFGNL's GIS platform. Furthermore, sharing and integration of GIS data under this project with the aforementioned platform shall be the responsibility of the PIA and GFGNL shall provide reasonable assistance in the same.	Please confirm if existing GIS platform accept the tabular information? If yes then GFGNL shall freeze format to share the information	We have already provided all GP list with LGD code and asset details. We have given you 15 days time for survey on Page No.153 note i. Further, we advised to send authorized person for site visit. In case, any network confidential information is required, Please send your authorized person with NDA for better know-how.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
512	SECTION-5	5.2 DETAILED SCOPE OF WORK	<p>a. Upgrade existing BharatNet network to make it robust, redundant and carrier-grade.</p> <ul style="list-style-type: none"> <li>• The PIA shall replace the existing GPON equipment with IP-MPLS routers (Access/Aggregator)</li> <li>• The existing OFC network shall be upgraded from linear to ring topology.</li> </ul> <p>b. PIA shall integrate the existing (Phase I &amp; II) GPs and newly covered GPs (to be created) under BharatNet network. PIA shall conduct a detailed survey to cover all the GPs in a package by forming GP rings. These rings may consist of existing (Phase I &amp; II) GPs and newly covered GPs (to be created) under BharatNet.</p>	Request to share information of existing network in GIS format to conclude preliminary working before physical survey	<p>We have already provided all GP list with LGD code and asset details. We have given you 15 days time for survey on Page No.153 note i. Further, we advised to send authorized person for site visit.</p> <p>In case, any network confidential information is required, Please send your authorized person with NDA for better know-how.</p>

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
513	SECTION-5	5.3 FIBERIZATION AND DESIGN PRINCIPLES	4. New OFC routes and last miles are to be built in such a way that it should be enroute to connect Government Schools, Police stations/chowki, Health centers, banks, post offices, forest offices, fair price shops, animal husbandry, Food and civil supplies, co-operative and government field offices, tourism destinations, community science centers, R&B toll booths, fisheries, Port and SEZ, GIDC, Telecom towers	Kindly share the lat long of the aspired locations along with 4431 revenue village, to consider the same while designing of network	We have already provided all GP list with LGD code and asset details. We have given you 15 days time for survey on Page No.153 note i. Further, we advised to send authorized person for site visit. In case, any network confidential information is required, Please send your authorized person with NDA for better know-how.
514	SECTION-5	5.3 FIBERIZATION AND DESIGN PRINCIPLES	1. PIA has to ensure Sub-block to Sub-block ring on 48F Armored Ribbon straight fiber path (Spinal path) considering major road (NH/SH/DMR)	Kindly guide about Sub block ring formation criteria	The bid is on EPC model for blending, creativity of private sectors in fiberization, and cost optimization, measurable scientific outcome for simplified payments against numeric level deliverables which are clearly defined in the RFP for faster roll-out linked with timely payment for ease of doing business and high network uptime. Pls refer RFP clause 5.3 fiberization and design principles
515	SECTION-5	5.3 FIBERIZATION AND DESIGN PRINCIPLES	7. Baseline criteria of existing fiber for Phase-I should be as per following:	Kindly share the phase I route (span wise) in kml or shp file format	We have already provided all GP list with LGD code and asset details. We have given you 15 days time for survey on Page No.153 note i. Further, we advised to send authorized person for site visit. In case, any network confidential information is required, Please send your authorized person with NDA for better know-how.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
516	SECTION-5	5.3 FIBERIZATION AND DESIGN PRINCIPLES	8. Baseline criteria of existing fiber for Phase-II should be as per following:	Kindly share the phase II route (span wise) in kml or shp file format	We have already provided all GP list with LGD code and asset details. We have given you 15 days time for survey on Page No.153 note i. Further, we advised to send authorized person for site visit. In case, any network confidential information is required, Please send your authorized person with NDA for better know-how.
517	SECTION-5	5.3 FIBERIZATION AND DESIGN PRINCIPLES	11. PIA has to keep loop at standard distance for better operations	Kindly confirm total ofc loop length at joint chamber	Please see preceding response
518	SECTION-5	5.3 FIBERIZATION AND DESIGN PRINCIPLES	11. PIA has to keep loop at standard distance for better operations	Kindly confirm total ofc loop length at loop chamber	Please see preceding response
519	SECTION-5	5.3 FIBERIZATION AND DESIGN PRINCIPLES	11. PIA has to keep loop at standard distance for better operations	Kindly confirm minimum distance between two chamber	Repeated query, kindly see preceding response

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
520	SECTION-5	5.3 FIBERIZATION AND DESIGN PRINCIPLES	<p>15. PIA has to do fiber work for "Repair-Reconstruct- Rectify- Replace" of existing fiber of Phase-I and Phase-II on rates mentioned in the annexure-F,</p> <p>a) For rectification or replacement of the % work scope is expected as below,  For Phase-I, In between of 10% to 20% of existing network,  For Phase-II, In between of 5 % to 10% of existing network</p> <p>b) Beyond the given above upper limit, any additional cost of repair or replacement will be in the scope of the bidder and Bidder shall be given access of network to ascertain health of existing network for the duration 2 Weeks and to made approximation of % scope to be declared in the technical qualifications criterias.</p>	<p>Fiber Rectification scope is fundamentally depends on how Phase -I &amp; Phase -II fiber being maintained. The clause creating uncertainty about rectification scope hence request to provide clarity on the same or shall be treated as new network deployment.</p>	<p>Adequate risk coverage is provisioned in the RFP for both GFGNL and PIA as additional payment over and above the bid value,</p> <p>For Phase-I, In between of 10% to 20% of existing network shall be paid by the GFGNL. At the same time, beyond opted limit in between 10% to 20%, the PIA have to do that replacement without cost to GFGNL.</p> <p>For Phase-II, In between of 5 % to 10% of existing network shall be paid by the GFGNL. At the same time,beyond opted limit in between 5% to 10%, the PIA have to do that replacement without cost to GFGNL.</p>

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
521	SECTION-5	5.3 FIBERIZATION AND DESIGN PRINCIPLES	C)The PIA shall also plan and lay 24F (in replacement of BSNL/Railtel leased fiber from block to FPOI) as per the requirement based on survey. Multiple FPOI in same route (from block to FPOI on existing BSNL fiber), may require 2x24 Fiber OFC, PIA shall lay 48F OFC in such routes	Request to share information in GIS format to consider the route while designing of new rings	We have already provided all GP list with LGD code and asset details. We have given you 15 days time for survey on Page No.153 note i. Further, we advised to send authorized person for site visit. In case, any network confidential information is required, Please send your authorized person with NDA for better know-how.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
522	SECTION-5	5.8 VIDEOGRAPHY	<p>3) The MP4 Video should have 3 windows running concurrently for following views-</p> <ul style="list-style-type: none"> <li>• Window 1 – Physical work being carried out with Lat/ Long and Date/Time stamp</li> <li>• Window 2 – Location of the activity on Google Map.</li> <li>• Window 3 – KMZ/KML file with chainage, OFC route, Depth, Offset from road center &amp; Lat/ Long of Joint pits etc.</li> </ul> <p>4) Each Video file should be of at least 2 minutes time duration capturing works being done for 40 Mtrs in case of Open Trenching and one shot in case of HDD. The size of each Video file should not be more than 30MB so that the same can be sent through mobile/mail etc.</p> <p>5) The speed of movement of the camera while recording the Video should be maximum 20Mtr/Minute.</p> <p>6) All Video recordings should be done in day light time without rain, fog, mist etc. Wherever, the video recording is not possible, photographs should be taken at every 10 meters with the approval of GFGNL.</p> <p>7) The nomenclature of the files should be in the following format:- XXXX_YYYY: 12345_67890: Work</p>	Hope GFGNL Mobile application will serve these functionalities	Yes, Interpretation is correct

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
			XXXX is the Route Abbreviation as per the Work Order YYYYY is the Package +District+Block Abbreviation as per the Work Order 12345 is the Chainage of start point of Video Recording 67890 is Chainage of end point of Video Recording		



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
523	Section-10 SPECIAL TECHNICAL CONDITIONS- Annexure-B XIII. Rack at GP Locations	Sr.3 PDU	10 no. of 5/15A sockets	Not asked in Tender, however Delta can comply this. 15A sockets seems to be too big for 500VA inverter. Suggest to consider only 5A in design.	Duplicate query, Refer answer described in Query 472
524	Section-10 SPECIAL TECHNICAL CONDITIONS- Annexure-B XIII. Rack at GP Locations	Sr.4 Sliding Trays	2 Nos.	Not asked in Tender, however Delta can comply this.	Please see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
525	Section-10 SPECIAL TECHNICAL CONDITIONS- Annexure-B XIII. Rack at GP Locations	Sr.9 Misc.	Minimum 600 mm above from Floor level. Required fabrication stand to be made by PIA.	Rack is having plinth(foot) of 300mm. Do we need to provide stand also ?	Please see revision
526	Section-10 SPECIAL TECHNICAL CONDITIONS- Annexure-B XIII. Rack at GP Locations	Sr.11 Misc.	All enclosure panels are single walled bolttable from inside with earthing to be done on all flat parts	Clause is complied keep in view of BSNL clarification letter no. BSNLCO-MMT/14(11)/3/2024-MMT dated 08-05-2024 against clarification no. 2398 attached in Volume-1 at page no.40.  <b>(All the door, side and rear panels to be individually constructed out of separate single sheets)</b>	Please see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
527	Section-10 SPECIAL TECHNICAL CONDITIONS-Annexure-B XIII. Rack at GP Locations	Sr.16 Frame Material	Zinc magnesium coating with 25mm system punching in the roof and base frame plus vertical sections with two mounting levels, rolled out of a single sheet. Powder coated with UV Resistant pure polyester RAL 7035 Matt super durable with painting thickness of 80 to 120 microns minimum.	Clause is complied keep in view of BSNL clarification letter no. BSNLCO-MMT/14(11)/3/2024-MMT dated 08-05-2024 against clarification no. 160, 241 & 2398 attached in Volume-1 at page no.11, 13 & 40.  <b>(25 mm system punching is optional provided all the planned equipment can be I3148 fitted in the rack.I3155)</b>	Please see revision
528	Section-10 SPECIAL TECHNICAL CONDITIONS-Annexure-B X. Minimum Technical specifications for Uninterrupted	Sr.3 Backup time	Minimum 6Hrs with full load	For 6Hrs backup with 500W (full load), ~ 100AH 48V Li-ion battery is required. As per tender, 2400VAH (50AH) is required which is suitable to give 6Hrs backup for 250W load. Suggesting you to check the actual load of Router with future expansion of 1 more.	Please see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
	Power Supply (UPS) System at GP				
529	Section-10 SPECIAL TECHNICAL CONDITIONS-Annexure-B X. Minimum Technical specifications for Uninterrupted	Sr. 6 Input Voltage Range	110-280 V	Just for information , as per GR66160:2024, Voltage range requirement is 100V to 300V.	Please see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
	Power Supply (UPS) System at GP				
530	Section-10 SPECIAL TECHNICAL CONDITIONS-Annexure-B X. Minimum Technical specifications for Uninterrupted	Sr. 7 Output Voltage	AC: 230 V	Just for information , as per GR66160:2024, Output Voltage requirement is 230V± 5%	Repeat query

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
	Power Supply (UPS) System at GP				
531	Section-10 SPECIAL TECHNICAL CONDITIONS-Annexure-B X. Minimum Technical specifications for Uninterrupted	Sr. 8 Electrical Safety	Isolation transformer for Source isolation	There is galvanic isolation in input and output hence no separate isolation transformer is required.	Repeat query

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
	Power Supply (UPS) System at GP				
532	Section-10 SPECIAL TECHNICAL CONDITIONS-Annexure-B X. Minimum Technical specifications for Uninterrupted	Sr. 9 IP standard	IP 21 & above	As per GR66160:2024, HUPS is a 19" subrack which has to be mounted inside IP55 Outdoor cabinet as per Tender requirement. Hence there is no such requirement of IP21. HUPS power shelf/subrack is IP20 which is sufficient to meet the protection level once placed inside IP55 rack.	repeat query

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
	Power Supply (UPS) System at GP				
533	Section-10 SPECIAL TECHNICAL CONDITIONS-Annexure-B X. Minimum Technical specifications for Uninterrupted	Sr. 12 Input Frequency	50 HZ (+/- 1% at Battery mode)	Input frequency in battery mode (DC) is not applicable	Repeat query



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
	Power Supply (UPS) System at GP				
534	Section-10 SPECIAL TECHNICAL CONDITIONS-Annexure-B X. Minimum Technical specifications for Uninterrupted	Sr. 14 Output Frequency	50Hz +/- 1%	As per GR66160:2024, 50Hz± 2Hz is required	Repeat query

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
	Power Supply (UPS) System at GP				
535	Section-10 SPECIAL TECHNICAL CONDITIONS-Annexure-B X. Minimum Technical specifications for Uninterrupted	Sr. 18 Alarm Execution method	RJ45 With SNMP at SNOC / CNOC	<p>As per Tender, HUPS will share its data with Rack controller over RS485/modbus/SNMP and Rack controller will be integrated with S-NOC via web interface.</p> <p>However Delta can comply to integrate HUPS directly with S-NOC via SNMP.</p>	Please define Delta

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
	Power Supply (UPS) System at GP				
536	Section-10 SPECIAL TECHNICAL CONDITIONS-Annexure-B X. Minimum Technical specifications for Uninterrupted	Sr. 19 AVR(Auto Voltage Regulators)	In built (6 stages)	No such 6 stage AVR is asked in GR. Inverter design is based on Switch mode power supply technique as per GR66160:2024 which can work at wide input range of 100V to 300V and can provide output 230V± 5%	AVR removed

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
	Power Supply (UPS) System at GP				
537	Section-10 SPECIAL TECHNICAL CONDITIONS-Annexure-B X. Minimum Technical specifications for Uninterrupted	Sr. 21 Certification	ISO,BIS,UL,CE,VE	ISO - Complied at organisation level BIS - Not applicable UL - Safety cerification as per TEC GR66160:2024 CE - Not covered under TEC GR VE - Please clarify it	Please see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
	Power Supply (UPS) System at GP				
538	Section-10 SPECIAL TECHNICAL CONDITIONS-Annexure-B X. Minimum Technical specifications for Uninterrupted	Sr. 26 No.of Batteries	As per load	As per Tender, 2400Vah (50AH) is required	Please see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
	Power Supply (UPS) System at GP				
539	Section-10 SPECIAL TECHNICAL CONDITIONS-Annexure-B X. Minimum Technical specifications for Uninterrupted	Sr. 28 Recharge time	6 to 8 Hrs in Offline mode	It should be Online mode. Battery shall be charged from Grid supply and Solar(if available).	Please see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
	Power Supply (UPS) System at GP				
540	Section-10 SPECIAL TECHNICAL CONDITIONS-Annexure-B X. Minimum Technical specifications for Uninterrupted	Sr. 30 Wiring	Avg. 15 Mtr wiring with end to end Commissioning at both Input and Output End	Need more clarity on the scope of wiring specially output wiring.	Already responded above.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
	Power Supply (UPS) System at GP				
541	Section-10 SPECIAL TECHNICAL CONDITIONS-Annexure-B X. Minimum Technical specifications for Uninterrupted	Sr. 31 Anti theft Mechanism	Anti theft screw and cabinet/rack etc	As per tender specs, Access control system is provided in rack which can only be opened by Authorised person.	Please see revision



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
	Power Supply (UPS) System at GP				
542	3	3.1 pg.32	Company Turnover	We request that the business turnover from any business should be considered and not just OFC deployment ,ites or tleeocm networking as it is limiting the participation . It will allow greater participation as it is curently restrictive in nature.	Duplicate Query, Refer Corrigendum with Revised criteria
543	3	3.1 pg.34	Experience: Lead bidder(in case of consortium) should have average annual turnover as per following in last three audited financial years ( FY 2021-22, FY 2022-23, and FY 2023-24 ) solely generated from the business of OFC deployment/ Telecom Networking / ITeS field only	There seems to be typographical error in the clause, in case of consortium any of the consoritium partner can have demonstrable experience and not just lead bidder of 10300kms.	Duplicate Query, Refer Corrigendum with Revised criteria

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
544	3	3.1 pg.36	Experience : Note 5 If a bidder falls short of the EPC requirement through underground OFC-implementation, upto 40% of the EPC requirement can also be met through EPC work of 24 or more core Aerial Fiber Cables (deployed in BharatNet by BBNL or state SPV)/ ADSS/ OPGW OFC.	We request to include exp in ADSS/ OPGW from TSPs, Category-A ISPs, IP-1, Central Government, State Government, Municipal Corporations for Smart City Projects, BharatNet SPVs, PSUs for their own network and not sub-contracted works and not just BN or state SPV	Duplicate Query, Refer Corrigendum with Revised criteria
545	3	3.1 Note 2: Consortium Criteria pg. 42	Only One Consortium is allowed. Consortium shall be not exceed more than two(2) including the lead bidder. And it should be any of the active component's OEM till the entire contract duration and act as a key knowledge partner.	Atleast 3consortium partner should be allowed	Duplicate Query, Refer Corrigendum with Revised criteria
546	3	3.2 TECHNICAL QUALIFICATION CRITERIA pg.47	1. Experience Capability:	This exp criteria is limiting the participation as not all bidders would have had executed single projects worth 750Cr as typically projects are not that huge in the TSPs or PSU experience. We request deletion of this clause in entirety and request the exp be considered by any of the consortium partners	Duplicate Query, Refer Corrigendum with Revised criteria
547	v) FACT SHEET	11 Page 17	Bid Processing fee payable	Please provide the amount of Bid Processing fee with GST as GST percentage is not given in the document	Pls see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
548	SECTION-3 ELIGIBILITY CRITERIA	3.1 PRE-QUALIFICATION CRITERIA vii (ii) Note 1 Page 33	1. In case the sole bidder or a Lead bidder (in case of Consortium) desires to bid for both of the packages then the bidder must have average annual turnover criteria (sum of 100% of highest and 25% of other package above financial value) i.e., for the last three audited financial years ( FY 2021-22, FY 2022-23, and FY 2023-24 )	Note 1 &4 and Note 2 are mutually conflicting. Please confirm whether sole or lead bidder can bid for only one Package or both the Packages.	Refer Corrigendum with Revised criteria
549	SECTION-3 ELIGIBILITY CRITERIA	3.1 PRE-QUALIFICATION CRITERIA vii (2) Note 2 Page 33	2. One sole or lead bidder can bid for only one package	Note 1 &4 and Note 2 are mutually conflicting. Please confirm whether sole or lead bidder can bid for only one Package or both the Packages.	Refer Corrigendum with Revised criteria
550	SECTION-3 ELIGIBILITY CRITERIA	3.1 PRE-QUALIFICATION CRITERIA vii (2) Note 4 Page 33	4. The lead bidder of one package is allowed to participate in only one package. However, Participation as a consortium member being a project experience partner in another package with other lead partner is allowed.	Note 1 &4 and Note 2 are mutually conflicting. Please confirm whether sole or lead bidder can bid for only one Package or both the Packages.	Refer Corrigendum with Revised criteria

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
551	SECTION-3 ELIGIBILITY CRITERIA	3.1 PRE-QUALIFICATION CRITERIA vii (2) (2.2) Page 33	The Sole must have atleast 15% positive net worth against their financial turnover in last three (3) financial years (i.e., FY 2021-22, FY 2022-23, and FY 2023-24 )	We understand that the the Networth requirement is 15% of the annual turnover of last (3) three financial years i.e. For Sole Bidder-15% of Rs1250 CR= 187.5 CR For Consortium- 15% of Rs 940 CR = 141 CR for Lead Bidder <b>AND</b> 15% of Rs. 625 CR = 93.75 CR for consortium partner.	Refer Corrigendum with Revised criteria
552	SECTION-3 ELIGIBILITY CRITERIA	3.1 PRE-QUALIFICATION CRITERIA vii (4) Page 34	Experience ii) For Equipment's : Experience of Telecommunication equipment installation,commissioning and <b>O&amp;M</b> of at least....	We understand that for the ongoing projects where equipments are installed & commissioned and being maintained as apart of the project or warranty meeting all the O&M requirement shall also be considered under this clause. Please confirm.	Refer Corrigendum with Revised criteria
553	SECTION-3 ELIGIBILITY CRITERIA	3.1 PRE-QUALIFICATION CRITERIA vii (4) Page 34	Experience ii) For Equipment's : Experience of Telecommunication equipment installation,commissioning and <b>O&amp;M</b> of at least	Please confirm the duration of O&M/ AMC for (i) Completed projects & (ii) Ongoing Projects	Refer Corrigendum with Revised criteria

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
554	SECTION-3 ELIGIBILITY CRITERIA	3.1 PRE-QUALIFICATION CRITERIA vii (4) Page 34 & 35	Experience The active nodes to be considered for this criterion can be include atleast, MPLS Routers, RFMS, Layer-3 Switches, Transport equipment(DWDM/PTN(packet and transmission equipments)/OTN/RON/CPANs/OLT of 16 or more ports	The active nodes considered for Bharatnet Phase III eligibility were "Routers, Layer-3 Switches, BNGs, PTNs/CPANs, DWDM, OLTs of 16 or more ports, enode-B, BTS and OTN". It is requested please add <b>BNG, enode-B, BTS, UBR</b> to the active nodes to be considered as Bharatnet and GFGNL projects are similar and both are funded by USOF.	Refer Corrigendum with Revised criteria
555	SECTION-3 ELIGIBILITY CRITERIA	3.1 PRE-QUALIFICATION CRITERIA vii (4) Page 35	Experience For ongoing projects • WO date must be earlier than one (1) year from bid released date(excluding bid released date).	We understand that for ONGOING Projects WO date should be a date before 29.1.2024 Please confirm our understanding.	Clause is self-explanatory. Hence no change in RFP Clause.
556	SECTION-3 ELIGIBILITY CRITERIA	3.1 PRE-QUALIFICATION CRITERIA vii (4) Page 34	Experience i) For Optical Fibre cable <b>Documentary proof</b> 3.1 Validated Data from Government sources (reports, portal log Etc.) • The details of ISP nodes or points of presence with their locations.	We request that Experience/ Work Completion Certificate in case of EPC project issued & signed by the PO issuing authority or an authority authorized by the PO issuing authority of the client entity along with the Work order/ Purchase Order with the name of contact person, postal address, email id and telephone numbers must suffice the criteria required for documentary proof of the experience being submitted in the tender.  Please amend the clause suitably.	Refer Corrigendum with Revised criteria

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
557	SECTION-3 ELIGIBILITY CRITERIA	3.1 PRE-QUALIFICATION CRITERIA vii (4) Page 34	Experience: The Sole or lead bidder in case of consortium should have demonstrable experience with following	The clauses are contradictory. Please clarify if technical eligibility should be met by sole/lead bidder or jointly by both the consortium partners.	Refer Corrigendum with Revised criteria
558	SECTION-3 ELIGIBILITY CRITERIA	3.1 PRE-QUALIFICATION CRITERIA Page 35	Note 1: The Sole bidder or members of the Consortium should meet the Technical Capability requirements either on their own or jointly for the works awarded directly by the TSPs, Category-A ISPs, IP-1, Central Government, State Government, Municipal Corporations for Smart City Projects, BharatNet SPVs, PSUs for their own network and not sub-contracted works	The clauses are contradictory. Please clarify if technical eligibility should be met by sole/lead bidder or jointly by both the consortium partners.	Refer Corrigendum with Revised criteria
559	SECTION-3 ELIGIBILITY CRITERIA	3.1 PRE-QUALIFICATION CRITERIA vii (6) Page 38	MAF submit valid Manufacturer Authorization Form (MAF) from maximum one(1) for all passive components (Like, (all types of OF Cables, Duct, Joint Closures (SJC & BJC), FDMS & FTB) and up to maximum one (1) OEMs for all active components (Routers, RFMS,UPS & Racks).	The mentioned clauses are contradictory. Please confirm whether bidder has to quote a single OEM or multiple OEMs are allowed in the bid.	Duplicate with Query, Kindly refer the answer in Query (155) and Revised Clause Annexure

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
560	SECTION-3 ELIGIBILITY CRITERIA	3.1 PRE-QUALIFICATION CRITERIA vii (6) Page 38	MAF In order to meet the delivery timelines, the successful bidder can procure and supply the material from one or more quoted OEMs in any combination	The mentioned clauses are contradictory. Please confirm whether bidder has to quote a single OEM or multiple OEMs are allowed in the bid.	Duplicate with Query, Kindly refer the answer in Query (155) and Revised Clause Annexure
561	SECTION-3 ELIGIBILITY CRITERIA	3.1 PRE-QUALIFICATION CRITERIA Notes:1 (IX) Page 41	For OFC OEM: The Sole Bidder/lead Bidder should submit valid letter from OEMs of OFC (one and only one OEM for each component)	The mentioned clauses are contradictory. Please confirm whether bidder has to quote a single OEM or multiple OEMs are allowed in the bid.	Refer Corrigendum with Revised criteria
562	SECTION-3 ELIGIBILITY CRITERIA	3.1 PRE-QUALIFICATION CRITERIA Note 5 (Make in India) Page 44	It is mandatory for the bidder to submit a self-certification as per proforma in Annexure(Part-A) and an undertaking in <b>Annexure (Part-B)</b> ,	The mentioned clauses are contradictory. Please confirm whether bidder has to quote a single OEM or multiple OEMs are allowed in the bid.	Refer Corrigendum with Revised criteria

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
563	SECTION-3 ELIGIBILITY CRITERIA	3.1 PRE-QUALIFICATION CRITERIA Note 5 (iv) (Make in India) Page 45	The Local Content shall mean the amount of value added in India which shall be the total value of item procured (excluding net domestic indirect taxes) minus the value of imported content in the item (including all custom duties) as a proportion of the total value, in percent. DPIIT letter dated 16.09.2020 & 04.03.2021 shall be referred for calculation of Local Content of bid.	We understand that the to promote MII initiative, latest Make in India Notifications from Department for Promotion of Industry & Internal Trade (DPIIT) Order No. P-45021/2/2017-PP (B.E.-II)-Part(4) Vol.II dated 19.07.2024 – Revision and followup notification from MINISTRY OF COMMUNICATIONS NOTIFICATION New Delhi, dated 21st October, 2024 identifying telecom products (along with LC value addition) with sufficient local capacity and competition are also applicable to this tender.	MII is applied in letter and spirit
564	SECTION-3 ELIGIBILITY CRITERIA	3.1 PRE-QUALIFICATION CRITERIA Note 5 (iv) (Make in India) Page 45	The Local Content shall mean the amount of value added in India which shall be the total value of item procured (excluding net domestic indirect taxes) minus the value of imported content in the item (including all custom duties) as a proportion of the total value, in percent. DPIIT letter dated 16.09.2020 & 04.03.2021 shall be referred for calculation of Local Content of bid.	Telecom products, services and works listed in Table-A of MINISTRY OF COMMUNICATIONS NOTIFICATION New Delhi, dated 21st October, 2024 have sufficient local capacity and local competition. Items mentioned in Table-A if required for GFGNL project should meet the Minimum Local Content (MLC) requirements specified against the item in Table A. Please confirm our understanding.	No Change as per RFP
565	SECTION-3 ELIGIBILITY CRITERIA	3.2 TECHNICAL QUALIFICATION CRITERIA Page 46-49	-	In case technical requirement is decided to be met by sole/lead bidder then project experience criteria to be met by sole/lead bidder only. Please confirm	Refer Corrigendum with Revised eligibility criteria



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
566	SECTION-4 INSTRUCTIONS TO BIDDERS	4.7 BID SECURITY/ Earnest Money Deposit (EMD) Page 53	Bidders shall submit, along with their Bids, EMD of Rs. 10 Cr/- (Ten Crores rupees only), in the form of a Demand Draft OR in the form of an unconditional Bank Guarantee	Format for BID SECURITY IN FORM OF INSURANCE SURETY BOND is provided on Page 248 of GFGNL tender Since surety bond is acceptable as EMD, surety bond also to be added in this clause as acceptable form of EMD. Please amend suitably.	Please see revision
567	SECTION-4 INSTRUCTIONS TO BIDDERS	4.13 Page 55	4.13 REJECTION OF BIDS If clause-by-clause compliance and Nil deviation statements as prescribed are not given, the bid will be rejected at the stage of primary evaluation.	We understand that submitting this Format VI -Performance of Compliance Letter on tender page 239 and Nil deviation statement will suffice the requirement of clause by clause compliances of complete Tender and separate tender compliances to each clause is not required to be submitted. Please confirm our understanding.	As per RFP, it is mandatory.
568	SECTION-4 INSTRUCTIONS TO BIDDERS	4.32 Page 65	4.32 PERFORMANCE GUARANTEE	Format-XIV PG Surety Bond is provided on Page 252 of GFGNL tender Since surety bond is acceptable as PBG, surety bond also to be added in this clause as acceptable form of PBG. Please amend suitably.	Pls see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
569	SECTION-4 INSTRUCTIONS TO BIDDERS	4.67 SELECTION CRITERIA & ALLOTMENT OF WORK Page 94	<b>Rate Matching Within the packages:</b> Within the package, price matching criteria will be applicable. While rate matching process, the bidder may choose corresponding matching product and rate. The sequence shall be L1 then L2 then L3 and .....So on of that particular package there after the same process will be repeated for other package followed with the same sequence and later with cross package. For the Convenience and simplification.	In lumpsum projects quote package discipline is followed for deciding the L-1 without going into item-wise rates. More specifically in this tender quotes are asked as one single price for meeting output criteria by applying own design & specification of products by bidder. So, it is not clear to us how this clause will be implemented/applied.  Kindly elaborate.	Pls see revision
570	SECTION-4 INSTRUCTIONS TO BIDDERS	4.71 (h.) PUBLIC PROCUREMENTS Page 101	The PIA shall submit the Field Trial test schedule; covering all the technical specifications as per the tender; to GFGNL for approval.	This tender is on the basis of QCBS & every bidder has flexibility to design its network with different combination of equipments for meeting the desired parameters of output.  Keeping in view the above we suggest that PoC may be conducted before opening of financial bid at bidder's lab or in extreme case it should be conducted before placement of advance purchase order.	Already responded above.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
571	SECTION-4 INSTRUCTIONS TO BIDDERS	4.71 (h.) PUBLIC PROCUREMENTS Page 101	The TSEC and field trial shall not absolve the PIA for offering the individual equipment for acceptance testing after installation	<p>This tender is on the basis of QCBS &amp; every bidder has flexibility to design its network with different combination of equipments for meeting the desired parameters of output.</p> <p>Keeping in view the above we suggest that PoC may be conducted before opening of financial bid at bidder's lab or in extreme case it should be conducted before placement of advance purchase order.</p>	refer the answer above
572	SECTION-5 SCOPE OF WORK	5.12 POC(PROOF OF CONCEPT) Bidder & OEM Responsibilities Page 138	PoC	<p>This tender is on the basis of QCBS &amp; every bidder has flexibility to design its network with different combination of equipments for meeting the desired parameters of output.</p> <p>Keeping in view the above we suggest that PoC may be conducted before opening of financial bid at bidder's lab or in extreme case it should be conducted before placement of advance purchase order.</p>	POC will be for successful bidder and is non-negotiable condition. Kindly refer RFP clause 5.12 POC(PROOF OF CONCEPT) for clarity.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
573	SECTION-5 SCOPE OF WORK	5.1 (e) Page 104	Establishment and Upgrade of State Network Operation Center (NOC)	We understand that there will be a separate tender for establishment of State NoC. So provisioning of Hardware & software for services offered by bidder of this tender will be in scope of S-NoC bidder. We shall only provide detailed sizing requirement of EMS of offered equipment. Please clarify	State NOC is the responsibility of GFGNL and it will be fulfilled on time including all digital tools like NMS, GIS, BSS, OSS etc. The potential bidders in this bid also may like to observe the RFP published on GFGNL website. The PIA/OEM through MAF are responsible to expose API and do necessary exchange of standard parameters to fulfill technology led network governance in the S-NOC. The OEM/PIA is essentially to integrate EMS related aspects in the open interface of unified NMS of GFGNL for the quoted active components. We'll get advance NMS system(network scanning and visibility of key network performance, provisioning and supervising indicators) and OEM/PIA must have to ensure all the qualitative parameters integration without fail. Any failure or unforeseen delay or non-cooperation will result into penalty of Rs. 10 lakh per quarter shall be deducted from the O&M. This deduction will be over and above the penalty cap limit.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
574	SECTION-5 SCOPE OF WORK	5.2 (iv) Page 108	As such, Strategic government locations of around 200 numbers connected on BharatNet Phase-II will also be part of this bid scope for which details will be shared separately	Kindly elaborate the kind of devices & services need to be catered for these 200 locations	Though the first and foremost objective of this RFP is to fiberized Gram Panchayat(GPs), villages on demand basis and block/sub-block. It is clarified here that each district HQ location, Tehsil Location is also a Block in the definition of the state administration. Thus, The Point of Presence ,for wide spread utilization of the network, are to be given at all district headquarter, TC HQ, Block/Sub-block, GP , on demand at villages. The fibre laying beyond any above-mentioned point of presence is not in the scope of the RFP. Please go through the fiberization principles laid in the RFP for meeting the cost efficient and continuity in the network.
575	SECTION-5 SCOPE OF WORK	5.3-26 (d) Page 118	<b>Category-2: Aggregation Layer (Sub-Block to Master-Block)</b> The Routers and RFMS at Sub-block along with configuration, cards and SFPs shall be made over by the PIA. <b>Category-3: Express/Core Layer (Master-block to State Data Center),</b> The Routers and RFMS at Master-block along with configuration, cards and SFPs for aggregation of sub-block network for internet breakout at district level shall be made over by the PIA.	We understand that Transmission racks, UPS, earthing, MCBs & FDMS will be provided by GFGNL at Category 2 & Category 3 locations. Kindly confirm.	All the sub-block/block locations, one FDMS and one ETSI standard transmission rack are to be supplied and factored in the bid. In case, if existing rack space and FDMS space are available to fulfill the terminal requirements and are permitted by GFGNL, then in lieu of non-supply of above rack, GFGNL shall deduct Rs. 20,000 per each rack (FDMS or equipment rack).

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
576	SECTION-5 SCOPE OF WORK	5.2.8 Page 110	Baseline criteria of existing fiber for Phase-I	Conflict between point 7a and 9a stating 60% at point 7(a) and 90% of cores at point 9 (a) of existing optical fiber cable to be continuous in each section with OTDR report submission and meeting the fiber loss guideline with LSPM report submission respectively.  Please clarify whether it is 60% or 90% of cores.	Pls go through RFP. Both are separate clause for baseline and bestline criteria for Phase-I
577	SECTION-5 SCOPE OF WORK	5.3.15 (b), Page 110-111	Beyond the given above upper limit, any additional cost of repair or replacement will be in the scope of the bidder and Bidder shall be given access of network to ascertain health of existing network for the duration 2 Weeks and to made approximation of % scope to be declared in the technical qualifications criterias	Requesting GFGNL to give access of network to ascertain health of existing network for the duration 6 Weeks instead of 2 weeks and to make approximation of % scope to be declared in the technical qualifications criterias. Alternatively we suggest that, as given in BSNL/BBNL tender, rectification of old network should be done on unit-wise rate for BoQ required to rectify & upgrade the network which may be developed jointly by GFGNL & successful bidder.	We have already provided all GP list with LGD code and asset details. We have given you 15 days time for survey on Page No.153 note i. Further, we advised to send authorized person for site visit.  In case, any network confidential information is required, Please send your authorized person with NDA for better know-how.
578	SECTION-5 SCOPE OF WORK	5.2.20, Page 111	All UG OFC and ADSS OFC shall be armored and meet the technical specification.	This is in contradiction with Annx-B 4-II Technical specification for OFC point.1 at page 285 of RFP.  Please clarify whether the ADSS is armoured or unarmoured.	All UG OFC shall be armored, and UG OFC and ADSS OFC meet the technical specification.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
579	SECTION N-5 SCOPE OF WORK	5.2.15, Page 115	Network Planning Tool.	Please provide the specification of network planning tool & the detailed scope, capabilities, interfacing requirement & file formats of the same.	The bid is on EPC model for blending, creativity of private sectors in fiberization, and cost optimization, measurable scientific outcome for simplified payments against numeric level deliverables which are clearly defined in the RFP for faster roll-out linked with timely payment for ease of doing business and high network uptime.
580	SECTION N-5 SCOPE OF WORK	5.3.26 (k), Page 119	Maximum number of GP rings to be parented at Sub-Block shall be three (4).	Please clarify, either it is 3 or 4?	This clause is revised as "Average number of GPs to be parented at Sub-block shall normally be around twenty-three (23). In exceptional case, after approval of GFGNL it may allow maximum up to thirty (30) with given due justification."
581	SECTION N-5 SCOPE OF WORK	5.3-26 (o-d-13) Page 125	NOC security - Implement security measures as per industry best practices and CERT-in guidelines to fortify the NOC infrastructure against potential cyber threats or any other security lapses.	Pls refer to clause 5.1 (e). As per this clause, there will be a separate tender for NoC creation. So this requirement should be in scope of the S-NoC tender. Kindly remove the clause.	The Protocol and security compliance related to the supplied product has to be ensure by the Bidder and OEM as specified DoT/TRAI/GoG/CERT/etc. Thus, offered product /solution must adhere to security norms, prevailing security practices and it should not limit functionality of security activations.
582	SECTION N-5 SCOPE OF WORK	5.4 (viii) Page 126	NMS shall be provided by GFGNL at CNOC -Gandhinagar	Kindly clarify that GFGNL will procure the necessary Hardware & Software for Alternate Technology NMS of offered OEM in this tender at NoC. We shall provide details of required licenses and Sizing.	EMS for alternate technology to be provided by OEM/PIA and NMS for the same will be provided by GFGNL at CNOC -Gandhinagar.  Connectivity through API of EMS for integration with NMS or suitable mechanism will be provided by selected PIA/OEM.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
583	SECTION-5 SCOPE OF WORK	5.7.iv, Page 129	The deployment on Alternate Technologies shall be permitted for digital connectivity of revenue villages. The PIA shall work out the possible Alternate Technology solutions in consultation with I.E., and submit the report, duly recommended by the IE, to GFGNL. GFGNL shall approve such cases for implementation. In case the alternate technology is decided as Unlicensed Band Radio (UBR), Free Space Optics (FSO)/ Light Fidelity (Li-Fi) or Aerial OFC laying (ADSS), the PIA shall supply, install & commission the same as per the technical specifications mentioned in this RFP relevant section and annexure.	Please clarify that in case of alternate technology as UBR or FSO, who shall be responsible for providing the infrastructure for installation of the devices. If we have to deploy the infrastructure like tower, pole etc. then kindly provide the prices of the same. Please confirm.	Infrastructure like tower, pole etc. shall be in Bidder's scope. Space and power shall be in GFGNL's scope.
584	SECTION-5 SCOPE OF WORK	5.7 (k) Page 130	For the Phase-I(At GP site) connectivity adding of L2 switch(minimum 24 port)/Mini OLT will be in the scope of selected bidder based on the concurrence of the GFGNL official.	Kindly confirm that a 24 port L2 Switch / Mini OLT will be required at each GP locations of Phase-I.	Repeated query, kindly see revised clause.



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
585	SECTION N-5 SCOPE OF WORK	5.9. iv, Page 133	The length of cables laid in trenches, through pipes and through ducts shall be measured by use of OTDR for the purpose of accuracy of the identification of cuts during O&M. The payment for such laying/trenching as per price schedule shall be made as per the RODO Meter readings and not as per the OTDR readings.	Since minimum 20 Meter extra OFC length is to be kept at every Joint, measurement of cable should be done as per OTDR length. The additional OFC required for loop and wastage will be considered in OFC cost. Please confirm	It is for better operation purpose.
586	SECTION N-5 SCOPE OF WORK	5.10 point.ix, Page 134	The O&M payment to the PIA for the concerned Block shall not be released, till all such villages for which the work orders in the block have been issued are provided with connectivity within 30 days of the work order. A penalty of Rs 100 per day of delay beyond 28 days shall be levied, unless the exemption is given by BSNL on case-to-case basis with proper justification for the reasons beyond the control of the PIA.	Please clarify the following points: 1) No of villages per Work Order to be defined or min/max to be mentioned. 2) No of Work Order per Block to be defined or min/max to be mentioned. It should be decided based on no of villages per WO, geographical condition and availability of EB poles. 3) The O&M payment should not be linked with completion of WO within the Block and should be on connectivity basis.	Kindly see revised clause.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
587	SECTION-5 SCOPE OF WORK	5.11.g Table-0A, Page 137	ROW Timelines	<p>1. Conflict with clause 5.13.2 TIME LINES OF INITIAL SURVEY as it can be applied after survey approval.</p> <p>2. It should be based on survey approvals from GFGNL and progressively submission of ROW applications.</p> <p>3. DN timelines should be revised as per previous experience authority like Railway, Forest and NH takes appx 2-3 months for approval and DN generation.</p> <p>Please clarify</p>	<p>1. 5.13.2 is linked with HoTo of existing network and not linked with RoW timeline which require for new section work, both are separate matter</p> <p>2. EPC</p> <p>3. The Central Government has notified the “BharatNet”, as a special project for the establishment of telecommunication network which will ease ROW application process. In-ordinate delay on part of RoW agency will be considered for relaxation subject to all application documents and clarifications are provided by the bidder to RoW agency and delay is not attributed on his part.</p>
588	SECTION-5 SCOPE OF WORK	5.13 (vii-e-7) Page 140	PIA shall support on extending access of the Network Management System or other equivalent systems along with network performance reports on a mutually agreed basis to State NOC of GFGNL, CNOC-BharatNet Delhi, and Bangalore NOC.	Kindly clarify that all the hardware & software related to NMS / EMS of Routers, RFMS etc will be housed in State DC with a replica in State DR from which the support will be extended to S-NoC of GFGNL. Is our understanding correct?	IT and Non-IT components in DR are out of scope for the Bidder. The bidder's scope related to DR is limited to fiberization(2CNO) and associated work for termination of fiberization in the DR and RFMS for fiber health while designing and optimizing the network.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
589	SECTION-5 SCOPE OF WORK	5.13.1 (a), Page 141	<p>INFRASTRUCTURE</p> <p>PIA shall undertake the responsibility for Operations &amp; Maintenance (O&amp;M) of the Existing Network including the GFGNL laid in BharatNet Phase-I &amp; II including the existing leased OFC in Ph-I till the same is replaced with the new laid network, incremental OFC laid under BharatNet &amp; also of both Phase-I &amp; II networks GPON equipment (OLTs, ONTs), RFMS, and Solar Photo Voltaic Systems at the GPs, all active and passive elements like but not limited to fibre, duct, joint indicators, (single &amp; three phase)Stabilizers, UPS at GP end, etc., Old infrastructure created under Bharatnet Phase-II including all GPON equipments and utility and New Network delivered against scope mentioned in this RFP.</p>	<p>As per phase-II RFP both packages have operational RFMS with 35dB dynamic range with 16 ports.Please confirm that these RFMS inventory has to be managed as is, since current RFP requires RFMS with 40dB dynamic range and 24ports.</p>	<p>RFMS with 40dB dynamic range and 24 ports are to deployed for monitoring of Phase-I GPs in this RFP.Further, It is the bidder's responsibility to monitor Ph-II GPs through existing RFMS on as is where is basis or bidder may considered new RFMS without any additional cost to GFGNL.</p>

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
590	SECTION-5 SCOPE OF WORK	5.13.1 (o) Page 143	Infrastructure developed through any authorized third party of GFGNL for BharatNet Phase- III ,like backhaul /network upgradation, power backup- utility upgradation will be manage by the selected bidder without any additional cost to GFGNL. In Summary, In case, if any other type of electronics equipment (to be installed at centralized as well as field locations) will be procured for this Network in future through separate tender, the selected PIAs will be responsible to perform O&M of those devices.	It is not possible to estimate / quantify O&M costs of equipment to be procured in future through separate tenders. GFGNL is requested to elaborate detailed scope or remove this clause to avoid any confusions in future.	Repeated query, please see preceding response.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
591	SECTION-5 SCOPE OF WORK	5.13.1.2 (b) I and 5.13.3 (k), Page 155 & 158	The OFC network corresponding to the GPs whose optical power is OK (-25 dB or better) and made over to the PIA by the outgoing FMA/PMA shall be transferred to the PIA for O&M on as is where is basis.	<p>Please provide the definition of "as is where is basis "We understand that it means network handover shall be done through proper HOTO process along with proper documents to check the health of the network &amp; any deficiencies shall be rectified by the outgoing PMA/FMA before HOTO.</p> <p>Few parameters cannot be checked and shall be relied upon the documents submitted by the outgoing PMA/FMA.</p> <p>Please confirm that any mismatch found later in actual network from documents shall be rectified by BSNL or actual charges based on our contract prices shall be paid on case to case basis.</p>	<p>PIA shall deploy sufficient resources on field to ensure network assessment during given HoTo timeframe.</p> <p>Adequate risk coverage is provisioned in the RFP for both GFGNL and PIA as additional payment over and above the bid value.</p> <p>For Phase-I, In between of 10% to 20% of existing network shall be paid by the GFGNL. At the same time, beyond opted limit in between 10% to 20%, the PIA have to do that replacement without cost to GFGNL.</p> <p>For Phase-II, In between of 5 % to 10% of existing network shall be paid by the GFGNL. At the same time, beyond opted limit in between 5% to 10%, the PIA have to do that replacement without cost to GFGNL.</p> <p>Please refer Baseline and Bestline criteria in this RFP, bidder has to verify existing network during initial survey for HOTO. No any additional payment will be done by GFGNL incase deficiencies found after HOTO and referring to mentioned limit as above.</p>
592	SECTION-5 SCOPE OF WORK	5.13.1.2 (a) & 5.13.3 (f & j), Page 158	3.2. Making Over the Network to PIA by BSNL: 3.2.1 Handover/ Takeover of the Existing BharatNet Phase-I & Phase-II Networks:	The O&M of an existing network is SI's responsibility. Please inform the arrangement with OEMs of items in the existing network to deal with End of Life/ End of Support situations.	Please see preceding response related to AMC and bidder's scope specifically mentioned for Phase-I, Phase-II and Phase-III.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
593	SECTION-5 SCOPE OF WORK	5.13.1.2 (b) I and 5.13.3 (j), Page 158	Making Over the Network to PIA by BSNL: In accordance with the Bid Document, M/s BSNL shall hand over the Existing Network to the PIA for Phase-I, and GFGNL for phase-II through its existing O&M agencies, within a maximum time period defined in this RFP in "good condition" (optical power is in the range -8 dBm to -25 dBm).	The typical minimum receiving sensitivity of ONT is -28dB with a class B SFP in an ideal stage, the hand over/ made over requirement of -25dB is too less with a margin of only -3dB. Considering the Contract period of 10 years, EOL margin of 4-5 dB is required. We request to consider minimum -22dB criteria for handover/ made over.	As per RFP; It is in alignment with BSNL led BharatNet Phase-III

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
594	SECTION-5 SCOPE OF WORK	5.13.3.f.1 Page 158	BharatNet Ph-I till GP end like newly developed OFC route from data centre to BHQ/Shelter to existing BSNL POI(in future may be shifted in new shelter) to GP	We understand that any new shelters shall be developed by GFGNL and is not in Scope of this tender. Please confirm.	<p>1. It is the responsibility of GFGNL to provide the shelter on time. It is the responsibility of PIA for timely survey, conveying the location of shelter at Sub-block location as part of overall fiberization plan.</p> <p>2. On best effort basis, GFGNL will provide shelter or in case of any difficulty or unforeseen delay in providing the shelter, then GFGNL will provide alternate location. To de-risk the PIA, it is clarified that the chance of shifting cases are very unlikely and over and above that even if the need of shifting is the necessity, then one time charges of following shall be applicable for payment by GFGNL to PIA to meet expenses upon intimation and approval.</p> <p>i) Shifting of electronics and accessories including re-installation and commissioning = Maximum up to Rs. 15,000 /- per location.</p> <p>ii) Rs. 400 per mtr for additional UG fiber work as per engineering instructions mentioned in RFP including material, workmanship and all the associated cost.</p> <p>Note- Above charges are excluding taxes.</p> <p>3. It is the responsibility of PIA to complete the shifting within 10 calendar days from intimation date. It is the responsibility of PIA to plan shifting properly without disruption of any downtime of services.</p>
595	SECTION-5 SCOPE OF WORK	5.13.5.2 Page 167	SERVER PROVISIONING	Please clarify the mechanism of provisioning & monitoring of services from NOC	Kindly refer separate RFP for NOC

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
596	SECTION-5 SCOPE OF WORK	5.13.5.2 a) Page 167	Server (Computing) and Storage for all software applications like NMS along with all other applications such as ERP, Project management tool, web portal mobile, etc. will be provided by GFGNL.	Kindly clarify whether GFGNL will provision all elements in SNoC, like Networking Devices (Core / Aggregation Routers, Access Switch) and Cyber Security equipment (Firewall, NIPS), passive elements, civil infra etc. SIs scope for this tender is restricted to sharing of dimensioning information with GFGNL.	State NOC is the responsibility of GFGNL and it will be fulfilled on time including all digital tools like NMS, GIS, BSS, OSS etc. The potential bidders in this bid also may like to observe the RFP published on GFGNL website. The PIA/OEM through MAF are responsible to expose API and do necessary exchange of standard parameters to fulfill technology led network governance in the S-NOC. The OEM/PIA is essentially to integrate EMS related aspects in the open interface of unified NMS of GFGNL for the quoted active components. We'll get advance NMS system(network scanning and visibility of key network performance, provisioning and supervising indicators) and OEM/PIA must have to ensure all the qualitative parameters integration without fail. Any failure or unforeseen delay or non-cooperation will result into penalty of Rs. 10 lakh per quarter shall be deducted from the O&M. This deduction will be over and above the penalty cap limit.



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
597	SECTION-5 SCOPE OF WORK	5.13.9 (k), Page 175	There may be the case, many of the active and passive equipments are under or out of warranty period. Selected PIA has to ensure to take the warranty and AMC of both active and passive network elements for BharatNet Phase-I & II for the same duration as mentioned in the appropriate clause in this RFP document. Similarly, To mitigate risk from power fluctuation, or aging or other causes of device failure, the PIA shall besides keeping the spares (as mentioned in clause 5.7.2), also obtain necessary warranty and AMC support from the manufacturers of passive components	5.7.2 clause is not given in RFP. Need clarification on EoL equipment and non-servicable items by the OEM. In cases where OEM is ready to replace EoL equipments with new one, payment of the difference should be paid by GFGNL.	Please see preceding response related to AMC and bidder's scope specifically mentioned for Phase-I, Phase-II and Phase-III. Refer clause 5.13.4 Table-OE Network inventory instead of 5.7.2.
598	SECTION-5 SCOPE OF WORK	5.13.10 Page 176	The PIA shall provide the required spares and service support for the supplied equipment in the Project. In case of any solution/ equipment reaching End of Life (EoL)/End of Service(EoS)/End of Support during contract period, the PIA shall be responsible for its replacement with equivalent or its higher specifications/upgraded versions.	We understand that PIA of this tender will only be responsible for the equipment offered through this tender, and not for any other equipment bought earlier or later by GFGNL. Please confirm.	Please see preceding response related to AMC and bidder's scope specifically mentioned for Phase-I, Phase-II and Phase-III.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
599	SECTION-5 SCOPE OF WORK	5.13.10.(b) & (c), Page 176	The PIA shall provide the required spares and service support for the supplied equipment in the Project. In case of any solution/ equipment reaching End of Life (EoL)/End of Service(EoS)/End of Support during contract period, the PIA shall be responsible for its replacement with equivalent or its higher specifications/upgraded versions.	Please clarify that what shall be the capacity augmentation mechanism of the equipment's on the verge of end of life installed in the existing infrastructure. Who will bear cost for replacement?	Please see preceding response related to AMC and bidder's scope specifically mentioned for Phase-I, Phase-II and Phase-III. Also refer clause 5.13.9 (k).
600	SECTION-6 PROJECT TIMELINES	Completion Timeline T+30 Months Page 183	Project Timelines	On tender page 18, Contract Duration is mentioned as 10 Years (3 Years of Implementation(As per Project timeline section), 10 Years of Operation and Maintenance) from the date of assigning work order.  However, on page 183, project completion timeline is given upto T+30 months only instead of T+36 months, Kindly clarify.	Timelines are given in such a way that breathing period/observation period can be adjust due to any unavoidable circumstances
601	SECTION-6 PROJECT TIMELINES	6.1, Page 183	Project Timelines	Project Milestones timeline is conflicting with survey and ROW timeline. As clause 5.13.2 (page-156) survey timeline is given for 5 months and after getting survey approved, ROW will be applied but clause 6.1 (page-183) stating to apply all ROW within 2months, which is not possible.	There are two simultaneous works to be done, 1. HOTO and 2. readiness for the fiber work. So for readiness of fiber work, 2 months of RoW application is given.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
602	SECTION-6 PROJECT TIMELINES	6.2 PAYMENT SCHEDULE OF PROJECT Page 188	10% of capex value: To be paid as an advance upon submission of Additional Bank Guarantee (ABG) of 110% of the mobilization advance, valid up to 60 days after the Project Go-Live milestone	<p>1) For Mobilization advance, it is requested to accept Insurance Surety Bond in addition to Bank Guarantee.</p> <p>2) Request to provide format for Insurance Surety Bond for Mobilization advance.</p> <p>3) For project performance, we shall be depositing PBG valid for the contract period. So, ABG must be released once the advance payment is adjusted from the bills of the PIA.</p> <p>4) Please provide the schedule of adjustment of advance form the bills of the PIA.</p>	<p>1) Insurance Surety Bond not accepted</p> <p>2) NA</p> <p>3) ABG will be released on completion of Capex Work ie after the Project Go-Live milestone</p> <p>4) Advance will not be adjusted against Bills of the PIA. It is 10% Payment.</p>
603	SECTION-8 FINANCIAL BID	(10) Page 224	Notional Capex of <b>Package-A</b> for existing Phase-I and Phase-II BharatNet Network as is where is basis.: 1416 Cr	<p>1) For Mobilization advance, it is requested to accept Insurance Surety Bond in addition to Bank Guarantee.</p> <p>2) Request to provide format for Insurance Surety Bond for Mobilization advance.</p> <p>3) For project performance, we shall be depositing PBG valid for the contract period. So, ABG must be released once the advance payment is adjusted from the bills of the PIA.</p> <p>4) Please provide the schedule of adjustment of advance form the bills of the PIA.</p>	Please refer Annexure -Format-XII(ISB) and 9.15(XV)

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
604	SECTION-8 FINANCIAL BID	(10) Page 226	Notional Capex of <b>Package-B</b> for existing Phase-I and Phase-II BharatNet Network as is where is basis.: 1415 Cr	<p>1) For Mobilization advance, it is requested to accept Insurance Surety Bond in addition to Bank Guarantee.</p> <p>2) Request to provide format for Insurance Surety Bond for Mobilization advance.</p> <p>3) For project performance, we shall be depositing PBG valid for the contract period. So, ABG must be released once the advance payment is adjusted from the bills of the PIA.</p> <p>4) Please provide the schedule of adjustment of advance form the bills of the PIA.</p>	Query answered above
605	SECTION-7	7.4, Page 203	Penalty for cutting/damaging the old cable	<p>While starting the work we will inform the RoW authorities/utility/telecom provider to provide the information of underground utilities. However, in most of the cases such information is not available with authority/not provided by authority. Hence such incident may take place being unavoidable due to non-availability of information hence we request that this penalty should not be applicable if we rectify the cable immediately on occurrence of the incident. Please clarify.</p>	As per the clause 7.6 if the restoration of work done within 72 hours on 20% of the penalty shall be levied.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
606	SECTION N-7	Note-1, Page 210	TT module clarification	Please provide the integration, compatibility and accessibility of TT module with C-NOC & S-NOC.	It will be provided to successful bidder
607	SECTION N-7	Note-2, Page 210	(Note-2): SLAs to be calculated Block wise and penalties to be imposed on monthly basis on O&M charges of the block network	Since the payment for O&M is being done on quarterly basis, so penalty should be applicable on quarterly basis. Please confirm.	For better governance of the project and network SLA, Monthly basis SLA will be monitored and considered for penalty calculation. However, Payment are to be done on quarterly basis based on Quarterly submission of valid invoice by the PIA.
608	SECTION N-7	7.9.11, Page 217	Mean Time To Repair (MTTR)	We understand that the MTTR values given is excluding the travel time. Kindly confirm In remote areas flood affected areas, non-accessible areas, all other routes where night travelling is not feasible and all aerial routes disturbed due to falling/theft of poles/cables exclusion should be provided for travel and fault identification time.	Since MTTR is part of technical qualification, GFGNL is heavily counting on the same for better governance. To get technology aid to meet this MTTR, GFGNL is inviting cutting edge tools of GIS and NMS in another RFP of NOC. However, Please refer clause of Section 7.9.1 in Note (iv) for exclusion.
609	SECTION N-9 ANNEXURES & FORMATS	-	Format of Consortium Power of Attorney	The format of power of attorney to be provided by consortium member to lead bidder is not provided.  Please provide the format for the same.	Thanks for highlighting, Refer the Corrigendum for more clarifications.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
610	SECTION-9 ANNEXURES & FORMATS	9.7 Format VII(Not Banned/Blacklisted/Debarred) Page 240	Format VII (Not Banned/Blacklisted/Debarred) Declaration Letter Physical submission on Company's letter head. FORMAT OF UNDERTAKING for Non-Blacklisting of the Bidder (whole revised format as per Amendment No. 7) (to be provided on Non – judicial stamp paper of INR 100/- or such equivalent amount and duly attested by notary public)	Please confirm if undertaking for Non-Blacklisting is to be typed on Non – judicial stamp paper or on Company's letterhead as there is a contradiction mentioned on page no. 240 of Tender document.	It should be provided on Non – judicial stamp paper of INR 100/- or such equivalent amount and duly attested by notary public
611	SECTION-9 ANNEXURES & FORMATS	9.18 Format-XVII Annexure II Declaration Proforma-2 UNDERTAKING & DECLARATION Page 264	5. That the conditions of field trial for the Class I/ Class II local suppliers of routers shall be applicable.	Please confirm the stage at which field trial or PoC for the Class I/ Class II local suppliers of routers is envisaged	The fiberization design expertise and quality of active components for proper flow in the network are core essential expectation. This will be assessed at all levels of bid cycle. However, the formal POC as stipulated in the RFP. Pls refer RFP . The Governance mechanism would be centered around make in India objective and applicable policies.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
612	SECTION N-9 ANNEX URES & FORMATS	9.18 Format-XVII Annexure II Declaration Proforma-2 UNDERTAKING & DECLARATION Page 264	5. That the conditions of field trial for the Class I/ Class II local suppliers of routers shall be applicable.	In case field trial or PoC for the Class I/ Class II local suppliers of routers is envisaged, please confirm that for a given Make & Model there will be only ONE field trail for Package A & Package B	Pls see preceding response
613	SECTION N-9 ANNEX URES & FORMATS	9.19 Format-XVIII- Check list Page 267	Price Bid in BoQ as per CPP Portal	BOQ is not given in the tender document. Please provide BOQ on CPP portal.	Refer the query answered in Question:445
614	SECTION N-9 ANNEX URES & FORMATS	9.21 Format-XX Page 269	Undertaking w.r.t. Local content declaration in view of allowing multiple OEMs	Please confirm that quoting 4 (multiple) OEMS each for Passive & Active Components mentioned against "MAF" on page 38 of tender are permitted. Otherwise this declaration has no significance.	Refer Corrigendum for better clarification including Pre-qualification Criteria
615	SECTION N-9 ANNEX URES & FORMATS	9.24 Format-XXIII: Joint Bidding Agreement Page 272	-	As per the joint bidding format THREE parties can form a consortium whereas only a TWO member consortium ( Lead Bidder+1) is permitted. Please amend the Joint Bidding Agreement accordingly	Refer the revised RFP clause in updated corrigendum

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
616	SECTION-10 SPECIAL TECHNICAL CONDITIONS	Annexure A / Sr. 7/Battery page no. 281	TEC GR Standard No.: TEC 67030:2016 with latest amendments if any a. Lithium Ion Battery of 2400 VAH to be used.	We believe that the TSEC of Lithium-Ion batteries, as per TEC GR No. 67030:2024, is valid. Additionally, a battery capacity of 48V/50AH (2400Ah) is also acceptable. A similar solution has already been accepted in the BSNL BharatNet Phase-III project. Referring to this solution eliminates the need for OEMs to obtain multiple TSECs for Li-ion batteries. Kindly confirm	Please see revision
617	SECTION-10 SPECIAL TECHNICAL CONDITIONS	Annexure A / Sr. 25/UPS page 282	TEC GR Standard No.: TEC 66140:2019 with latest amendments, if any	We suggest to refer the HUPS TEC GR No. TEC 66160:2024 for this Tender with Inverter Rating 500VA. Referring to this solution eliminates the need for OEMs to obtain multiple TSECs for Li-ion batteries. Kindly confirm	Please see revision
618	SECTION-10 SPECIAL TECHNICAL CONDITIONS	Annexure B page 300	X. Minimum Technical specifications for Uninterrupted Power Supply (UPS) System at GP	We suggest to refer the HUPS TEC GR No. TEC 66160:2024 for this Tender with Inverter Rating 500VA. Referring to this solution eliminates the need for OEMs to obtain multiple TSECs for Li-ion batteries. Kindly confirm	Please see revision



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
619	SECTION N-10  SPECIAL TECHNICAL CONDITIONS	Annexure B page 304	XIII. Rack at GP Locations	We suggest to refer technical specification of Rack at GP as defined in BSNL BharatNet Phase-III project. Common this solution eliminates the need for OEMs to obtain multiple TSEC of the product Kindly confirm	Refer the corrigendum for technical specifications details
620	Annexure A: TECHNICAL SPECIFICATIONS, S.No. 26 Radio Mode m in ISM band for	27. EMS for UBR	TEC GR Standard No.: TEC 52006:2016, with latest amendments, if any	Request to amend the clause to change or allow standard " <b>EMS-TEC-SD-IT-EMT-001/01/MAR-16</b> ". The same standard was asked in 5.x UBR tender.	Please see preceding response also. Please refer latest applicable TEC GR Standard No.: TEC 38050:2023
621	Annexure B	4-IV-1 Page 286	Compliance - TEC/GR 48050:2024 Standard with latest amendments if any or	As per amended BharatNet Tender, the GP & Block Routers should comply to TEC GR 48050:2024 Category XV. All routers being in Aggregation category, we understand same is applicable here as well.	Please see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
622	Annexure B	4-IV-4 Page 287	For Switching capacity >=300Gbps - 3 ports of 100G (Pluggable will be in scope of bidder as per solution design),	For a router with 300Gbps backplane, 3 ports of 100G will consume full capacity on uplink with no bandwidth for downlink ports. We request you to modify the clause to " <b>2 ports of 100G</b> (Pluggable will be in scope of bidder as per solution design)" instead of 3 ports of 100G.	Please see revision
623	Annexure B	4-IV-9 Page 288	Space requirement for Block Router -2RU (Rack Unit)	We understand that this is the Maximum space requirement for Block Router. Bidder can propose 1RU router also. Kindly modify the clause to " <b>Maximum 2RU (Rack Unit)</b> "	Preferably 1U
624	Annexure B	4-V-11 Page 294	System Requirements - Server Specs: Minimum: 4-core CPU, 16 GB RAM, 500 GB SSD. Recommended: 8-core CPU, 32 GB RAM, 1 TB SSD	Pls remove either Minimum requirement or Recommended specs, and keep only one spec as minimum benchmark.	The IT and Non IT infrastructure for hosting EMS is the responsibility of GFGNL. The compute (VM) and storage of S-NOC will be provided by the GFGNL. The EMS and associated software including OS, RDBMS and other licenses in the name of GFGNL are in the scope of bidder without any additional cost to GFGNL.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
625	Annexure B	4-IX Page 298	Wavelength Supported:- 1650 nm, 1550 nm, 1310 nm	As per the latest amendment in the TEC GR of Remote Fibre Test and Monitoring System (GR No. TEC/GR/TX/RFM-001/02/MAR-15) d) Clause No. 4.1.4.3 shall be read as below: <i>Dark fibre monitoring wavelength shall be 1550nm or 1625nm or 1650nm as the requirement or design for the network is to be monitored.</i> Please specify whether we should refer the latest amendment mentioned above for this tender.	Please see in preceding responses
626	Annexure B	4-IX Page 298	Power input:- Dual DC/AC (As per site availability)	It has been mentioned that equipment should have dual DC/AC power input capability. Kindly confirm no of sites having the DC power supply of -48V DC and which one will have 240V AC so that we can provide same in our system.	Please see in preceding responses

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
627	Annexure B	4-IX Page 298	GFGNL's GIS server for the entire fiber network is in-service. The RFTS system shall be linked with GIS system. All faults should be displayed on the screen of GIS. RFTS system should be able to take the GIS coordinate provided by third party GIS and incorporate in the email alert and SMS alert. The RFTS EMS vendor shall help the GIS vendor to get the RFTS EMS system integrated with the GIS system via REST API or SNMP.	<p>As per our understanding, the current workflow for the existing RFMS deployed in the GFGNL network involves forwarding the optical fault location to the NMS (Network Management System). The NMS then forwards the data to the GIS (Geographical Information System), which returns the coordinates of the optical fault to the NMS for email alerts.</p> <p>We would like to have clarification whether we should continue to follow the existing workflow or if we need to integrate a new workflow as per the requirements outlined in the RFP. Clarity on this will help us to ensure our approach for this tender.</p>	Please see in preceding responses
628	Annexure B	4-IX Page 298	Integrated cable Management System for Inside and outside plant. Optical Inventory Module for logical and Physical network for port-to-port connectivity, Route search and service provisioning.	<p>We understand that this clause belongs to GIS vendor/OEM, as it is not a part of RFMS functionality. Therefore we request to remove this clause from RFMS/RFTS section.</p> <p>Even in the BBNL tender, Tender No. MM/BNO&amp;M/BN-III/T-791/2024 issued on 15.02.2024 it was removed via amendment No. BSNLCO-MMT/14(11)/3/2024-MMT Dated: 08/05/2024</p>	Please see in preceding responses

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
629	Annexure B	4-IX Page 299	Integrated cable Management System for Inside and outside plant. Optical Inventory Module for logical and Physical network for port-to-port connectivity, Route search and service provisioning.	We understand that this clause belongs to GIS vendor/OEM, as it is not a part of RFMS functionality. Therefore we request to remove this clause from RFMS/RFTS section. Even in the BBNL tender, Tender No. MM/BNO&M/BN-III/T-791/2024 issued on 15.02.2024 it was removed via amendment No. BSNLCO-MMT/14(11)/3/2024-MMT Dated: 08/05/2024	Please see in preceding responses
630	Section-10	Annx-E-2.1,Page 430-431	Video and photograph accuracy <20cm	Conflict with section-5 clause 5.8.1 as the accuracy is not define for videography.	Refer clause in "Mobile app for data collection from field" and same in mentioned below for reference. "GIS coordinates are to be captured with the accuracy of <20cm. Videography and photography are to be done at the interval asked in RFP."
631	VIII. Technical Specifications for LAN Switch	Heading	TEC GR Standard No.: TEC 48060:2023, with latest amendments if any or NDPP certified	AS per Latest DPIT Guideline, certification against TEC GR is not mandatory only Compliance to be provided however TEC GR certification is required we request you kindly allow Form B at the time of bid submission.	Please see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
632	VIII. Technical Specifications for LAN Switch	2. No. of Ports	<p>For 24 Port Switch: 24 ports of 10/100/1000 BaseT (out of 24 ports, 4 ports should be PoE supported with PoE power support of minimum 80W) and 2 Uplink ports of 1GE (10/100/1000Mbps) with RJ45 without SFP and with sperate optical SFP</p> <p>For 8 Port Switch : 8 PoE ports of 10/100/1000 BaseT with PoE power support of minimum 60W</p>	<p>Asked PoE Budget is not as per PoE standard we request you to amend the PoE budget to 370 W in 24 port switch where all the Port should have minimum 802.3af Standard power budget and 8 Port PoE Budget to 124 W.</p>	Please see revision
633	XI. Unlicensed Band Radio (UBR)	Ports	<p>2 x 100/1000BaseT Ethernet electrical port or 1 GE SFP optical ports (1310nm, all with auto-negotiation, 5 Km range SFPs) shall be provided for FO.</p>	<p>UBR is a Layer-2 Bridge device and there is no use of two interfaces on the device.</p> <p><b>So request to amend clause as:</b> 1 x 100/1000BaseT Ethernet electrical port or 1 GE SFP optical ports (1310nm, all with auto-negotiation, 5 Km range SFPs) shall be provided for FO.</p> <p>Or alternatively please allow asked two ports on POE adapter. (BSNL Tender for 5.x UBR with corrigendum asked same specification as recommended in by us in amended clause)</p>	Please see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
634	XI. Unlicensed Band Radio (UBR)	Compliance	Conforms to TEC specifications TEC/GR/R/ISM-MOD-001/04 (March 2016)	As per <b>Annexure A: TECHNICAL SPECIFICATIONS, S.No. 26 Radio Modem in ISM band for UBR, Page - 282</b> , TEC GR Standard No.: TEC 38050:2023, with latest amendment is asked. However in Unlicensed Band Radio spec, Old GR No. is mentioned. <b>So request to amend</b> to latest TEC GR "TEC 38050:2023"	Please see preceding response
635	XI. Unlicensed Band Radio (UBR)	Upgrade and Maintenance	Software/hardware upgrades without service disruption	As reboot is required after software upgrade, for new software to become active in the software bank, so this process requires downtime.  <b>Request to amend clause as:</b> New firmware download in radio should not affect traffic except the reboot time". <i>(BSNL Tender for 5.x UBR with corrigendum asked same specification as recommended in by us in amended clause)</i>	Yes, New firmware download in radio should not affect traffic except the reboot time

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
636	XI. Unlicensed Band Radio (UBR)	EMS System	Internal and external alarms	<p>Please clarify on external alarms that need to be sent to EMS system. As per our understanding internal alarms means alarms related to device parameters but need clarity on external alarm parameters.</p> <p><b>Request to amend clause as:</b> The supplied UBR equipment shall extend all requisite alarm including high temperature to the EMS. <i>(BSNL Tender for 5.x UBR with corrigendum asked same specification as recommended in by us in amended clause)</i></p>	Please see revision
637	General Query	-	Payment of the O&M payments to PIA	<p>This is a large project &amp; cash flow is crucial. Hence, payment terms of O&amp;M should be paid as follows:</p> <ol style="list-style-type: none"> <li>1. 90% payment should be made immediately on submission of bill.</li> <li>2. 10% payment may be made after due audit/clarification subject to within 30 days.</li> </ol> <p>Please confirm.</p>	As per RFP
638	General Query	-	-	<p>In case of delay in SNOC implementation due to the reasons not attributable to PIA, payment for all the GP's where the physical work including installation and commissioning along with provisional acceptance by IE, O&amp;M charges should be made to PIA. Please clarify</p>	SNOC is the responsibility of GFGNL and it will be fulfilled on time. The PIA should not perceive any risk on account of GFGNL responsibility.



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
639	General Query	-	-	While conversion of network from linear to the ring, some of existing routes/sections will not be part of the ring. Since these are not part of the network it can not be monitored. Request clarification for the O&M of such sections.	The bid is on EPC model for blending, creativity of private sectors in fiberization, and cost optimization, measurable scientific outcome for simplified payments against numeric level deliverables which are clearly defined in the RFP for faster roll-out linked with timely payment for ease of doing business and high network uptime.
640	General Query	-	-	Please mention the time period prior to the likely completion of the construction to notify the IE and BSNL of its intent to subject the infrastructure to tests.	It is bidder's responsibility to share daily progress report and intimate to GFGNL or its appointed agency / IE with advance intimation at least before 7 days in order to manage travel and inspection/testing on time.
641	6.2 PAYMENT SCHEDULE OF PROJECT	6.2 PAYMENT SCHEDULE OF PROJECT Page 188	-	We understand we need to supply the application software like NMS/OSS and these will be the part of SNOC, So we requeste you to keep the payment terms for SNOC Related supply items as per BBNL payment terms. We request that you release the 90 % payment of the supplied software against the Installation and remaining post 10% on the visivility of one Sub blok in the SNOC.	SNOC is the responsibility of GFGNL and it will be fulfilled on time. The PIA should not perceive any risk on account of GFGNL responsibility.
642	Fact sheet	14	Address at which bids are to be submitted Proposal shall be uploaded online in the format and mode as provided for in the Portal <a href="https://tender.nprocure.com/">https://tender.nprocure.com/</a> for this RFP in the system and shall be digitally signed by the authorized signatory of the Bidder.	Please elaborate the term 'digitally signed'  As per our understanding the bid should be signed and stamped by authorized signatory (either manually or digitally) and submitted to e-tender portal through valid DSC (Digital	Understanding is correct

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
				Signature Certificate). Please confirm.	
643	Fact sheet	18	Method of Selection (Define): QCBS (50:50) H1 Based selection	<p>We suggest to make "L1 + 60% cut-off" technical marks scoring for the financial evaluation.</p> <p>Since this is a solution based tender with no BoQ, the selected Bidder has to derive the BoQ and carry out the work absolutely in accordance with given specification and quality standards for each item, that appears to be no reason / necessity to adopt the procedure of QCBS for the selection of bidder. Therefore, we humbly request Govt of Gujarat / GFGNL to please change method of selection of bidder on L1 basis instead of QCBS. There are / were similar and even much bigger 'mission critical projects' with Indian Defence, Indian Aviation, Indian Ports, Indian Railway, Ministry of External Affairs, BSNL BharatNet Phase – III etc.. where</p>	Please see revised RFP Clause

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
				the criteria of bid evaluation is always L1 basis.	
644	Fact sheet	12	As per this Clause Bid Security/EMD asked is Rs. 10 Crore per package. However, in the main clause of Bid Security/EMD i.e. 4.7 at page no. 53 of RFP it only mentioned "EMD of Rs. 10 Cr/- (Ten Crores rupees only)".	Request you to please clarify whether EMD of Rs. 10 Crore is per package or it is for two packages and if it is for two packages then how much will be for one package.	Please see revised RFP Clause

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
645	Fact sheet	v(10)	<p>Last date for submission of Bid/proposal (Physical copy excluding financial bid only if asked based on nature of RFP)</p> <p>Within 4 working days from the Date of submission of online bid dates in working hours (till 06:10pm) in event of particular ask of submitting physical copy then logical portion of the bid should be appropriate in the respective sealed cover for maintaining confidentiality.</p>	<p>Authority &amp; Address at which bids are to be submitted not provided for submission of Physical of Bid.</p> <p>We understand it is to be submitted at following address -</p> <p>Gujarat Fibre Grid Network Limited Block No: 6, 5th Floor, Udyog Bhavan, Sector-11, Gandhinagar 382010</p> <p>Please confirm</p>	<p>Chief Finance Officer (CFO), Gujarat Fibre Grid Network Limited Block No: 6, 5th Floor, Udyog Bhavan, Sector-11, Gandhinagar 382010</p>

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
646	3	3.1(2.1)	<p><b><u>Company Turnover:</u></b></p> <p><b>2.1</b> The Sole Bidder should have an average annual turnover of at least following values in last three (3) audited financial years ( FY 2021-22, FY 2022-23, and FY 2023-24 ) solely generated from the business of OFC Business/ ITeS / Telecom Networking field only,</p> <ul style="list-style-type: none"> <li>• Rs 1250 Crores for Package A</li> <li>• Rs 1250 Crores for Package B</li> </ul> <p><b>In Case Of Consortium:</b> Lead bidder(in case of consortium) should have average annual turnover as per following in last three audited financial years ( FY 2021-22, FY 2022-23, and FY 2023-24 ) solely generated from the business of OFC deployment/ Telecom Networking / ITeS field only Only one consortium partner is allowed.</p>	<p>For better clarity, the clause should be modified as follows-</p> <p><b>2.1</b> The Sole Bidder should have an average annual turnover of at least following values in last three (3) audited financial years ( FY 2021-22, FY 2022-23, and FY 2023-24 ) solely generated from the business of <del>OFC Business</del> OFC deployment/ EPC/ITeS / Telecom <del>Networking</del> field only,</p> <ul style="list-style-type: none"> <li>• Rs 1250 Crores for Package A</li> <li>• Rs 1250 Crores for Package B</li> </ul> <p><b>In Case Of Consortium:</b> Lead bidder (in case of consortium) and its consortium partner should have average annual turnover as per following table in last three audited financial years ( FY 2021-22, FY 2022-23, and FY 2023-24 ) solely generated from the business of OFC deployment/EPC/ Telecom <del>Networking</del> / ITeS field only Only one consortium partner is allowed.</p>	Refer Corrigendum with Revised eligibility criteria

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
647	3	3.1(2.1)	c) Self Certification to be signed by Company Secretary/ Statutory Auditor on company's letter head mentioning the required shareholding."	To the best of our understanding there is no any specific requirement for shareholding. However, if required latest shareholding pattern of the bidder can be submitted. Please confirm.	The Sole or Lead Bidder (in case of consortium) should be registered under the Companies Act 1956/2013 in India or a Limited Liability Partnership Firm under Limited Liability Partnership Firm Act 2008 at the time of the bidding.
648	3	Note 1	In case the sole bidder or a Lead bidder (in case of Consortium) desires to bid for both of the packages then the bidder must have average annual turnover criteria (sum of 100% of highest and 25% of other package above financial value) i.e., for the last three audited financial years ( FY 2021-22, FY 2022-23, and FY 2023-24 )	These two clauses are contradicting. One clause says one sole or lead bidder can bid only for one package whereas other clause is allowing bidder to bid for both the packages.  As per our understanding, a bidder meeting the qualification criteria for both the packages can bid for both the packages either individually or in consortium. Please confirm if our understanding is correct and amend the tender clauses accordingly.	Pls see revised clause for PQ criteria

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
649	3	Note 2	One sole or lead bidder can bid for only one package	<p>These two clauses are contradicting. One clause says one sole or lead bidder can bid only for one package whereas other clause is allowing bidder to bid for both the packages.</p> <p>As per our understanding, a bidder meeting the qualification criteria for both the packages can bid for both the packages either individually or in consortium. Please confirm if our understanding is correct and amend the tender clauses accordingly.</p>	Pls see revised clause for PQ criteria
650	3	Note 4	The lead bidder of one package is allowed to participate in only one package. However, Participation as a consortium member being a project experience partner in another package with other lead partner is allowed.	<p>These two clauses are contradicting. One clause says one sole or lead bidder can bid only for one package whereas other clause is allowing bidder to bid for both the packages.</p> <p>As per our understanding, a bidder meeting the qualification criteria for both the packages can bid for both the packages either individually or in consortium. Please confirm if our understanding is correct and amend the tender clauses accordingly.</p>	Pls see revised clause for PQ criteria

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
651	3	3.1	<p><b>1. Legal Entity:</b> 1.2 The Sole or Lead Bidder (in case of consortium) should be registered under the Companies Act 1956/2013 in India or a Limited Liability Partnership Firm under Limited Liability Partnership Firm Act 2008 at the time of the bidding.</p>	<p>We request you to revise the clause as follows:</p> <p>1. Legal Entity: 1.2 The Sole or all consortium members (in case of consortium) should be registered under the Companies Act 1956/2013 in India or a Limited Liability Partnership Firm under Limited Liability Partnership Firm Act 2008 at the time of the bidding.</p>	<p>Refer corrigendum with Revised Eligibility Criteria Section</p>



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
652	3	3.1	<p>2.1 The Sole Bidder should have an average annual turnover of at least following values in last three (3) audited financial years ( FY 2021- 22, FY 2022-23, and FY 2023-24 ) solely generated from the business of OFC Business/ ITeS / Telecom Networking field only,</p> <ul style="list-style-type: none"> <li>• Rs 1250 Crores for Package A</li> <li>• Rs 1250 Crores for Package B</li> </ul> <p><b>In Case Of Consortium:</b> Lead bidder(in case of consortium) should have average annual turnover as per following in last three audited financial years ( FY 2021- 22, FY 2022-23, and FY 2023-24 ) solely generated from the business of OFC deployment/ Telecom Networking / ITeS field only Only one consortium partner is allowed.</p>	<p>In case of consortium, the RFP ask the average turnover criteria for the lead bidder only. However, the table mentions the turnover of lead bidder and the consortium partner for Package A, Package B and both the packages.</p> <p>The clause is not clear whether the consortium partner has to comply with the turnover requirements or not.</p> <p>Kindly elaborate and clarify.</p>	Refer corrigendum with Revised Eligibility Criteria Section

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
653	3	3.1	Note: 1. In case the sole bidder or a Lead bidder (in case of Consortium) desires to bid for both of the packages then the bidder must have average annual turnover criteria (sum of 100% of highest and 25% of other package above financial value) i.e., for the last three audited financial years ( FY 2021-22, FY 2022-23, and FY 2023-24 )	The sole or a lead bidder is allowed to bid for both the packages and the turnover compliance requirement is (sum of turnover requirement of 100% of highest value package + 25% of other package). Considering this, the average turnover requirement for a sole or lead bidder is as follows:  100% of 1250 Cr + 25% of 1250 Cr = 1562 Cr.  Please confirm	Correct. Refer corrigendum with Revised Eligibility Criteria Section.
654	3	3.1	Note: 3. Turnover considered would be a consolidated turnover of the company i.e. A parent Company can use the turnover of its subsidiaries (75% and above holding) but a child company cannot use parent company's turnover. However, both the company should have same domain experience.	Q1) In case, a parent company uses the turnover of its subsidiaries (75% and above holding), we understand that the average turnover of the subsidiaries shall be solely generated from the business of OFC deployment/ Telecom Networking / ITeS field only.  Please confirm.  Q2) In such a scenario, kindly confirm if the bidder is expected to submit a CA / statutory / any other certification that provide details of the turnover of subsidiaries.	Refer corrigendum with Revised Eligibility Criteria Section

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
655	3	3.1	<p>Note: 4. The lead bidder of one package is allowed to participate in only one package. However, Participation as a consortium member being a project experience partner in another package with other lead partner is allowed.</p>	<p>On one hand, Eligibility criteria mentions many clauses stating the eligibility requirement of a bidder to participate in both the packages, however, on the other hand it mentions that the lead bidder is allowed to participate in only one package.</p> <p>We request you to review and make the necessary correction to all related clauses in the entire tender document.</p>	<p>Refer corrigendum with Revised Eligibility Criteria Section</p>

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
656	3	3.1(4)(i)	<p><b>Documentary Proof:</b></p> <p>The Sole or lead bidder in case of Consortium 3.1) Validated Data from Government sources (reports, portal log Etc.)</p> <ul style="list-style-type: none"> <li>• The details of ISP nodes or points of presence with their locations.</li> </ul> <p>Need to submit WO Copy /LOI/LOA/Contract agreement</p> <p><b>For completed projects</b> (WO copy / LOI / LOA contract copy &amp; client completion Certificate), work completion certificate from end client mentioning satisfactory performance &amp; total Km of Fibre with other inventories/Equipment mentioned implemented (satisfactory performance &amp; functionalities implemented may be mentioned separately as a performance certificate from the client)</p> <p><b>For ongoing projects</b> (WO copy / LOI / LOA contract copy), Performance certificate from end client mentioning satisfactory performance &amp; total Km of Fibre with other inventories/Equipment mentioned</p>	<p>We would like to draw your attention to following clause-</p> <p>The Sole or lead bidder in case of Consortium 3.1) Validated Data from Government sources (reports, portal log Etc.)</p> <ul style="list-style-type: none"> <li>• The details of ISP nodes or points of presence with their locations.</li> </ul> <p>The above documentary proof asked is not clear to us. It seems some typing mistakes are there and these documents are not required to be submitted in the Bid. Please confirm.</p>	Refer corrigendum with Revised Eligibility Criteria Section

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
			implemented by the Sole/lead Bidder(in case of consortium)		

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
657	3	3.1(4)(i)	<p><b>Documentary Proof:</b></p> <p>The Sole or lead bidder in case of Consortium 3.1) Validated Data from Government sources (reports, portal log Etc.)</p> <ul style="list-style-type: none"> <li>• The details of ISP nodes or points of presence with their locations.</li> </ul> <p>Need to submit WO Copy /LOI/LOA/Contract agreement</p> <p><b>For completed projects</b> (WO copy / LOI / LOA contract copy &amp; client completion Certificate), work completion certificate from end client mentioning satisfactory performance &amp; total Km of Fibre with other inventories/Equipment mentioned implemented (satisfactory performance &amp; functionalities implemented may be mentioned separately as a performance certificate from the client)</p> <p><b>For ongoing projects</b> (WO copy / LOI / LOA contract copy), Performance certificate from end client mentioning satisfactory performance &amp; total Km of Fibre with other inventories/Equipment mentioned</p>	<p>Minimum experience requirement under clause 3.1(4)(i), does not ask about satisfactory performance of the project but as a documentary proof of the same experience requirement, bidder is asked to submit performance certificate from end client.</p> <p>Request you to please elaborate the requirement or make the necessary amendment.</p>	No Change as per RFP

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
			implemented by the Sole/lead Bidder(in case of consortium)		

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
658	3	3.1(4)(i)	<p>ii) For Equipment's : Experience of Telecommunication equipment installation, commissioning and O&amp;M of at least-</p> <ul style="list-style-type: none"> <li>• <b>1,000 active nodes, if bidding for 1 package,</b></li> <li>• <b>2,200 active nodes, if bidding for 2 packages,</b></li> </ul> <p>The active nodes to be considered for this criterion can be include atleast, MPLS Routers, RFMS, Layer-3 Switches, Transport equipment(DWDM/PTN(packet and transmission equipments)/OTN/RON/CPANs/OLT of 16 or more ports .</p> <p><b>For completed projects</b></p> <ul style="list-style-type: none"> <li>• If WO date is older than 10 Years from bid released date(excluding bid released date), then work completion certificate must not be older than 9 years from bid released date.</li> <li>• If WO date &amp; Work completion date falls within 10 Years years from bid released date(excluding bid released date), it is ok.</li> </ul> <p><b>For ongoing projects</b></p> <ul style="list-style-type: none"> <li>• WO date must be earlier than one (1) year from bid released date(excluding bid released date).</li> </ul>	<p>Here the requirement asked is for Supply, Installation, Commissioning and <b>O&amp;M</b> also. But no documentary proof is asked in evidence of O&amp;M.</p> <p>Request you to please elaborate the requirement or make the necessary amendment.</p>	<p>Refer corrigendum with Revised Eligibility Criteria Section</p>



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
659	3	3.1	<p>Note 3 : Regarding the experience certificate issued to IP-1 Service Provider, the concerned TSP or ISP has to certify that the TSP/ ISP has taken fibres on lease from the said IP-1 out of the network constructed using 24 or more fibre Under Ground OFC or ADSS/ OPGW/ Aerial OFC, as the case may be, which should be constructed and owned by the concerned IP-1 Service Provider for at least one completed year. TSP/ ISP shall also certify the Route KM of OFC with route wise details for which leasing has been done. The information may be submitted in the format mentioned.</p>	<p>The clause explains about the experience certificate issued to the IP-1 service providers. We understand that this IP-1 service provide can only provide its experience certificate as a bidder. IP-1 providers are registered with DoT to lay and manage OFC network. In such case, it would be a conflict of interest to allow the IP-1 service provider as bidders.</p> <p>Amended Bharatnet tender floated by BSNL mentions the following in the Eligibility Criteria:- (f) An ISP/TSP license holder for an LSA shall be ineligible to participate in the package comprising of that LSA.</p> <p>Hence, we request GFGNL to review this and we suggest to restrict ISP / TSP / IP-1 entities holding license for Gujarat LSA to participate in the tender. We also suggest GFGNL to restrict the parent companies or its subsidiaries holding such license to participate in the tender</p>	<p>It is a restrictive condition which is based on premises of elimination.</p> <p>The first and foremost purpose of this RFP is to lay fibre network and activate the same wherein the companies having similar nature of business has added advantage of fibrization principles, flow of traffic, consumerization, understanding of network uptime, service availability, and lastly better enterprise grade experience. Continuing objectivity of the wider participation, even we have extended the eligibility by allowing OSP(Out side plant) experiences. We have governance mechanism to deal with conflict of interest.</p>

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
660	3	3.1	<p>Note 1: The Sole bidder or members of the Consortium should meet the Technical Capability requirements either on their own or jointly for the works awarded directly by the TSPs, Category-A ISPs, IP-1, Central Government, State Government, Municipal Corporations for Smart City Projects, BharatNet SPVs, PSUs for their own network and not sub-contracted works.</p> <p><b>However, for installation and commissioning of active nodes, the experience certificate issued by the OEMs for the works awarded by the TSPs to the OEMs shall also be considered.</b> The above experience conditions can be met either through single project or multiple projects executed during last 10 Years years as on date of submission of bid. It is also clarified that the work experience issued by TSPs to the executing agencies for the USOF/DOT awarded projects shall also be accepted.</p>	<p>We understand that in case of the experience certificate issued by the OEMs for the works awarded by the TSPs to the OEMs, documentary proof such as WO/Certificate issued by TSP to OEM also need to be submitted by the Bidder.</p> <p>Please confirm.</p>	Refer corrigendum with Revised Eligibility Criteria Section

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
661	3	3.1	Note:4 For installation and commissioning of active nodes, the experience certificate issued by the OEMs for the works awarded by the TSPs to the OEMs shall also be considered.	<p>We understand that in case of the experience certificate issued by the OEMs for the works awarded by the TSPs to the OEMs, documentary proof such as WO/Certificate issued by TSP to OEM also need to be submitted by the Bidder.</p> <p>Please confirm.</p>	Refer corrigendum with Revised Eligibility Criteria Section

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
662	3	3.1	<p>6.1 The Sole Bidder or lead Bidder (in case of consortium) should submit valid letter from each of the OEM (one and only one OEM for each component) - confirming the following: OEM shall ensure that all equipment/components/sub-components being supplied by them shall be supported for entire contract period. If the same is de-supported by the OEM for any reason whatsoever, The bidder shall replace it with an equivalent or better substitute that is acceptable to Tenderer without any additional cost to the Tenderer and without impacting the performance of the solution in any manner whatsoever. In case replacement with a product from an OEM other than the OEMs proposed by the bidder prior approval from GFGNL will be required.</p>	<p>Proposing single OEM for each component may have the following implications:</p> <ol style="list-style-type: none"> <li>1. Allowing only one OEM may shift the bargaining power to the OEM due to which the project cost shall increase.</li> <li>2. Considering the volume of work, a single OEM may not be able to manufacture and supply the components to complete the project within the defined timelines.</li> <li>3. The bidder is mandated to manage the supplied equipments for the entire contract period. In a scenario where OEM discontinues the product for certain reasons, the bidder is mandated to replace it with equivalent or better substitute without additional cost to GFGNL and without impacting the performance of the solution. The bidder may have to bare the entire cost of replacement which puts an additional financial risks. Proposing products with multiple OEMs may reduce such financial risks.</li> <li>4. The Amended BharatNet phase-III allowed the bidder to propose multiple OEMs for each</li> </ol>	<p>Duplicate with Query, Kindly refer the answer in Query (155)</p>

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
				<p>component.</p> <p>Hence, we request GFGNL to allow the bidder to propose multiple OEMs for each component.</p>	

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
663	3	3.1(6.1)	<p><b>MAF</b> The Sole Bidder or lead Bidder (in case of consortium) should submit valid letter from each of the OEM (one and only one OEM for each component) - confirming the following: OEM shall ensure that all equipment/components/sub-components being supplied by them shall be supported for entire contract period. If the same is de-supported by the OEM for any reason whatsoever, The bidder shall replace it with an equivalent or better substitute that is acceptable to Tenderer without any additional cost to the Tenderer and without impacting the performance of the solution in any manner whatsoever. In case replacement with a product from an OEM other than the OEMs proposed by the bidder prior approval from GFGNL will be required.</p> <p><b>Note:</b> i) If product is changed due to specific functional/technical requirement asked in this tender, then fresh TSEC certificate is required to be obtained and submitted at the time of delivery. ii) If the OEM has TSEC approval for the exactly same product which has been asked in this</p>	<p>There is some contradiction in the clause and it is not clear whether bidder to quote only one OEM for each component or allowed to quote multiple OEMs.</p> <p>Under minimum requirement - One of the para says that Bidder is allowed to quote -one and only one OEM for each component. whereas Under documentary proof asked for the same clause states that - In order to meet the delivery timelines, the successful bidder can procure and supply the material from one or more quoted OEMs in any combination.</p> <p>As the project is prestigious and huge in nature, we recommend bidder should be allowed to quote maximum 3 OEM for each component. In the similar Project/Tender issued by BSNL corporate office max. 4 OEMs were allowed for each component.</p> <p>Request you to please review and make necessary changes.</p>	<p>Thanks for highlighting, It was typo. Duplicate with Query, Kindly refer the answer in Query (155) and Revised Clause Annexure</p>

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
			<p>tender, then no fresh TSEC approval is required. But if product is changed due to specific functional requirement asked in this tender, then TSEC approval is required</p> <p>iii) TSEC/TAC are applicable for Hardware (Active and Passive ) only.</p>		

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
664	3	3.1(6.1)	<p><b>Documentary Proof</b></p> <p>Documentary evidence such as Authorization letters, MAF (Annexure XXX) from all OEM/Vendors whose products are being quoted by the Bidder need to be attached in the bid.</p> <p>Copy of valid Technical Specification Evaluation Certificate (TSEC) / Type Approval Certificate or copy of Application for fresh TSEC/TAC as applicable from each OEM whose products are being quoted by the Bidder.</p> <p>The Bidder or the lead member (in case of Consortium) should submit valid Manufacturer Authorization Form (MAF) from maximum one(1) for all passive components (Like, (all types of OF Cables, Duct, Joint Closures (SJC &amp; BJC), FDMS &amp; FTB) and up to maximum one (1) OEMs for all active components (Routers, RFMS, UPS &amp; Racks). TSEC issued against earlier tender(s) of BSNL/BBNL/MTNL/State Government/Central Government/ BharatNet Projects BSNL QA registered QF-103 or Form B issued by TEC for the quoted products shall also be acceptable for eligibility to submit the Bid</p>	<p>Q1) There is no format named as 'Annexure XXX' in the tender document. 'Annexure XXX' in this clause should be replace with 'Format IX(MAF)'. Please confirm.</p> <p>Q2) As the project is prestigious and huge in nature, we recommend bidder should be allowed to quote maximum 3 OEM for each component. In the similar Project/Tender issued by BSNL corporate office max. 4 OEMs were allowed for each component. Please confirm and make necessary changes.</p>	<p>Thanks for highlighting, It was typo. Duplicate with Query, Kindly refer the answer in Query (155) and Revised Clause Annexure</p>



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
			<p>only.</p> <p>In order to meet the delivery timelines, the successful bidder can procure and supply the material from one or more quoted OEMs in any combination.</p>		

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
665	3	Note 1(V)	<p>V. The TSEC obtained by the OEMs of bidders for the various tenders floated by BBNL/BSNL in the last two years shall be acceptable for the items which are part of this RFP provided that the technical specifications remain unchanged. In case of OFC, any change in the source of raw material shall be subject to fresh TSEC process of QA.</p>	<p>Please refer documentary proof requirement against clause 3.1(6.1)/page 37-38 which states that - TSEC issued against earlier tender(s) of BSNL/BBNL/MTNL/State Government/Central Government/ BharatNet Projects BSNL QA registered QF-103 or Form B issued by TEC for the quoted products shall also be acceptable for eligibility to submit the Bid only.</p> <p>Here in Note1(v), it restrict and allowed TSEC obtained for the various tenders floated by BBNL/BSNL <b>in the last two years</b> only.</p> <p>Please confirm which clause to be followed.</p>	<p>Refer corrigendum with Revised Eligibility Criteria Section</p>

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
666	3	Note 1(IX)	<p>For OFC OEM: The Sole Bidder/lead Bidder should submit valid letter from OEMs of OFC (one and only one OEM for each component) - confirming the following:</p> <ol style="list-style-type: none"> <li>1. For OFC items, the support guarantee by OEM shall be for the implementation phase only.</li> <li>2. <b>OEM shall ensure that all components/sub- components being supplied by them shall be supported for the entire implementation period (Capex period)</b></li> <li>3. During O&amp;M phase, PIA will be, subject to adherence to the current specifications for the OFC component in the RFP, allowed to supply OFC components from other OEMs as well.</li> <li>4. <b>It is expected that OEM for all supplied (active and/or passive) product components will not be allowed to be changed post award of the contract.</b></li> </ol>	<p>The heading of this clause is 'Exception in relation to OFC OEM eligibility' but there are few conditions (in Bold) which does not relate to OFC.</p> <p>Please review and make necessary changes.</p>	<p>Refer corrigendum with Revised Eligibility Criteria Section</p>

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
667	3	Note 2 (2)	Only One Consortium is allowed. Consortium shall be not exceed more than two(2) including the lead bidder. And it should be any of the active component's OEM till the entire contract duration and act as a key knowledge partner.	<p>This conditions is very stringent which allow only the OEM of active component to become the consortium partner.</p> <p>Please note that the consortium is required to meet the Technical and Financial Criteria requirement of the tender. Hence, such restriction are not recommended. Please remove or make necessary modifications in the clause.</p>	Duplicate with Query, Kindly refer the answer in Query (159)
668	3	Note 3	<ul style="list-style-type: none"> <li>• The Sole Bidder or Lead Bidder through its consortium partner should comply with Preferential Market Access (PMA) guidelines notified by DoT and all its clarifications/amendments applicable on this RFP.</li> <li>• However, for the transport equipment's, The bidder shall supply only such network equipment which, had those equipment been supplied for any defense communication project in India, would have been acceptable to the Indian defense authorities.</li> </ul>	<p>Both the clauses mentioned here seems contradicting each other and should be deleted.</p> <p>As per our understanding to Note 5 at page 44, PMA/Make in India Clause is applicable and preference will be given to Bidder meeting conditons of Class I Local Supplier for over all bid i.e. a bidder meeting minimum Local Content of 50% for offered goods, services or works for overall Bid shall be given preference.</p>	Pl see revision.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
669	3	3.2(2)	The available bid capacity of the following entities as commitment (Undertaking) for Gujarat to execute project on time a) Bidder b) Fiber OEM c) Duct OEM d) UPS OEM	This clause has no relevance with Eligibility Criteria asked in the tender. Hence, we request either to delete the clause or elaborate with format/calculation and value of bid capacity requirement.	Pl see revision.
670	3	3.2(3)	Offered Product Portfolio (will be as part of contract): <ul style="list-style-type: none"> <li>• Passive Component (Supplied quantity in last 3 years, Manufacturing capacity, Delivery commitment in Gujarat, Service support)</li> <li>• Active Component (Past supplies of offered family and visibility software (EMS) single UI, Repair &amp; return commitment)</li> <li>• Power Backup (Supplied quantity in last 3 years)</li> </ul> Note: This marking will be based on Percentile. This will be part of the contract and deliverables and same shall be diligently applied in WO/Agreement	Q1) We understand that bidder to submit supply records for last 3 years of all its proposed OEMs. Please confirm.  Q2) Please elaborate the mechanism for allotting the score against this requirement	i) Clause is self-explanatory ii) Refer the details mentioned in the notes mentioned in the same clause.
671	3	3.2(8)	Early Roll-out commitment: <ul style="list-style-type: none"> <li>• Bidder can showcase their expertise and give revise milestone for early rollout of the project.</li> </ul> Marking will be given based on percentile of highest commitment from the bidder.	This condition under technical qualification evaluation criteria is stringent and seen first time in any such tender. Mechanism for scoring against such requirement should be explained and bifurcated.	Pl see revision.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
672	4	4.7	BID SECURITY/ Earnest Money Deposit (EMD) Bidders shall submit, along with their Bids, EMD of Rs. 10 Cr/- (Ten Crores rupees only), in the form of a Demand Draft OR in the form of an unconditional Bank Guarantee by Bank Guarantee (which should be valid for 6 months from the last date of bid submission) of any Nationalized Bank...	Please confirm whether Bidder to submit EMD of Rs. 10 Crore for both the packages or Rs 10 Crore for each package seperately.	Please see revision
673	4	4.9	BID SECURITY SECTION The bid security in the form of EMD to be furnished to GFGNL office as well as to be uploaded online on nProcure portal in the form of demand draft in favour of "Gujarat Fibre Grid Network Limited." payable at Ahmedabad/ Gandhinagar before the last date and time of the bid submission.	As EMD is allowed in form of BG also, the clause should be rephrase as follows - The bid security in the form of <del>EMD</del> BG/DD/Insurance surity Bond to be furnished to GFGNL office as well as to be uploaded online on nProcure portal in the form of demand draft or BG/Insurance surity Bond in favour of "Gujarat Fibre Grid Network Limited." payable at Ahmedabad/ Gandhinagar before the last date and time of the bid submission.	Please see revision
674	9	9.3	9.3 Format III (EMD) Bank Guarantee format for Earnest Money Deposit	1) There are two different formats provided for EMD/Bid Security. Please advice which one to be followed.  2) Please also confirm the full Name/Designation/address of the beneficiary to whom Bank Guarantee need to be issued.	Refer Revised details in updated Corrigendum

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
675	9	9.11	Format-XI (EMD) BID SECURITY/ EMD Guarantee	-	Refer Revised details in updated Corrigendum
676	9	9.11	Format-XI (EMD) BID SECURITY/ EMD Guarantee  Cl. 7) In case GFGNL demands for any money under this bank guarantee, the same shall be paid through banker's Cheque in favour of <b>"AO (Cash) GFGNL CO" payable at New Delhi.</b>	We understand that the term here <b>"AO (Cash) GFGNL CO" payable at New Delhi"</b> is printed by mistake.  Request you to revise the condition with correct statement.	Thanks for highlighting, It was typo error. Refer the Revise clause section for same.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
677	4	4.16 (ii)	<p>Within two weeks of receipt of the Contract form, the successful bidder shall sign and stamp the contract and return it to the TENDERER along with performance guarantee. The performance Bank Guarantee shall be equal to 10% of the contract value valid for duration of 180 days beyond the expiry of contract.</p>	<p>Referring to clause 4.32(ii) at Page 65 and clause 21 at page 18 of the tender document, we understand that following clause superceed and will be final wrt PBG - The Bidder whose bids are accepted shall be required to submit two separate performance Bank Guarantees- one for the Project implementation phase and Maintenance Phase as below:</p> <p>a. 1st Bank Guarantee- Project Implementation Phase: The PIA, within 15 calendar days from the date of receipt of Notification of Award, shall furnish a Bank Guarantee equal to 5% of the CAPEX, valid till 100% go-live of the project/package or 18 months whichever is later. The Performance Bank Guarantee would be released upon submission of PBG for O&amp;M Phase.</p> <p>b. 2nd Bank Guarantee-O&amp;M Phase: The PIA, within 15 calendar days from the date of 100% Go Live, shall furnish a Bank Guarantee equal to 5% of the OPEX value of the project, valid up to 180 days beyond the expiry of contract.</p> <p>Please confirm if our understanding is correct.</p>	<p>Typo error. Removing the clause 4.16(ii), Refer the revision.</p>



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
678	4	4.32(ii)	<p>The Bidder whose bids are accepted shall be required to submit two separate performance Bank Guarantees- one for the Project implementation phase and Maintenance Phase as below:</p> <p>a. 1st Bank Guarantee- Project Implementation Phase: The PIA, within 15 calendar days from the date of receipt of Notification of Award, shall furnish a Bank Guarantee equal to 5% of the CAPEX, valid till 100% go-live of the project/package or 18 months whichever is later. The Performance Bank Guarantee would be released upon submission of PBG for O&amp;M Phase.</p> <p>b. 2nd Bank Guarantee-O&amp;M Phase: The PIA, within 15 calendar days from the date of 100% Go Live, shall furnish a Bank Guarantee equal to 5% of the OPEX value of the project, valid up to 180 days beyond the expiry of contract.</p>	-	Refer the query answered above
679	Fact sheet	21	Performance Bank Guarantee 5 % of CAPEX, 5% of OPEX per package.	-	Aas per RFP

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
680	4	4.22	<p>COURT JURISDICTION</p> <p>I.) Any dispute arising out on account of terms &amp; conditions of the tender/ bid document/ evaluation of bids/ issue of APO/AWO shall be subject to the jurisdiction of the competent court at the place from where the NIT/ tender has been issued i.e. <b>New Delhi</b>. The courts at <b>New Delhi</b> will have exclusive jurisdiction under this NIT and the contract that may be entered into pursuant to this NIT.</p> <p>II.) This Contract/ PO/WO is subject to jurisdiction of Court at New Delhi.</p>	<p>Please review the clause once and confirm if the court jurisdiction mentioned in clause as '<b>New Delhi</b>' is correct or not.</p> <p>If it is not correct, please amend the clause accordingly.</p>	Pls see revision
681	4	4.61(d)	<p>The format of the certificate to be given is "I.....s/o.....r/o hereby certify that none of my relative(s) as defined in the tender document is/ are employed in GFGNL unit as per details given in tender document. In case at any stage, it is found that the information given by me is false/ incorrect, GFGNL shall have the absolute right to take any action as deemed fit/without any prior intimation to me."</p>	<p>Please note that in case of Limited company, arranging such tender specific certificate from all the directors of the company individually is quite difficult. Hence, we recommend that an undertaking from Bidder's authorized singatory declaring that 'None of relatives of any of its Directors are employed in GFGNL unit' will suffice the purpose.</p> <p>Please allow.</p>	Query answered above

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
682	4	4.66(iv)	The eligibility conditions for the Sub Contractors shall be at least 50% of the proportionate technical eligibility mentioned in Eligibility Criteria for the proposed subcontracted works other than material supplies. While according to approval, GFGNL shall evaluate the Sub Contractors eligibility based on its technical experience considered against already approved sub-contracts in the same or any package of this project. If such sub-contracted works are completed, the experience can be re- considered.	To avoid any ambiguity, please mention exact eligibility condition for the sub-contractors.	Refer the query answered above
683	4	4.67(a)	There are separate financial bid tables provided for each package on (n)Procure website. Bidder wanting to participate in multiple packages will have to submit financial bids for each package separately in respective table. Evaluation will be done separately for each package. The Bidder with lowest bid (L1 – lowest sum total of “Financial bid” of any package) will be for each package. GFGNL reserves the rights to negotiate the rate of any line item(s) with selected Bidder(s).	There is no Financial Bid tables provided so far any package on (n)Procure website. Request you to please arrange to upload the same.	It is there in (n)Procure portal

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
684	5	5.6	REVENUE SHARE MODEL	This clause does not related to tender and should be deleted.	It is strategic decision, It is optional for the bidder.
685	5	5.12	POC (PROOF OF CONCEPT)	We understand the POC condition is not mandatory for this tender and should be deleted.	Already responded
686	iii) DEFINITIONS	11	Go-Live: The date of commencement of work and acknowledged by end customer	Its seems to be typo error. As per our understanding the definition of 'Go-Live' should be as follows - Go-Live: The date of Completion of SITC work acknowledged by end customer.	Refer the revised details with Partial Go-Live and 100% Go-Live
687	iv) STRUCTURE OF THE RFP	iv)	Tenderer desires to select the Service Provider for RFP for Selection of Project Implementing Agency For BharatNet Phase-III Project in Gujarat under GFGNL (Design, Construction, Supply, Implementation, Testing & Commissioning and Operation & Management Model).	It mentioned that the Tenderer desired to select the Service Provider. Is the word Service Provider and PIA the same? Please confirm	Yes, As per RFP

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
688	v) FACT SHEET	8	Date of response to Bidder Queries: Within 15 days from the date of pre-bid conference. Note: The Purchaser shall not be obligated to respond to any or all the queries. The Purchaser may, at its sole discretion, choose to publish responses to the pre-bid queries and /or any corrigendum on Central Public Procurement portal <a href="https://eprocure.gov.in/eprocure/app">https://eprocure.gov.in/eprocure/app</a> or may send through email or any other means.	We understand that response to the Prebid queries shall be published on <a href="https://bharatnet.gujarat.gov.in">https://bharatnet.gujarat.gov.in</a> and <a href="https://tender.nprocure.com">https://tender.nprocure.com</a> or through email. Please confirm.  Central Public Procurement portal <b><a href="https://eprocure.gov.in/eprocure/app">https://eprocure.gov.in/eprocure/app</a></b> mentioned here is printed by mistake and should be deleted.	Thanks for highlighting, please see clarifications. We understand that response to the Prebid queries shall be published on <a href="https://bharatnet.gujarat.gov.in">https://bharatnet.gujarat.gov.in</a> and <a href="https://tender.nprocure.com">https://tender.nprocure.com</a> or through email. Please confirm.  Central Public Procurement portal <b><a href="https://gfgnl tender.nprocure.com/">https://gfgnl tender.nprocure.com/</a></b> mentioned here is printed by mistake and should be deleted.
689	2	2.1.1.	BHARATNET PHASE I – PROJECT BACKGROUND: Note: 20 GP (Gram Panchayat) connected from 1 OLT (Optical Line Terminal) with 2 GP per PON (Passive Optical Network) Port of OLT, However, in OLT approximately 25-27 GPs Connected	The first para says that 20 GP (Gram Panchayat) connected from 1 OLT, and as per another statement it says 25-27 GPs connected through one OLT. Please review and make the necessary correction.	There are some exceptional cases where from single OLT approximately 25-27 GPs are parented

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
690	3	3.1	i) For Optical Fibre: The Bidder should have experience of Laying, Installation, Testing and Commissioning of EPC Based Optical Fibre Cable (Underground), Duct and accessories as mentioned below in last 10 Years, as on this bid submission date: One Package: 8,000 Kms Two Package: 15,000 Kms	We understand that the bidder should showcase such experience for the works awarded directly by the TSPs, Category-A ISPs, IP-1, Central Government, State Government, Municipal Corporations for Smart City Projects, BharatNet SPVs, PSUs for their own network and not sub-contracted works. The bidder shall not be allowed to showcase such experience of similar works done for its internal network. Please confirm	Refer corrigendum with Revised Eligibility Criteria Section
691	3	3.1	i) For Optical Fibre: The Bidder should have experience of Laying, Installation, Testing and Commissioning of EPC Based Optical Fibre Cable (Underground), Duct and accessories as mentioned below in last 10 Years, as on this bid submission date: One Package: 8,000 Kms Two Package: 15,000 Kms  <b>Documentary Proof:</b> 3.1 Validated Data from Government sources (reports, portal log Etc.) • The details of ISP nodes or points of presence with their locations.	<b>Documentary Proof:</b> 3.1 Validated Data from Government sources (reports, portal log Etc.) • The details of ISP nodes or points of presence with their locations.  We are unable to understand the requirement of documentary proof point no. 3.1. Further, client certificate is already asked in the requirement hence it is requested to remove requirement of such documents. Further getting govt validated data is itself an combursesome task for the SI. Instead GFGNL can if required validate the proof/client certificate from their govt source.	Refer corrigendum with Revised Eligibility Criteria Section

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
692	3	3.1	<p>ii) For Equipment's : Experience of Telecommunication equipment installation, commissioning and O&amp;M of at least-</p> <ul style="list-style-type: none"> <li>• 1000 active nodes, if bidding for 1 package,</li> <li>• 2200 active nodes, if bidding for 2 packages,</li> </ul> <p>The active nodes to be considered for this criterion can be include atleast, MPLS Routers, RFMS, Layer-3 Switches, Transport equipment(DWDM/PTN(packet and transmission equipments)/OTN/RON/CPANs/OLT of 16 or more ports</p>	<p>For larger participation, we request you to revise the experience as follows:</p> <p>ii) For Equipment's : Experience of Telecommunication equipment installation, commissioning <del>and O&amp;M</del> of at least-</p> <ul style="list-style-type: none"> <li>• 1000 active nodes, if bidding for 1 package,</li> <li>• 2200 active nodes, if bidding for 2 packages,</li> </ul> <p>The active nodes to be considered for this criterion can be include atleast, MPLS Routers, RFMS, Layer-3 Switches, Transport equipment(DWDM/PTN(packet and transmission equipments)/OTN/RON/CPANs/OLT of 16 or more ports</p>	No Change as per RFP

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
693	3	3.1	<p>Documentary evidence such as Authorization letters, MAF (Annexure XXX) from all OEM/Vendors whose products are being quoted by the Bidder need to be attached in the bid.</p> <p>Copy of valid Technical Specification Evaluation Certificate (TSEC) / Type Approval Certificate or copy of Application for fresh TSEC/TAC as applicable from each OEM whose products are being quoted by the Bidder.</p> <p>The Bidder or the lead member (in case of Consortium) should submit valid Manufacturer Authorization Form (MAF) from maximum one(1) for all passive components (Like, (all types of OF Cables, Duct, Joint Closures (SJC &amp; BJC), FDMS &amp; FTB) and up to maximum one (1) OEMs for all active components (Routers, RFMS, UPS &amp; Racks).</p> <p>TSEC issued against earlier tender(s) of BSNL/BBNL/MTNL/State Government/Central Government/BharatNet Projects BSNL QA registered QF-103 or Form B issued by TEC for the quoted products shall also be acceptable for eligibility to submit the Bid only.</p>	<p>The first part of the clause states the following:</p> <p>The Bidder or the lead member (in case of Consortium) should submit valid Manufacturer Authorization Form (MAF) from maximum one(1) for all passive components (Like, (all types of OF Cables, Duct, Joint Closures (SJC &amp; BJC), FDMS &amp; FTB) and up to maximum one (1) OEMs for all active components (Routers, RFMS, UPS &amp; Racks).</p> <p>The last paragraph of the clause states the following:</p> <p>In order to meet the delivery timelines, the successful bidder can procure and supply the material from one or more quoted OEMs in any combination.</p> <p>Both the paragraph contradicts each other as on side, it mandates the bidder to submit MAF from maximum one for all passive and active components and the last paragraph allows the successful bidder to procure and supply the material from one of more quoted OEM in any combination to meet the delivery timelines.</p> <p>Request GFGNL to review query</p>	<p>Thanks for highlighting , It was typo. Duplicate with Query, Kindly refer the answer in Query (155) and Revised Clause Annexure</p>



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
			<p>In order to meet the delivery timelines, the successful bidder can procure and supply the material from one or more quoted OEMs in any combination.</p>	<p>no. xxx and make necessary changes as suggest.</p>	

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
694	3	3.1	X. In case the experience of service provider is being submitted in the bid, then the concerned service provider shall submit the Route-wise details, along with certificate(s) obtained from the respective TSP/ISP, regarding Fibres leased by service provider to them, in the below given format:	We understand that the term 'Service Provider' referred here is TSP or ISP. Please confirm	Correct, No change in the RFP Clause
695	3	3.1	Without limiting the generality of the above, a Bidder shall be deemed to have a Conflict of Interest affecting the Bidding Process, if: I. A constituent of such Bidder, for the Package, is also a constituent of another Bidder, for the Package; or II. A constituent of the GFGNL Central NOC RFP or III. Such Bidder has the same authorized representative for purposes of this Bid as any other Bidder for the same Package; or IV. For the same Package, such Bidder, or any associate thereof has participated as a consultant to GFGNL in the preparation of any documents, design or technical specifications of the Package.	Please define and elaborate more about the term 'constituent' mentioned in this clause	Refer corrigendum with Revised Eligibility Criteria Section

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
696	3	3.2	<p>Bidder Should have executed at least one (1) Networking Projects with Supply, Installation, Testing, Commissioning (SITC) or <b>O&amp;M</b> of in last 8 Years with minimum value  For each Project worth <math>\geq</math> 1000 Cr : 5 Marks  For each set of 2 projects worth <math>\geq</math> 750 Cr: 3 Marks</p> <p>having components like Routers/Switches/RFMS/OFC/Layer-3 Switches/ Transport equipment (DWDM/PTN/OTN/ROn/CPANs/OLT of 16 or more ports in last eight(8) years as on date of bid publish.</p>	<p>Please amend this clause in accordance with the required experience criteria asked in the tender.</p> <p>Reasons -</p> <p>1) This clause is not clear whether it is for EPC OFC construction project or for Telecommunication equipment installation, commissioning.</p> <p>2) As per this clause the value of either Execution or O&amp;M of the project may be considered which is not the case as asked in the requisite experience criteria.</p> <p>3) As per this clause - in case of consortium, both the partners need to have experience of execution of networking project.</p>	<p>Refer corrigendum with Revised Technical Qualification Criteria Section</p>

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
697	3	3.2	<p><b>1. Experience Capability:</b> Bidder Should have executed at least one (1) Networking Projects with Supply, Installation, Testing, Commissioning (SITC) or O&amp;M of in last 8 Years with minimum value For each Project worth <math>\geq</math> 1000 Cr : 5 Marks For each set of 2 projects worth <math>\geq</math> 750 Cr: 3 Marks In Case Of Consortium:</p> <p>having components like Routers/Switches/RFMS/OFC/Layer-3 Switches/ Transport equipment (DWDM/PTN/OTN/ROn/CPANs/OLT of 16 or more ports in last eight(8) years as on date of bid publish.</p>	We request GFGNL to allow bidders showcase the experience of such projects worth INR 400 Cr. or more to meet the experience capability criteria	Refer corrigendum with Revised Technical Qualification Criteria Section

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
698	3	3.2	2. The available bid capacity of the following entities as commitment (Undertaking) for Gujarat to execute project on time a) Bidder b) Fiber OEM c) Duct OEM d) UPS OEM	<p>We understand that the bidder is only expected to provide an undertaking from OEM of OFC, Duct and UPS to extend their full support to bidder to execute the project on time.</p> <p>If the understanding is correct, request you to provide a format of such undertaking / support certificate required from OEM of OFC, Duct and UPS else please elaborate about the bid capacity and commitment asked in this clause.</p>	Refer corrigendum with Revised Technical Qualification Criteria Section

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
699	3	3.2	<p>Offered Product Portfolio (will be as part of contract):</p> <ul style="list-style-type: none"> <li>• Passive Component (Supplied quantity in last 3 years, Manufacturing capacity, Delivery commitment in Gujarat, Service support)</li> <li>• Active Component (Past supplies of offered family and visibility software (EMS) single UI, Repair &amp; return commitment)</li> <li>• Power Backup (Supplied quantity in last 3 years)</li> </ul> <p><b>Note:</b> This marking will be based on Percentile. This will be part of the contract and deliverables and same shall be diligently applied in WO/Agreement</p>	<p>We understand that the bidder is expected to provide details of passive and active component supplied by the OEM (passive components - last three years, active components - past supplies, power back up - last three years.</p> <p>Request GFGNL to:</p> <ol style="list-style-type: none"> <li>1. Restrict the details for last three years for all components.</li> <li>2. Provide list of items to be considered in active and passive components</li> <li>3. Standard format in which the details are expected</li> <li>4. Provide examples of the evaluation process for better understanding</li> </ol> <p>Moreover, we think that the details requested are similar in nature with respect to technical eligibility criteria no. 2 Bid capacity. Request GFGNL to review and update accordingly</p>	Refer corrigendum with Revised Technical Qualification Criteria Section

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
700	3	3.2	<p><b>3. Space utilization ("U" in Size) at Site by proposed solution</b></p> <p>Least Size among Bid participants = 5 marks, Least Size to &lt; 150% of Least size = 3 marks , More than 150% of Least size = 2 marks</p> <p>Power Consumption ("KWH" in Unit per Hour) at Site by proposed solution Least Units among Bid participants = 5 marks, Least Size to &lt; 120% of Least size = 3 marks, More than 120% of Least size = 2 marks</p>	<p>To calculate the number of "U" in size and power consumption "KWH", the total number of "U" and "KWH" of all the sites i.e., SDC, block, sub-block, GP, Vadodara DR and TC / DC shall be considered for evaluation.</p> <p>Kindly confirm</p>	<p>Refer corrigendum with Revised Technical Qualification Criteria Section</p>

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
701	3	3.2	<p><b>For Phase-1:</b> Fiberization Strategy for improving overall health of the link &amp; redundant link :</p> <ul style="list-style-type: none"> <li>• Clarity on broad principles mentioned in the RFP, HLD with traffic engineering, ,% GP above the base criteria for dual homing,</li> <li>• Integration with Phase-2 ,</li> <li>• Special planning for optimization of fiber planning desert area like Kutchh,</li> <li>• % Scope of rework declared by PIA (10 % to 20%)( lower % will be having high mark)</li> </ul> <p><b>For Phase-2:</b> Fiberization Strategy for improving overall health of link &amp; redundant link: Clarity on broad principles mentioned in the RFP,</p> <ul style="list-style-type: none"> <li>• % GP above the base criteria for dual homing,</li> <li>• HLD with traffic engineering</li> <li>• % Scope of rework declared by PIA (5% to 10%) (lower % will be having high mark)</li> </ul>	<p>We think that the fiberization strategy will be key to design a resilient and cost effective network. Hence, the maximum marks for this criteria should be atleast 40 marks for both phase-1 and 2 fiberization strategy.</p> <p>Moreover, the evaluation parameters are subjective and it is difficult for a bidder to prepare a competitive fiberization strategy. Request you to provide objective parameters along with its scoring methodology to ensure transparency in the evaluation process</p>	Refer corrigendum with Revised Technical Qualification Criteria Section



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
702	3	3.2	<b>HoTo Commitment</b> : Any slippages in taking over process is non-negotiable. Additional offering as contractual commitment on Early completion of HoTo will be rewarded with additional 1 marks per month per phase basis or part thereof.	The criteria mentions about additional 1 mark per month per phase basis as reward. If bidders takes over the network 2.5 months early, it will get 5 marks, however, it doesn't mentions about the initial scoring that bidder shall obtain to propose a HoTo commitment as per the HoTo timelines mentioned in the RFP. Please elaborate	Refer corrigendum with Revised Technical Qualification Criteria Section
703	3	3.2	<b>Minimum Up-time including power protection:</b> Minimum of 98.5 % at GP is having 7 marks, Each increase in 0.5%, 1 marks will be awarded up to maximum of 10 marks  Mean time to restore (MTTR) : 4 hrs : 2 marks, <= 4 hrs : additional 1 marks for each reduction in MTTR in slot of 15 min up to max 5 marks	The parameters i.e., minimum uptime including power protection and MTTR, are relevant during the O&M phase. We think that these parameters cannot be a part of initial bid evaluation.  Please review and elaborate further.	Refer corrigendum with Revised Technical Qualification Criteria Section

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
704	3	3.2	<p><b>Technical Presentation (Bidder &amp; OEM) :</b></p> <ul style="list-style-type: none"> <li>• Rural centric approach and strategy to keep network uptime high with additional efforts as a contractual commitment,</li> <li>• Preparedness for early completion of milestones(as a summary of “Early Roll-out commitment”) as a contractual commitment</li> <li>• Strategy for converting the existing Linear-Network-Topology to IP-MPLS based Ring-Topology with link fail-over enabled on each node,</li> <li>• Monetization of BharatNet assets and related models, strategic inputs and attractive non-binding offers without any additional cost to the GFGNL</li> <li>• Additional Offering over and above the ask of RFP without additional charges - 4S (Service Portfolio, Service Provisioning, Service Performance Monitoring, Service audit and security Compliance) - Network Utilization incentive including TELCO support.</li> </ul>	<p>Request GFGNL to provide inputs on the following:</p> <p><b>Point 1:</b></p> <ul style="list-style-type: none"> <li>• Preparedness for early completion of milestones(as a summary of “Early Roll-out commitment”) as a contractual commitment</li> </ul> <p>We understand that these point is already covered in "<b>8. Early Roll-out commitment</b>". Request GFGNL to remove it from the technical presentation.</p> <p><b>Point 2:</b></p> <ul style="list-style-type: none"> <li>• Strategy for converting the existing Linear-Network-Topology to IP-MPLS based Ring-Topology with link fail-over enabled on each node,</li> </ul> <p>We understand that these point is already covered in "<b>4. Phase-1" Fiberization strategy and "5. For Phase-2" Fiberization strategy.</b> Request GFGNL to remove it from the technical presentation.</p> <p><b>Point 3:</b></p> <p>Request you to provide weightages against each evaluation criteria</p>	<p>Refer corrigendum with Revised Technical Qualification Criteria Section</p>

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
705	5	5.2	ii. BBNL has implemented BharatNet Phase-I in 11 districts (Gandhinagar, Kheda, Anand, Navsari, Bhavnagar, Amreli, Sabarkantha, Patan, Kachchh, Porbandar, Dadar and Nagar Haveli) and has implemented in partial talukas of 4 districts (Bharuch, Vadodara, Valsad and Mehsana).	<p>The Amended BharatNet tender published by BSNL had package 1 of category 1A consists of Madhya Pradesh and Dadar and Nagar Haveli. The clause mentions that BBNL has implemented BharatNet phase-I in 11 district which includes Dadar and Nagar Haveli district.</p> <p>We understand that Dadar and Nagar Haveli is not in the scope of this tender. Please confirm</p>	<p>This RFP covers Gujarat State. No UT (Dadra and Nagar Haveli and Daman and Diu) are covered under this RFP as it already covers in BSNL RFP</p>
706	5	5.2	Note – a) Above figures are indicative in nature and may vary as per actual scope during workorder	<p>The table on page no. 107 and 108 provide the count of Districts, Block, GPs and Revenue villages in the scope. We understand that 14,654 GPs of Gujarat are either connected in phase-1 or phase-2. This means there are no GPs pending to be connected and there is no scope for green field GPs and Revenue villages in this tender. Please confirm</p>	<p>Please refer clause no. 5.2 xiv. Point b "PIA shall integrate the existing (Phase I &amp; II) GPs and newly covered GPs (to be created) under BharatNet network. PIA shall conduct a detailed survey to cover all the GPs in a package by forming GP rings. These rings may consist of existing (Phase I &amp; II) GPs and newly covered GPs (to be created) under BharatNet." Please see revised annexure for scope.</p>
707	5	5.2	Note – a) Above figures are indicative in nature and may vary as per actual scope during workorder b) As such, Strategic government locations of around 200 numbers connected on BharatNet Phase-II will also be part of this bid scope for which details will be shared separately.	<p>Please share details of the strategic government locations of around 200 numbers i.e. site name, latitude &amp; longitude, connectivity details, rack, power, equipment details and other mentioned in point no. 2</p>	<p>We have already provided all GP list with LGD code and asset details. We have given you 15 days time for survey on Page No.153 note i. Further, we advised to send authorized person for site visit. In case, any network confidential information is required, Please send your authorized person with NDA for better know-how.</p>

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
708	5	5.2	vi. Bidder may advice to plan the new GP equipment in ring co-located at GUVNL/Discom sub-station wherever feasible in consultation with the GFGNL and serve the GramPanchayat through feasible technologies.	Please share the site and location details of the GUVNL / Discom sub-stations where the bidder is expected to plan the new GP equipment. This is required as the planning of GP equipment at GUVNL / Discom sub-station may require additional OFC laying (in addition to the existing phase-1 or 2 OFC), rack installation, power termination etc., and the bidder may need to calculate and also prepare financials.	We have already provided all GP list with LGD code and asset details. We have given you 15 days time for survey on Page No.153 note i. Further, we advised to send authorized person for site visit. In case, any network confidential information is required, Please send your authorized person with NDA for better know-how.
709	5	5.2	vi. Bidder may advice to plan the new GP equipment in ring co-located at GUVNL/Discom sub-station wherever feasible in consultation with the GFGNL and serve the GramPanchayat through feasible technologies.	We understand that the space, power and required permissions for OFC laying, rack installation and any other work related to this shall be arranged by GFGNL	Space, power and required permission for OFC laying/rack installation shall be facilitated by GFGNL. OFC/Rack/Equipment supply and installation shall be bidder's responsibility.
710	5	5.2	xi. Selected PIA has to consider the Vadodara as a Disaster recovery (DR) at Vadodara State DR for Existing State Data center at Gandhinagar and should plan the OFC network in between the Vadodara and Gandhinagar.	We understand that the space, power, Air conditioner and required permissions for OFC laying, rack installation and any other work related to this shall be arranged by GFGNL	IT and Non-IT components in DR are out of scope for the Bidder. The bidder's scope related to DR is limited to fiberization(2CNO) only while designing and optimizing the network.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
711	5	5.2	e. GFGNL will facilitate lease line for DCN for initial 6 month duration in phase-1 from agreement date (T0). For any bandwidth provisioning for each Block/ sub-block/master block, through network elements via provided leaseline of GFGNL the cost will be bared by the PIA post 6months. This would entail all connections including connection with IP-MPLS routers at Sub-block/block/Master block.	Please elaborate on the DCN requirement for phase-1 OLTs	It is the responsibility of GFGNL to provide the connectivity and NMS tool for discovery. It is the responsibility of PIA for timely survey and completion of fiberization and intimation in advance for the planning of connectivity requirement by the GFGNL. The PIA should not perceive any risk on account of GFGNL responsibility.
712	5	5.2	c) First preference for parenting each GP ring to block routers shall be dual homed. It should be minimum 65:35 ratio i.e. 65% of GPs are dual homed means to be parented to two different Sub-blocks and 35% of GPs are single homed means to be parented to single sub-block.	Considering the diverse geography of Gujarat, it is difficult to plan as per the 65:35 ration. Hence, we request you remove the 65:35 criteria and allow the bidder to design the network basis the best available and optimal path	The bid is on EPC model for blending, creativity of private sectors in fiberization, and cost optimization, measurable scientific outcome for simplified payments against numeric level deliverables which are clearly defined in the RFP for faster roll-out linked with timely payment for ease of doing business and high network uptime.
713	5	5.2	14. Folded Path (IN-OUT on same path) for lastmile of GP, TC and DC should be allowed as per following. a) GP last mile to be allowed for maximum 1000 mtr only. b) DC/TC last mile to be allowed for maximum 250 mtr only.	14. Folded Path (IN-OUT on same path) for lastmile of GP, TC and DC should be allowed as per following. a) GP last mile to be allowed for maximum <del>1000</del> <b>3000</b> mtr only. b) DC/TC last mile to be allowed for maximum <del>250</del> <b>500</b> mtr only.	Pls see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
714	5	5.2	I) PIA has to provision Internet Lease line bandwidth at Sub-blocks to carry Gram Panchayats traffic up to State capital i.e. State data center.	We understand that the bidder is mandated to build a transport network which will carry the traffic from block / sub block location to the state data center. Hence, this clause is not applicable. Please confirm	Removed. Please see revision
715	4	4.4	The PIA should have at-least one office in each Business Area of GFGNL and one nodal person in each district with above facilities. It may have more than one office in a district as per the operational need.	Having office at each business area and a nodal officer in each district will create additional cost burden without having much utilization of the ask. Request you to kindly remove the clause as PIA will manage the requirement from its pool of resources as asked in the RFP.	A dedicated office and nodal person in every district will enhance the efficiency of project execution, coordination, and issue resolution. This structure will facilitate seamless communication, timely support, and effective management of this project. Hence, this is non-negotiable clause.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
716	4	4.57	1) Clause 4.57-ii): The bidder shall within 14 days of issue of the advance purchase/work order, shall give its acceptance along with performance security (PBG or insurance security bond) in conformity with proforma enclosed in the relevant section provided with the bid document.	<p>1) Clause 4.32-ii-a) says The PIA, within 15 calendar days from the date of receipt of Notification of Award, shall furnish a Bank Guarantee</p> <p>2) Clause 4.32-iv) says The Performance Guarantee shall be valid for a period of 180 days beyond Contract period and shall be denominated in Indian Rupees and shall be in the form of an unconditional Bank Guarantee issued by all Public-Sector Banks/private banks having branch in Gandhinagar/Ahmedabad in the format provided by the TENDERER to be submitted Within 21 calendar days from the date of final work order.</p> <p>Request you to please provide clarity and remove the ambiguity as all these clauses defines different-different timelines.</p>	Refer the revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
717	7	7.9.9	Sub clause k) For any Gross negligence during the contract period, a sum of Rs. 10,00,000/- will be levied for each event of gross negligence and/or for each delayed week or part thereof till resolution. Event can be anything causing substantial impact on services for which the Bidder is responsible. This will be all and above the cap limit of O&M quarterly penalty.	Request you to please define the "Gross Negligence" as its open ended and ambiguous clause.	<p>Following factors can be major reasons for gross negligence but not limited to :</p> <ol style="list-style-type: none"> <li>1. Poor Quality Materials: Using substandard cables or connectors can lead to frequent failures and increased maintenance costs</li> <li>2. Improper Installation: Incorrect handling or installation of fiber optic components can cause breakage and signal loss.</li> <li>3. Overbending of Cables: Excessive bending of cables can damage the fibers, leading to signal degradation.</li> <li>4. Physical Damage: Damage caused by rough handling, construction mishaps, or environmental factors can disrupt connectivity</li> <li>5. Loose or Damaged Connectors: Connectors that are not properly secured or are damaged can cause intermittent connectivity issues</li> <li>6. Inadequate Network Design: A poorly designed network that doesn't account for future growth or proper signal boosting can lead to performance issues</li> <li>7. Environmental Conditions: Exposure to harsh environmental conditions without proper protection can damage the cables</li> <li>8. Failure to Follow Safety Protocols: Not adhering to safety standards and protocols during installation and maintenance can result in accidents and damage to the infrastructure.</li> </ol>



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
718	7	7.9.17	<p>Note: a) The quarterly operational penalty is capped at 20% of quarterly actual invoice value for clause mentioned above . However, if such value of 20% is reached for any Two Quarters consequently during the contract period, then the TENDERER will have the right to terminate the contract.</p>	<p>20% Penalty cap is very high. Normally it is capped at 10% of quarterly payment. Request you to revise the same and capped at 10% of quarterly invoice value.</p>	<p>As per RFP</p>
719	4	4.54	<p>i) The quoted offer should be exclusive of Taxes. Taxes shall be paid extra on actual, as applicable. The taxes prevailing at the time of raising the invoice shall be paid.</p> <p>However, Note VIII) below the Financial bid say "Above charges should be inclusive of all applicable taxes &amp; GST."</p>	<p>Request you to please provide clarity on taxation part and remove the ambiguity.</p>	<p>Bid will be evaluated excluding the taxes, PI refer the revision</p>

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
720	8	Note V)	<p>In case, if any other type of electronics equipment (to be installed at centralized as well as field locations) will be procured for this Network in future through separate tender, the PIAs of respective packages will be responsible to perform O&amp;M of these devices. For this, 1% of centralized equipment cost and 2% of field equipment cost will be paid to respective PIAs per annum as O&amp;M charges. This clause will apply only in case of equipment procured and set up in uplink layer above GP Router including revenue village level. For horizontal connectivity at village level or from GP Router or revenue village level, this clause will not apply.</p>	<p>5% O&amp;M charges is standard rate of O&amp;M in various projects of BBNL/DBN/DOT and hence request you to please modify the O&amp;M charges as 5% of the procured cost of the said electronics items.</p> <p>Secondly, it is also requested to please provide clarity on the validity period. for e.g. if any device is procured in the 5th year of the O&amp;M of BN PH-III then in that case i need to perform O&amp;M for next 5years or 10 years.</p>	<p>In case, if any other type of electronics equipment (to be installed at centralized as well as field locations) will be procured for this Network in future through separate tender, the PIAs of respective packages will be responsible to perform O&amp;M of these devices. For this, 1% of centralized equipment cost and 2% of field equipment cost will be paid to respective PIAs per annum as O&amp;M charges. The items will be procured with sufficient AMC/warranty cover by GFGNL. This clause will apply only in case of equipment procured and set up in uplink layer above GP Router including revenue village level. For horizontal connectivity at village level or from GP Router or revenue village level, this clause will not apply.</p>

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
721	8	Note III)	<p>The O&amp;M for 10 years will be distributed as 45% in initial 5 years and 55% in next 5 years quarterly installment.</p> <p>a. For Example, Any GP after 100% go-live, come in O&amp;M phase will be charged with Rs 100/-, which will be distributed for entire contract duration as per below.</p> <p>GP Rate For Initial Five Years Next Five Years 100/- For 10Yrs Rs 9/- for each Year Rs 11 for each year</p>	<p>As per the said example given in the clause it is understood that the O&amp;M rate for the first five years is 9% per annum and for the next five years is 11% per annum. Please Clarify.</p>	Pls see revision
722	4	4.67	<p>Package Participations: Bidder can submit bid(s) for both the package, but any successful bidder will get only maximum 1 package. If any Bidder wins in both 2 packages, then the GFGNL has the sole rights to allocate the one package without consultation with bidder. Therefore, it is expected that bidders are to be financial realistic while participating. The non acceptance of allocated by the selected bidder shall be observed very seriously by the tenderer.</p>	<p>We recommend to amend this condition in line with BSNL's BharatNet Ph III tender</p> <p>Package Participations: Bidder can submit bid(s) for both the package, but any successful bidder will get only maximum 1 package. If any bidder bids for both the packages qualify during technical evaluation and emerged as winner for first package then Financial Bid of this bidder for 2nd package will not be opened. Vice versa if the bidder who bids for both the packages didn't emerge as successful bidder in package A then in that case his financial bid for package B should be opened and evaluated for the financial stage.</p>	<p>If a bidder qualifies for both packages, GFGNL will allocate one package at its discretion without consulting the bidder. This approach ensures fair distribution and encourages bidders to make financially realistic decisions while participating.</p>

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
723	General	New Clause	<p>In BSNL's BharatNet Ph III tender, TSP/ISP were restricted to participate through following clause -</p> <p>- An ISP/TSP license holder for an LSA shall be ineligible to participate in the package comprising of that LSA.</p>	<p>Request you to apply same clause here in this BharatNet Ph3 tender of GFGNL.</p>	<p>It is a restrictive condition which is based on premises of elimination.</p> <p>The first and foremost purpose of this RFP is to lay fibre network and activate the same wherein the companies having similar nature of business has added advantage of fiberization principles, flow of traffic, consumerization, understanding of network uptime, service availability, and lastly better enterprise grade experience. Continuing objectivity of the wider participation, even we have extended the eligibility by allowing OSP(Out side plant) experiences. We have governance mechanism to deal with conflict of interest.</p>

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
724	5	5.2	d. In Phase-1, GFGNL will be building shelter at Sub-Block level to host electronics. However, if situation arise where installation is to be done at BSNL exchange, bidder to consider one time shifting of OFC and electronics to GFGNL shelter once shelter is ready to use without any additional cost to GFGNL. For the same, bidder to ensure OFC & Chamber near tentative shelter location. Shifting should be completed within 10 calendar days of intimation except RoW challenges. Beyond which GFGNL may recover amount in proportionate to BSNL space & infra rent for each day from its next payables.	Request to please provide the near tentative location, lat-long etc. of shelters for proper fiber planning. In case of nonavailability of this information if PIA requires to lay additional fiber in case of shifting from BSNL Exchange to shelter location then it will be billed as per the actuals at the time of such shifting.	<p>1. It is the responsibility of GFGNL to provide the shelter on time. It is the responsibility of PIA for timely survey, conveying the location of shelter at Sub-block location as part of overall fiberization plan.</p> <p>2. On best effort basis, GFGNL will provide shelter or in case of any difficulty or unforeseen delay in providing the shelter, then GFGNL will provide alternate location. To de-risk the PIA, it is clarified that the chance of shifting cases are very unlikely and over and above that even if the need of shifting is the necessity, then one time charges of following shall be applicable for payment by GFGNL to PIA to meet expenses upon intimation and approval.</p> <p>i) Shifting of electronics and accessories including re-installation and commissioning = Maximum up to Rs. 15,000 /- per location.</p> <p>ii) Rs. 400 per mtr for additional UG fiber work as per engineering instructions mentioned in RFP including material, workmanship and all the associated cost.</p> <p>Note- Above charges are excluding taxes.</p> <p>3. It is the responsibility of PIA to complete the shifting within 10 calendar days from intimation date. It is the responsibility of PIA to plan shifting properly without disruption of any downtime of services.</p>
725	5	26	k) Maximum number of GP rings to be parented at Sub-Block shall be three (4).	Please refer the clause in word it says "Three" whereas in number it mentions as "4". Request you to please clarify the correct count.	This clause is revised as "Average number of GPs to be parented at Sub-block shall normally be around twenty-three (23). In exceptional case, after approval of GFGNL it may allow maximum up to thirty (30) with given due justification."

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
726	5	13 & 15	<p>13 NOC security - Implement security measures as per industry best practices and CERT-in guidelines to fortify the NOC infrastructure against potential cyber threats or any other security lapses.</p> <p>15) The NOC security solution shall be capable of discovering and prioritizing events occurring across the network. It shall also determine the risk level by identifying the assets that are affected and recommend and/or execute the appropriate remediation response mechanism.</p>	As per our understanding SNOC is not in the scope of PIA selected with this RFP. Request you please remove these clauses and provide the clarity.	The Protocol and security compliance related to the supplied product has to be ensure by the Bidder and OEM as specified DoT/TRAI/GoG/CERT/etc. Thus, offered product /solution must adhere to security norms, prevailing security practices and it should not limit functionality of security activations.
727	5	5.1	vii) Payment of 40% of the quoted /finalized price shall be made after successful commissioning of first connection.	As per this clause it is understood payment of PIA is linked with commissioning of any last mile end customer from revenue village. Is it correct. If yes then please remove the said clause as how can PIA payment can be linked with onboarding of GFGNL end customer. This seems to be wrongly connected.	Pls see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
728	5	5.1	viii) Payment of 7.5% of the quoted/ finalized price shall be made every year, during next 8 years, after the completion of Financial Year in which the first village connection is provided. This payment shall be made quarterly as 1.875% only, on achievement of quarterly SLA of 97% or better for such connectivity, However, the payment will be reduced as per table below, if 97% uptime in the quarter is not maintained. No payment will be made for the quarter if the uptime for that village connectivity is below 80%.	This is quite stringent payment terms wherein 60% of CAPEX cost for revenue village connectivity withheld and paid in 32 quarterly instalments. Request you to please change the same with release of payment after successful commissioning and FAT of the said link.	Pls see revision
729	5	5.1	ix) The O&M payment to the PIA for the concerned Block shall not be released, till all such revenue villages for which the work orders in the block have been issued are provided with connectivity within 30 days of the work order. A penalty of Rs 100/- per day of delay beyond 30 days shall be levied, unless the exemption is given by GFGNL on case-to-case basis with proper justification and valid documentation submission for the reasons beyond the control of the PIA.	This is quite stringent payment terms clause wherein O&M Payment of entire block is withheld for the revenue village. Request you either amend it to include delay penalty link with the said link cost only or please remove as it unnecessarily adds finance cost in the tender.	Pls see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
730	5	5.1	x.) Maximum penalty for delay in connectivity to the village shall be capped at 12% value of the O&M invoice for each quarter for that Block. Further, GFGNL, on behalf of USOF, shall have the right to get the work done at the risk and cost of the PIA in case work is not completed in 100 days.	Maximum penalty cap of 12% should be of O&M charges of that particular revenue village instead of O&M charges of entire block as it is very likely the O&M charge of block may be more than capex of that particular revenue village. Request you to please clarify and change.	Pls see revision



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
731	5	5.1	<p>iv) Wherever, such electricity poles are not available/used, the PIA is required to erect wooden/ G.I. poles at the required intervals so that the OFC withstands normal climatic disturbances.</p> <p>xi) Wherever the existing electricity poles are not available; the PIA shall erect a 7 Meter RCC pole. Payment of the quoted/ finalized price, shall be made for such RCC Poles, including supply, installation and O&amp;M for the entire contract period, on uploading of the Photos/video as per specifications. The PIA shall have to replace such poles damaged for any reason whatsoever during the contract period without any additional cost to GFGNL.</p>	<p>Request you to please clarify what exactly PIA has to provide as both of these clause contradicts to each other.</p> <p>Secondly, also suggest that how many times bidder needs to replace the pole at free of cost? It is suggested that this replacement should be done on payment basis as these are consumable items and they may got damaged due to any reason which are not attributable to PIA.</p>	<p>It is the PIA's responsibility to maintain, &amp; manage overhead Cable without diluting uptime/ SLA. The Pole must be stable enough to withstand against external environment. The wooden/G.I. Poles is not allowed. The pole should be proper and of RCC. The alternative technology in space connectivity is also an option given to PIA for cost effective medium.</p>
732	5	5.1	<p>The entire quoted/ finalized price of Last Mile Connectivity is split in the ratio of 68:32 against CAPEX: OPEX charges. Thus, 1% of the price shall be paid per quarter, as OPEX of that quarter and remaining 0.875% shall be paid against CAPEX out of total 1.875%.</p>	<p>Very stringent payment terms. Request to please pay full capex part till FAT instead of holding it and paying in 32 quarterly instalments.</p>	<p>Pls see revision</p>

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
733	10	Annexure-C (J)	The PIA will maintain an As-build route diagram and details for splicing of OFC for each GP through GIS tool having accuracy of 50 cm.	Please confirm whether the accuracy required is 50 cm or 20 cm.	Please see revision
734	10	Annexure-E (1.5)	GIS data collection - The record of Block, GP and any utility shall be maintained within a 50-meter corridor with an accuracy of 20 cm (25 meters on each side of the road's center line or within the road's right-of-way, whichever is greater)	Please confirm whether the accuracy required is 50 cm or 20 cm.	Please see revision
735	5	5.13.5.2	Server (Computing) and Storage for all software applications like NMS along with all other applications such as ERP, Project management tool, web portal mobile, etc. will be provided by GFGNL.	We understand that storage for photos and videos will be provided by GFGNL.	Yes, as per clarification sought
736	5	26	Maximum number of GP rings to be parented at Sub-Block shall be <b>three (4)</b> .	Please confirm whether the number of GP rings to be parented at the sub-block should be three or four	This clause is revised as "Average number of GPs to be parented at Sub-block shall normally be around twenty-three (23). In exceptional case, after approval of GFGNL it may allow maximum up to thirty (30) with given due justification."
737	5	26	PIA has to provision Internet Lease line bandwidth at Sub-blocks to carry Gram Panchayats traffic up to State capital i.e. State data center.	Please confirm whether the ILL provisioning at the sub-block whether it is an ILL or DCN needs to be confirmed.	Removed. Please see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
738	9	Annexure: G	Annexure: G List OF GP BharatNet Phase-I and Phase-II	We request you to provide existing details of Phase-I components like Make, Model, Brief description, Installation Location (with Latitude and Longitude), Present working status of installed components (UP/DOWN/FAULTY/Damaged), Warranty details with End of Sell / End of support details.	Please refer updated details in Corrigendum in Annexure-G
739	9	Annexure: G	Annexure: G List OF GP BharatNet Phase-I and Phase-II	We request you to provide existing details of Phase-II components like Make, Model, Brief description, Installation Location (with Latitude and Longitude), Present working status of installed components (UP/DOWN/FAULTY/Damaged), Warranty details with End of Sell / End of support details.	Please refer updated details in Corrigendum in Annexure-G
740	.-	NA	Additional query	Kindly provide Schedule of requirement table including all required active and passive components requirements along with its quantity. This will help GFGNL to get apple to apple comparison for all bidders.	The bid is on EPC model for blending, creativity of private sectors in fiberization, and cost optimization, measurable scientific outcome for simplified payments against numeric level deliverables which are clearly defined in the RFP for faster roll-out linked with timely payment for ease of doing business and high network uptime.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
741	-	NA	Additional query	As there is no BoQ (Bills of Quantity) OR Schedule of requirement OR Bills of Material is given in RFP, We assume that bidder has to provide below <i>new components</i> as per given in technical specification (Section - 10) of RFP. Kindly clarify and if it is not inline then provide details of the same	Please see revision
742	3	3.1	<p>ii) For Equipment's : Experience of Telecommunication equipment installation, commissioning and O&amp;M of at least-</p> <ul style="list-style-type: none"> <li>• 1000 active nodes, if bidding for 1 package,</li> <li>• 2200 active nodes, if bidding for 2 packages,</li> </ul> <p>The active nodes to be considered for this criterion can be include at least, MPLS Routers, RFMS, Layer-3 Switches, Transport equipment(DWDM/PTN(packet and transmission equipments)/OTN/RON/CPANs/OLT of 16 or more ports .</p>	<p>We request you to amend this clause as per below as RFP has requirements of Mini-OLT and L2 (Managed) Switch.</p> <p>Telecommunication equipment installation, commissioning and O&amp;M of at least-</p> <ul style="list-style-type: none"> <li>• 1000 active nodes, if bidding for 1 package,</li> <li>• 2200 active nodes, if bidding for 2 packages,</li> </ul> <p>The active nodes to be considered for this criterion can be include at least, MPLS Routers, RFMS, Layer-3 &amp; Layer- 2 Switches, Transport equipment(DWDM/PTN(packet and transmission equipments)/OTN/RON/CPANs/OLT of 04 or more ports .</p>	Refer corrigendum with Revised Prequalification Criteria Section

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
743	5	5.2(iv)	<p><b>iv. Proposed BharatNet Phase-III Zones on Gujarat Map:</b>  v. PIA shall build Amendment Bharatnet Program (i.e., BharatNet Phase-III) network architecture to provide 1Gbps bandwidth per each Gram Panchayat which shall be scalable to 10Gbps bandwidth per each Gram Panchayat across Gujarat by ensuring to implement OFC route design and network design concepts provided in subsequent RFP sections.</p>	<p>As per the instruction and specification of Router Type-A, Type-B, Type-C, Type-D given in RFP, Creating Block - (8 x GP) - Block Ring using 10G interface - 1G Bandwidth should get on each GP however if required 10G Bandwidth at each GP then either 100G ring is required between GPs OR Individual GPs to be connected to Block router separately. In both case asked hardware &amp; ports are not sufficient We request you to provide updated specification OR amend given clause.</p>	<p>Please refer clause 5.7 (j) reproduced here "Modification in the Ring Architecture to meet increased Bandwidth Requirement: Initially each ring is be designed for 10Gbps with around 6-7 nodes. However, if there is a requirement subsequently to increase the capacity due to increased bandwidth requirement, additional ring shall be created splitting the nodes using spare fibres and spare ports at the Block router. If required, additional Block router may need to be installed at the Block for which separate payment shall be made as per the finalized itemized rates."</p>

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
744	5	26.d	<p>d) The PIA shall build transport architecture in three major distinct categories for connectivity across all Gram-Panchayats of BharatNet Phase-I and Phase-II in ring architecture.</p> <p><b>Category-1:</b> Access Layer (Gram Panchayat to Sub-Block), Access layer connectivity is between Gram-Panchayat to Sub-Block node.</p> <p><b>Category-2:</b> Aggregation Layer (Sub-Block to Master-Block), Aggregation layer connectivity is between Sub-Block to Master-Block (DWDM node).</p> <p><b>Category-3:</b> Express/Core Layer (Master-block to State Data Center), Express/Core Layer connectivity is between Master-Block to State Data Center.</p>	<p>We assume that DWDM Node (Backhaul Transport Network) is not part of this RFP (Tender No. GFGNL/GFG/e - file/263/2025/0006/Phase-III(ABP in Gujarat)) requirement specification and it will be provided by GFGNL.</p> <p>Kindly clarify</p>	Pls see the revision
745	5	26.b	<p>b) A simple schematic of the proposed network architecture is as given below:</p>	<p>As per the given Network Architecture, we assume that</p> <p>1. Backhaul &amp; Connectivity till State Data Center (Along with all required DWDM Nodes) would be provided by GFGNL</p> <p>Kindly clarify</p>	It is in separate RFP. The diagram is for overall understanding of the connectivity model.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
746	5	26.b	b) A simple schematic of the proposed network architecture is as given below:	<p>As per the given Network Architecture, we assume that</p> <p>1. Block Level Equipment Bidder has to provide - Block Router (Aggregation Router)</p> <p>GFGNL will provide required Rack Space &amp; DC Power</p> <p>Kindly clarify</p>	Pls see revision. The physical infrastructure including rack space and power is the responsibility of GFGNL.
747	5	26.b	b) A simple schematic of the proposed network architecture is as given below:	<p>As per the given Network Architecture, we assume that</p> <p>1. Gram Panchayat Level Bidder has to provide below equipments - GP Router As per type-C OR Type-D Specification provided in RFP - Mini OLT - Hybrid UPS with Li-ON Battery - IP-55 Rack</p> <p>Kindly clarify</p>	<p>As per clarification sought, also additional active, passive equipment as per connectivity medium adopted for revenue village connectivity by the bidder will also be part of GP installation.</p> <p>The above is to clarify scope, however considering EPC project, any additional equipment than mentioned (passive/active) require for end deliverables will be in scope of bidder.</p>

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
748	5	26.b	b) A simple schematic of the proposed network architecture is as given below:	As per the given Network Architecture, we assume that  1. Village Level Bidder has to provide below equipments - Layer 2 Switch as per given compliance in RFP  Kindly clarify	Please see revision
749	5	26.l	(i) PIA has to provision Internet Lease line bandwidth at Sub-blocks to carry Gram Panchayats traffic up to State capital i.e. State data center	Is Internet Lease line (Bandwidth) is part of the requirement? If Yes then kindly provide details of Bandwidth requirements in MB/GP per Sub Block to State Data Center.	Removed. Please see revision
750	5	26(o)(c)	<b>c) Service Performance Monitoring (Qualitative Service Visibility):</b> The proposed solution should monitor the cloud-based unified communication and collaboration platforms like MS teams, Webex, Zoom, Google meet etc. of any other defined for their performance monitoring.	We request to remove given clause as given components are not part of the present RFP requirement  Kindly clarify	Service monitoring is not a part of this RFP. The scope of service monitoring and other aspects would be part of separate RFP and the bidder is to extend full support while execution of separate RFP. The offer product and technology solution should not limit the purpose of monitoring multi services and end deliverables.



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
751	5	5.12	5.12 POC(PROOF OF CONCEPT) Bidder & OEM Responsibilities	Kindly clarify that POC (if applicable) will be conducted after bid submission and before Financial Bid Opening OR POC will be conducted only by qualified bidder after Financial bid opening  Kindly clarify	The fiberization design expertise is core essential expectation. This will be assessed at all levels of bid cycle. However, the formal POC as stipulated in the RFP. Pls refer RFP clause - 5.12 iv reproduced here. "The failure during this pilot pocket shall be the good reason for termination of the entire workorder without any scope of negotiation or doubts. The workorder will be given to the next eligible bidder in the sequence to de-risk the government against time."
752	5	5.13	5.13 Operation And Maintenance I. As mentioned in the Factsheet, above, the overall/complete contract duration, including Supply, Installation, Testing, Commissioning, and Maintenance, will last for 10 years. III. The maintenance, as per the service agreement, will continue for 7 years after the complete set up of the network, i.e. after the 100% go-live.	We assume that Bidder /PIA has to provide <b>total 10 Years Support</b> (3 Years - Warranty Period - During Supply Installation, testing and commissioning till Go Live + 7 Years Operation and Maintenance post Go-Live)	Please refer RFP point no. V) Fact Sheet contract duration
753	5	5.13.3 (h)	h) In accordance with the Bid Document, M/s BSNL shall hand over the Existing Network to the PIA for Phase-I, and GFGNL for phase-II through its existing O&M agencies, within a maximum time period defined in this RFP in "good condition" (optical power is in the range -8 dBm to -25 dBm).	We assume that Optical Power given here for OLT/ONT if not then provide the details of Optical Power vs. KM which shall be handed over existing Network by BSNL Kindly clarify	Pls see revision.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
754	5	5.13.5.2	5.13.5.2. SERVER PROVISIONING a) Server (Computing) and Storage for all software applications like NMS along with all other applications such as ERP, Project management tool, web portal mobile, etc. will be provided by GFGNL.	We assume that GFGNL will provide Server, Storage and Network, Virtualization Infra at state Data Center to host application such as Element Management System. Kindly clarify	State NOC is the responsibility of GFGNL and it will be fulfilled on time including all digital tools like NMS, GIS, BSS, OSS etc. The potential bidders in this bid also may like to observe the RFP published on GFGNL website. The PIA/OEM through MAF are responsible to expose API and do necessary exchange of standard parameters to fulfill technology led network governance in the S-NOC. The OEM/PIA is essentially to integrate EMS related aspects in the open interface of unified NMS of GFGNL for the quoted active components. We'll get advance NMS system(network scanning and visibility of key network performance, provisioning and supervising indicators) and OEM/PIA must have to ensure all the qualitative parameters integration without fail. Any failure or unforeseen delay or non-cooperation will result into penalty of Rs. 10 lakh per quarter shall be deducted from the O&M. This deduction will be over and above the penalty cap limit.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
755	5	5.13.5.2	5.13.5.2. SERVER PROVISIONING b)Implementation, configuration and management is under PIA scope of work. Further, loading of the appropriate software (operating system, device drivers, middleware, and applications), appropriately customizing and configuring the system and the software to create or change a boot image for this server, devices including all network elements like router, switches, etc and then change its parameters, such as IP address, IP Gateway to find associated network and storage resources assignment is under PIA scope of work	We assume that GFGNL will provide Server, Storage and Network, Virtualization Infra at state Data Center to host application such as Element Management System.  Bidder has to take care of Operating System, Data Base and Application Licenses  Kindly clarify	Pls see preceding responses

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
756	5	5.13.9	<b>5.13.9 OTHER NETWORK O&amp;M PARAMETERS</b> i) PIA has to ensure to include all types of security measures to ensure the network's integrity and data privacy, such as: - Firewall configuration and management - NDR(Network Detection and Response) Solution - DDI(DNS,DHCP,IP Address) Management - Access control and authentication - Encryption and decryption	We assume that Bidder /PIA has to maintain/ Manage Network Related Security which are provided by GFGNL such as - Firewall configuration and management - NDR(Network Detection and Response) Solution - DDI(DNS,DHCP,IP Address) Management - Access control and authentication - Encryption and decryption  Kindly clarify	The Protocol and security compliance related to the supplied product has to be ensure by the Bidder and OEM as specified DoT/TRAI/GoG/CERT/etc. Thus, offered product /solution must adhere to security norms, prevailing security practices and it should not limit functionality of security activations.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
757	5	5.13.9	<p>5.13.9 OTHER NETWORK O&amp;M PARAMETERS</p> <p>o) Bidder will have to supply license EMS (Element Management System) for each active components like but not limited to radios, router, switch, Li-Fi, Mini-OLT/ONT etc. used in network so that required alarms can be monitored and also remotely monitor to know at least the OFC cut Issue, Power Issue(Utility),Equipment- cold Start, warm Start, link Down, linkUp, authentication Failure, latency, Jitter and Neighbour Loss status related performance parameters, Proactive alarms of each equipment from day-01 of device integration in network and mapped in Bidder's NMS on day-01.</p> <p>s) Existing GFGNL NMS (NMSWorks) will support interfaces such as SNMP/JAVA/CORBA/XML/REST API. Selected PIA needs to integrate all EMS with existing NMS of GFGNL only and no need to develop new NMS.</p>	<p>As per Sr. No. O, It has mentioned bidder's NMS where Sr. No. S, It has mentioned that GFGNL will provide existing NMS for integration.</p> <p>Kindly clarify that bidder has to supply NMS (Network Management System)? If yes then also provide Element count need to consider along with users licenses.</p>	Pls see preceding responses

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
758	5	5.13.12	5.13.12 RESOURCE REQUIREMENT FOR FIELD OPERATIONS Sr. No 3, 1 (Level), Technical Assistant (Designation), 1 at each OLT (Qty)	<p>1 x Technical Assistant (at each GP Location) is not proper we request you to provide Exact count required for Technical assistant for OLTs. Kindly Clarify.</p> <p>Request Tenderer to revalidate the nos of TA asked in the BID. There are 14654 GPs and if have to put TA at each GP then in that case nos are huge. We understand that this is an typo error and instead of GP TA's are required to be placed at Block/Sub-block level. Kindly confirm</p>	Pls see revision. Technical Assistant - 1 at each Sub-block or Master Block
759	8	.-	FINANCIAL BID FORMAT	<p>As per FINANCIAL BID FORMAT (Both Package-A and Package-B) there is no any OFC types vs count has provided. This is very huge Quantity and asked as supply, Installation, testing and commissioning.</p> <p>We request you to provide each types of Fiber count to be considered in KMs Package wise</p>	Pls see preceding responses

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
760	10	2	<p>2. Detailed Technical Specifications of following Network components are mentioned in Annexure-B</p> <p>I. Network  II. Routers  III. eMS of Routers  IV. DWDM transport nodes  V. RFMS  VI. Rack at Block and GP  VII. UPS at GP  VIII. Telecom grade Shelter (New) and Upgradation of existing shelters  IX. Unlicensed Band Radio (UBR)  X. Free Space Optics (FSO) / Light fidelity (Li-Fi)</p>	<p>As per detailed specification provided in the bid document-</p> <p>IV DWDM Transport Node &amp; VIII. Telecom grade Shelter (New) and Upgradation of existing shelters specification is not given. Further as per the SoW it is understood that bidder is not required to provide these items either. Kindly confirm and provide clarity.</p> <p>We request you to remove given clause.</p>	<p>We will publish separate RFP's for the mentioned ask. The Potential bidders may like to observe that also for understanding overall perspective in totality.</p>
761	10	Annexure A	<p>Annexure A: TECHNICAL SPECIFICATIONS</p> <p>TEC-GR Standards list:</p>	<p>We assume that bidder has to provide TEC-GR complied product as per given table and not required to provide TSEC (If Bidder has to provide TSEC then provide the list of the items which TSEC are required)</p> <p>Kindly confirm</p>	<p>As per RFP</p>

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
762	10	Annexure B(IV)	IV. Technical Specifications for Routers  Sr. No. 12 (Security Features) - Minimum Specifications for IP-MPLS at GP Router Router should support Control-plane and management plane protection, Authentication, Authorization, and Accounting (AAA), RADIUS, Terminal Access Controller Access-Control System Plus (TACACS+), Secure Shell (SSH), Layer 2 and Layer 3 ingress Firewall filters (ACL), Unicast Reverse Path Forwarding (Unicast RPF)	As GP Routers are asked 1RU (Pizza Box type) where there would not be having Control and Management Plane protection so request you to amend this clause as per below  Sr. No. 12 (Security Features) - Minimum Specifications for IP-MPLS at GP Router Router should support <del>Control-plane and management plane protection</del> , Authentication, Authorization, and Accounting (AAA), RADIUS, Terminal Access Controller Access-Control System Plus (TACACS+), Secure Shell (SSH), Layer 2 and Layer 3 ingress Firewall filters (ACL), Unicast Reverse Path Forwarding (Unicast RPF)	Please see revision
763	10	Annexure B(V)	V. Technical Specifications for EMS of Routers 9 Notifications and Alerts Configurable alerts via SMS, email, and push notifications for critical events, with escalation mechanisms.	We assume that bidder has to provide eMS alerts which can be capable to integrate with external SMS, email (Provided by GFGNL if required)  Kindly clarify	EMS alerts should be capable of integrating with GFGNL's external SMS and email facilities.
764	10	Annexure B(V)	V. Technical Specifications for EMS of Routers 11 System Requirements Server Specs: Minimum: 4-core CPU, 16 GB RAM, 500 GB SSD. Recommended: 8-core CPU, 32 GB RAM, 1 TB SSD	As per RFP Pg. 167, GFGNL will provide Server, Storage and Networking infra at State Data Center so we request you to remove given clause  Kindly clarify	The IT and Non-IT infrastructure for hosting EMS is the responsibility of GFGNL. The compute (VM) and storage of S-NOC will be provided by the GFGNL. The EMS and associated software including OS, RDBMS and other licenses in the name of GFGNL are in the



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
					scope of bidder without any additional cost to GFGNL.
765	10	Annexure B(VII)	VII. Technical Specifications For ONT(Optical Network Terminal) manageable Sr. No 5,6,7 (Others)Support SNMP V3, Remote management, OMCI, TR69 should have facility to set password for local & remote login, ITU-T G.984.1/2/3/4, 32 Tcont,128 Gemport, Support FEC (Forward Error Correction) downstream and upstream, support SBA/DBA	We assume that ONT should support TR-069 features however bidder/PIA has not to supply TR-069 Server application (CPE WAN Management Protocol (CWMP))	The device should support remote firmware upgradation (TR-069) It is the bidder / OEM responsibility to provide integration of the equipment with GFGNL NMS.
766	10	Annexure B(X)	X. Minimum Technical specifications for Uninterrupted Power Supply (UPS) System at GP 3 Backup time Minimum 6 Hrs with Full load Pg. No. 280 (TEC-GR List) TEC GR Standard No.: TEC 67030:2016 with latest amendments if any a. Lithium Ion Battery of 2400 VAH to be used.	Two different statements are given for UPS Power Backup. Kindly clarify bidder has to supply 2400 VAH Battery OR 6 Hrs Backup time with full load.  Kindly clarify.	Please see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
767	10	Annexure B(X)	X. Minimum Technical specifications for Uninterrupted Power Supply (UPS) System at GP	<p>We assume that Solar is not asked for Power Backup solution so it is not to be considered by bidder</p> <p>Kindly clarify and if required, provide required specification along with quantity required for the same</p>	Please see revision
768	10	Annexure E(1.4)	<p>1.4 Project Monitoring (RFP Pg. 425)</p> <ul style="list-style-type: none"> <li>PIA shall provide necessary inputs regarding the progress and status of the project implementation in the Project Monitoring tool to be deployed by GFGNL. This input is crucial for creating and overseeing project schedules, milestones tracking, and monitoring of timelines within the project. The detailed requirements are given in clause no. 3 below</li> </ul> <p>3. Functional requirements for PM tool (RFP Pg. 435)</p>	<p>We assume that <i>"Project Monitoring (PM) tool will be provided by GFGNL and PIA/Bidder has to upload required updated for project status periodically"</i> as RFP Page no. 425 it indicates that Project Monitoring tool will be provided by GFGNL and at page no. 435 Functional requirement of PM tool is given</p> <p>Kindly clarify</p>	Yes, Interpretation is correct

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
769	10	5.13.9	<p>5.13.9 OTHER NETWORK O&amp;M PARAMETERS</p> <p>j) Existing GP Powerbackup/UPS having 1 KVA capacity with 2 hours back up, Bidder needs to upgrade it to achieve atleast minimum 8 Hours of Back up. This refresh needs to be done during the first quarter of the project only. The Uninterruptible Power Supply (UPS) should have the inbuilt functionality as a stabilizer. Further, if any issues arises such as the phase and neutral wires shorting out or any damage caused by voltage fluctuations, it will be the responsibility of the Project Implementing Agency (PIA) to handle it. This is to manage the uptime and ensure the network remains operational in power/electricity issues. Additionally, any need for extra wiring or other similar tasks will also fall under the scope and responsibility of the PIA.</p> <p>Page- 300 (Hybrid UPS Specification)</p> <p>UPS has asked 500W along with 6 Hours / 2400VAH battery backup</p>	<p>We assume that Bidder has to use same existing 1 KVA UPS with 8 Hours of Battery backup for entire contract period and not required to supply new HUPS?</p> <p>OR</p> <p>Bidder has to replace with new HUPS as per specification along with given battery backup in technical specification</p> <p>Kindly clarify</p>	Please see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
770	10	5.13.9	<p>5.13.9 OTHER NETWORK O&amp;M PARAMETERS</p> <p>j) Existing GP Powerbackup/UPS having 1 KVA capacity with 2 hours back up, Bidder needs to upgrade it to achieve atleast minimum 8 Hours of Back up. This refresh needs to be done during the first quarter of the project only. The Uninterruptible Power Supply (UPS) should have the inbuilt functionality as a stabilizer. Further, if any issues arises such as the phase and neutral wires shorting out or any damage caused by voltage fluctuations, it will be the responsibility of the Project Implementing Agency (PIA) to handle it. This is to manage the uptime and ensure the network remains operational in power/electricity issues. Additionally, any need for extra wiring or other similar tasks will also fall under the scope and responsibility of the PIA.</p> <p>Page- 300 (Hybrid UPS Specification)</p> <p>UPS has asked 500W along with 6 Hours / 2400VAH battery backup</p>	<p>As there is a HUPS compliance (Pg. 300) along with desire battery backup we request you to remove clause as per below and confirm.</p> <p><del>j) Existing GP Powerbackup/UPS having 1 KVA capacity with 2 hours back up, Bidder needs to upgrade it to achieve atleast minimum 8 Hours of Back up. This refresh needs to be done during the first quarter of the project only</del></p>	Please see revision.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
771	10	Annexure B(X)	X. Minimum Technical specifications for Uninterrupted Power Supply (UPS) System at GP Sr. No. 1 Type Online , TEC GR 66160:2024 or latest updates (Release in June 2024)	As per mentioned TEC_GR 66160:2024, It has asked Hybrid UPS instead of Online. Kindly amend the same accordingly.	Please see revision
772	10	Annexure B(X)	X. Minimum Technical specifications for Uninterrupted Power Supply (UPS) System at GP Sr. No. 1 Type Online , TEC GR 66160:2024 or latest updates (Release in June 2024)	As per TEC-GR Table provided at page no. 282, UPS TEC-GR is mentioned TEC 66140:2019 with latest amendments, if any where as per Technical specification it has asked TEC GR 66160:2024  Kindly clarify which TEC-GR we have to consider?	Please see revision
773	10	Annexure B(X)	X. Minimum Technical specifications for Uninterrupted Power Supply (UPS) System at GP Sr. No. 21 Certification ISO,BIS,UL,CE,VE	Kindly describe regarding VE certification requirement. Also we request you to specify which ISO certification needs to provide?	Please see revision
774	10	Annexure B(XII)	XIII. Rack at GP Locations	Kindly provide specification for Block Racks. OR Bidder should use same specification for Block Rack  Kindly clarify.	Please see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
775	5	5.8 (a)	<p>In HDD work description following videography to be done</p> <p>Social auditing: While carrying out the execution work of cable/Eqpt. , videography may becarried out on sample basis for duration of 15 to 30 minutes per Gram Panchayat which may also involve the local people of the Gram Panchayats and villages including the Gram Panchayat Pradhan (If possible) and same may be submitted in a form of CD along with the documentation sets for information.</p>	<p>We understand that the storage required to store the videos will be provided by GFGNL. Plesae confirm</p>	<p>Yes, Interpretation is correct</p>

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
776	5	5.13.1 (C)	<p>GFGNL has already installed Copper/electric SFP at Shelter, L2 switches at GP in BharatNet Phase-II network, selected PIA will be solely responsible to recover and migrate on suitable locations with an approval from the GFGNL. Selected PIA will be responsible to maintain the inventory and share to GFGNL as and when asked. GFGNL has the rights to utilize this inventory for any other project also if required, selected bidder will be responsible to get the AMC for those inventories for entire contract duration.</p>	<p>We understand that the components along with spares will be handed over to the PIA as part of HOTO process. Please confirm</p>	<p>Assets transfer is part of the HOTO process.</p>
777	5	5.13.1 (J)	<p>From the project start in O&amp;M phase to first two years in O&amp;M of newly laid network there will be no claim accepted by GFGNL for fibre loss or rectifications except road widening and cases out of control from the bidder.</p>	<p>For better understanding, request you to provide more details on this.</p>	<p>In O&amp;M phase, during first two years there will be no claim accepted by GFGNL for lossy fibre or rectifications in newly laid network except for OFC damages due to road widening, Utility work, or cases out of control of the bidder, refer 5.13.8 corrective maintenance. The bidder to submit valid justification for out-of-control situation along with mentioning efforts taken to safeguard cable.</p>

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
778	10	4(II)		Which fiber type required for underground cables '48F/96F Ribbon Armoured OFC'? Kindly confirm exact requirement, is it G.652D Fiber or G.657A1 Fiber?	As per RFP
779	10	4(III)	III. Technical Specifications for FDMS  FDMS (Outdoor) TEC	As per our understanding - the type Rack Mount with details on Connector type, Material and compliance is applicable for FDMS (Indoor) and not for FDMS (Outdoor). Kindly confirm	Please see revision



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
780	3	3.1(4)	<p><b>Experience</b></p> <p>The Sole or lead bidder in case of consortium should have demonstrable experience with following:</p> <p><b>i) For Optical Fibre:</b> The Bidder should have experience of Laying, Installation, Testing and Commissioning of EPC Based Optical Fibre Cable (Underground), Duct and accessories as mentioned below in last 10 Years, as on this bid submission date:  One Package: 8,000 Kms  <b>Two Package: 15,000 Kms</b></p> <ul style="list-style-type: none"> <li>• In case the bidder desires to bid for both packages then the bidder must have experience of <b>10,300 Kms</b>, in Laying, Installation, Testing and Commissioning of Optical Fibre Cable (Underground), Duct and accessories in last 10 Years as on bid submission date.</li> <li>• The EPC OFC Construction project execution shall consist of both Supply and Construction of OFC Network.</li> </ul>	<p>Please confirm the exact experience requirement {of Laying, Installation, Testing and Commissioning of EPC Based Optical Fibre Cable (Underground), Duct and accessories} a sole bidder need to comply for participating in both the packages i.e. either <b>10,300 Kms</b> or <b>15,000 Kms</b></p> <p>Please confirm and amend the clause accordingly.</p>	Refer corrigendum with Revised Prequalification Criteria Section

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
781	3	3.1(6) & Note I (II) & (VIII)	<p><b>MAF</b></p> <p>6.1 The Sole Bidder or lead Bidder (in case of consortium should submit valid letter from each of the OEM (one and only one OEM for each component) - confirming the following: OEM shall ensure that all</p>	<p>As per Note I Sr. No. II (Page no. 39) In case of any bidder is quoting the active equipment from multiple OEMs in such case the bidder shall ensure that all quoted equipment should meet the Interoperability requirement for smooth network operations.</p> <p>and</p> <p>Sr. No. VIII (Page no. 40) In case of any bidder is quoting the active equipment from multiple OEMs (as per above), in such case the bidder shall ensure that all quoted equipment should meet the Interoperability requirement for smooth network operations. There shall be no exclusion/relaxation in SLA/ penalties on this account.</p> <p>We understand that multiple OEM are allowed, please confirm.</p>	<p>Duplicate with Query, Kindly refer the answer in Query (155) and Revised Clause Annexure</p>

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
782	3	Note 2(2)	Only One Consortium is allowed. Consortium shall be not exceed more than two(2) including the lead bidder. And it should be any of the active component's OEM till the entire contract duration and act as a key knowledge partner.	Please modify the caluse as under:  Only One Consortium is allowed. Consortium shall be not exceed more than two(2) including the lead bidder. And it should be any of the <b>active/passive</b> component's OEM till the entire contract duration and act as a key knowledge partner.	Duplicate with Query, Kindly refer the answer in Query (159)
783	9	9.19	Demand Draft/ Bankers cheque in favour of GFGNL, drawn on any nationalized / scheduled bank and payable at <b>New Delhi</b> , submitted towards tender fee/ cost of the tender documents.	We understand that the term "New Delhi" is printed by mistake.  Request you to revise the condition with correct statement.	Thanks for highlighting, it is updated, please refer corrigendum with revised clause
784	2	2.1.1(h)	The ability to access broadband-enabled services provides opportunities to empower digitally marginalized rural citizens; changing the way they learn, communicate, and manage their livelihoods and access health, financial, and government services.	Need clarity whether the FTTH Customers (if any) linked with Phase 1 and Phase2 will be transferred to incumbent PIA or not?	Already responded above.
785	2	2.1.2(k)	High-level existing network topology is as below, Table/Diagram-02	As per diagram we understand 20 GP per OLT are there in Phase 2. But this is not the case in Phase 1. Please confirm whether new OLT/Router to be designed? If yes, please what would be the locations where these additional OLT/Routers to be fixed.	Please refer the Corrigendum with updated annexure for site details further with existing fibre design principle criteria.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
786	2	2.2©	<p>C) Approach to achieve the objectives With the envisage objective of digitization, the approach is bifurcated in below three major categories.</p> <p>Part – I: Acquisition and upgradation of BharatNet Phase-I network along with integration to Phase-II Network and Operation &amp; Maintenance of existing Phase-I BharatNet</p> <p>Part – II: To upgrade BharatNet Phase – II Network with IP – MPLS technology and Operation &amp; Maintenance of existing Phase-II BharatNet</p> <p>Part – III: Connectivity to balance ≈4400 villages of Gujarat</p>	<p>For more clarity, please clarify the following -</p> <p>Q1) What would be O&amp;M charges payable for intermittent period during acquisition phase?</p> <p>Q2) Is there any SOP or pre-conditions fixed for acquisition of block/GP/District?</p>	Refer the answer mentioned in query-478
787	3	3.2(7)	<p>Minimum Up-time including power protection: Minimum of 98.5 % at GP is having 7 marks, Each increase in 0.5%, 1 marks will be awarded up to maximum of 10 marks</p> <p>Mean time to restore (MTTR) : 4 hrs : 2 marks, ≤ 4 hrs : additional 1 marks for each reduction in MTTR in slot of 15 min up to max 5 marks</p>	Please confirm whether MTTR refers here is for restoration of ring or restoration of GP.	Bidder has to understand the parameter, it is based on the section. And hence no change in RFP.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
788	General	NA	Regarding Agency for QA /Factory QA	Please give name of Authority who will conduct the QA testing, Factory QA etc. Please confirm whether it will be BSNL, IE or any third party.	GFGNL / BSNL reserves the right to onboard Agency for QA/Factory QA. GFGNL will intimate agency details to onboarded bidder.
789	Annexure B	4-IV-1 Page 286	Compliance - TEC/GR 48050:2024 Standard with latest amendments if any or	As per amended BharatNet Tender, the GP & Block Routers should comply to TEC GR 48050:2024 Category XV. All routers being in Aggregation category, we understand same is applicable here as well.	Repeat query
790	Annexure B	4-IV-4 Page 287	For Switching capacity >=300Gbps - 3 ports of 100G (Pluggable will be in scope of bidder as per solution design),	For a router with 300Gbps backplane, 3 ports of 100G will consume full capacity on uplink with no bandwidth for downlink ports. We request you to modify the clause to " <b>2 ports of 100G</b> (Pluggable will be in scope of bidder as per solution design)" instead of 3 ports of 100G.	Repeat query
791	Annexure B	4-IV-9 Page 288	Space requirement for Block Router -2RU (Rack Unit)	We understand that this is the Maximum space requirement for Block Router. Bidder can propose 1RU router also. Kindly modify the clause to " <b>Maximum 2RU (Rack Unit)</b> "	Repeat query
792	Annexure B	VIII Page 297	TEC GR Standard No.: TEC 48060:2023, with latest amendments if any or NDPP certified	AS per Latest DPIT Guideline, certification against TEC GR is not mandatory only Compliance to be provided however TEC GR certification is required we request you kindly allow Form B at the time of bid submission.	Please see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
793	Annexure B	VIII(2) Page 297	<p>For 24 Port Switch: 24 ports of 10/100/1000 BaseT (out of 24 ports, 4 ports should be PoE supported with PoE power support of minimum 80W) and 2 Uplink ports of 1GE (10/100/1000Mbps) with RJ45 without SFP and with sperate optical SFP</p> <p>For 8 Port Switch : 8 PoE ports of 10/100/1000 BaseT with PoE power support of minimum 60W</p>	<p>Asked PoE Budget is not as per PoE standards. We request you to amend the PoE budget to 370 W in 24 port switch where all the Port should have minimum 802.3af Standard power budget and 8 Port PoE Budget to 124 W.</p>	Please see revision
794	Annexure B	XI - Ports Page 301	<p>2 x 100/1000BaseT Ethernet electrical port or 1 GE SFP optical ports (1310nm, all with auto-negotiation, 5 Km range SFPs) shall be provided for FO.</p>	<p>UBR is a Layer-2 Bridge device and there is no use of two interfaces on the device. So request to amend clause as: "<b>1 x 100/1000BaseT Ethernet electrical port or 1 GE SFP optical ports (1310nm, all with auto-negotiation, 5 Km range SFPs) shall be provided for FO</b>".</p> <p>Or alternatively please allow asked two ports on POE adapter. (BSNL Tender for 5.x UBR with corrigendum asked same specification as recommended by us in amended clause)</p>	Please see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
795	Annexure B	XI - Compliance Page 302	Conforms to TEC specifications TEC/GR/R/ISM-MOD-001/04 (March 2016)	As per <b>Annexure A: TECHNICAL SPECIFICATIONS, S.No. 26 Radio Modem in ISM band for UBR, Page - 282</b> , TEC GR Standard No.: TEC 38050:2023, with latest amendment is asked. However in Unlicensed Band Radio spec, Old GR No. is mentioned. So request to amend to latest TEC GR " <b>TEC 38050:2023</b> "	Please see preceding response.
796	Annexure B	XI - Upgrade and Maintenance Page 303	Software/hardware upgrades without service disruption	As reboot is required after software upgrade, for new software to become active in the software bank, the process requires downtime.  Request to amend clause as: " <b>New firmware download in radio should not affect traffic except the reboot time</b> ". <i>(BSNL Tender for 5.x UBR with corrigendum asked same specification as recommended by us in amended clause)</i>	Please see preceding response.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
797	Annexure B	XI - EMS System Page 303	Internal and external alarms	<p>Please clarify on external alarms that need to be sent to EMS system. As per our understanding, internal alarms means alarms related to device parameters. Kindly elaborate on external alarm parameters.</p> <p>Request to amend clause as: <b><i>"The supplied UBR equipment shall extend all requisite alarm including high temperature to the EMS."</i></b>  <i>(BSNL Tender for 5.x UBR with corrigendum asked same specification as recommended by us in amended clause)</i></p>	Please see revision
798	Section 3	Page 32 point number 2	Company Turnover - In Case Of Consortium	Relax the criteria for turn over for consortium partner to 200 cr for 3 financial years for both the packages	Refer corrigendum with Revised Prequalification Criteria Section
799	Section 3.2	Page 47 Experience capability point 1	In Case Of Consortium	Relax the criteria to 200 cr for consortium partner.	Refer corrigendum with Revised Prequalification Criteria Section



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
800	4 INSTR UCTIO NS TO BIDDE RS	Pg No. 94/ 4.67 SELECTION CRITERIA & ALLOTMEN T OF WORK	Rate Matching In Between Packages: The packages will be different geography, terrain, Social economic conditions and associated ground conditions and hence the rates quoted in one package will not be comparable with other package/s rates. Therefore, to reduce complexities and procedural issues the rate comparing activity may not be of high relevance at here.	Rate matching between the two packages is not possible or feasible, as both packages have different geography, terrain, and network design. Therefore, the rate matching criteria will not be applicable. Please confirm	As per the RFP Clause

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
801	5 SCOPE OF WORK	Pg No. 129/ 5.7 ELECTRONICS INSTALLATION	i) Provisioning Mini OLTs: PIA shall require to be installed Mini OLT at each GP for existing and upcoming connectivity from GP. The PIA is required to make provision for housing the same in the rack (cabinet) being provided by it as per technical specifications. Normally, the size of the Mini OLT is 1 RU. The PIA shall allow the power to the OLT to be tapped from the Power System being procured at the GP location. The PIA will also facilitate testing by the BNU's, whenever required, to ensure desired connectivity/uptime to all the FTTH customers of the housed OLT. The PIA shall supply, configure, and integrate the Mini OLTs with the MPLS network for last mile connectivity. Selected bidder has to ensure the proposed mini-OLT should support atleast three(3) / Four (4) compatible ONT's for future network provisioning and avoid governance challenges.	We understand that a Mini OLT is to be installed at each GP on Day One, and 3 to 4 ONT's should be compatible with the proposed OLT as per CDOT/BSNL/BBNL Approved Guideline. Please confirm.	The proposed mini-OLT should support atleast three (3) / Four (4) compatible ONT's for future network provisioning and avoid governance challenges. The purpose is within the overall framework of DBN.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
802	5 SCOPE OF WORK	Pg No. 130/ 5.7 ELECTRONICS INSTALLATION	k) For the Phase-I(At GP site) connectivity adding of L2 switch(minimum 24 port)/Mini OLT will be in the scope of selected bidder based on the concurrence of the GFGNL official.	We understand that in Phase-I (at the GP site), an L2 switch is not required. Only the Mini OLT will be in the bidder's scope, and it will be integrated with the IP-MPLS GP router. Please confirm	Yes, as per clarification sought
803	5 SCOPE OF WORK	Pg No. 130/ 5.7 ELECTRONICS INSTALLATION	l) PIA shall provision the bandwidth for the services mentioned in this document. The PIA shall also build up the dark fibre on end-to-end basis for provisioning the same for commercial use or providing village connectivity. To make dark fibre availability in BharatNet ABP network no additional cost will be paid to PIA.	We understand that bandwidth provisioning and extension through ABP (village connectivity) will follow the newly explored process for the main RFP. The bidder must extend last-mile connectivity as per the RFP guidelines for both bandwidth delivery and dark fiber. Kindly clarify the additional charges, if any, to be provided by GFGNL, as well as any operational payout for dark fiber	As per RFP. Service provisioning, dark fiber readiness, customer delivery etc are in the scope of bidder and hence no additional payout is provisioned for the same.
804	5 SCOPE OF WORK	Pg No. 131/ 5.8 VIDEOGRAPHY	2) All Videos/ Photographs (geo tagged with time stamp) shall be submitted /uploaded with a unique location related name in a folder with file descriptions clearly indicating each of the above activities like Ducting, Blowing, Splicing, MH/CC & RM.	We understand that the GIS application and server storage will be provided by GFGNL. Please confirm	For field activities, GFGNL will support with GIS mobile application, It may have facility to create template. PIA executives shall furnish and support the template with the details asked and upload on applications with 100% accuracy.  Updated: For field activities, GFGNL will provide GIS mobile application and server storage space to store all digital artifacts captured by PIA on field. Further, PIA team need to support to GIS team to finalize the template and related process to achieve 100% accuracy in the digital collection of artifacts

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
					require by the tenderer in this RFP in all sections.
805	5 SCOPE OF WORK	Pg No. 132/ 5.8 VIDEOGRA PHY	a. In HDD work description following videography to be done. I. Social auditing: While carrying out the execution work of cable/Eqpt. , videography may be carried out on sample basis for duration of 15 to 30 minutes per Gram Panchayat which may also involve the local people of the Gram Panchayats and villages including the Gram Panchayat Pradhan (If possible) and same may be submitted in a form of CD along with the documentation sets for information.	We understand that the GIS application and server storage will be provided by GFGNL. Please confirm	Pl see Revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
806	5 SCOPE OF WORK	Pg No. 133/ 5.10 LAST MILE CONNECTI VITY TO THE VILLAGES	The PIA shall provide the Last Mile Connectivity to the Village from the nearest GP for provisioning of Revenue Villages by GFGNL at the quoted/ finalized price. The rates to be quoted shall include both CAPEX and OPEX charges separately.	We understand that last-mile connectivity for Revenue Villages will be based on the feasibility of Aerial, UBR, Li-Fi, etc., as per the guidelines. Additionally, CAPEX and OPEX will be considered separately. Please confirm	Please refer RFP section 8 financial bid format
807	5 SCOPE OF WORK	Pg No. 134/ 5.10 LAST MILE CONNECTI VITY TO THE VILLAGES	iv. Wherever, such electricity poles are not available/used, the PIA is required to erect wooden/ G.I. poles at the required intervals so that the OFC withstands normal climatic disturbances.	We understand that GFGNL will extend support to DISCOM for utilizing existing electricity poles. In sections where poles are unavailable, the bidder will be responsible for installing suitable poles. The charges for DISCOM poles, rental fees, and Right of Way (RoW) costs for new poles will fall under GFGNL's purview. Please confirm	As per RFP clause 5.3.18 (Page no-111) and 5.11 Right of Way (Page no:135-136)

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
808	5 SCOPE OF WORK	Pg No. 135/ 5.10 LAST MILE CONNECTI VITY TO THE VILLAGES	xi. Wherever the existing electricity poles are not available; the PIA shall erect a 7 Meter RCC pole. Payment of the quoted/ finalized price, shall be made for such RCC Poles, including supply, installation and O&M for the entire contract period, on uploading of the Photos/video as per specifications. The PIA shall have to replace such poles damaged for any reason whatsoever during the contract period without any additional cost to GFGNL.	We understand that GFGNL will extend support to DISCOM for utilizing existing electricity poles. In sections where poles are unavailable, the bidder will be responsible for installing suitable poles. The charges for DISCOM poles, rental fees, and Right of Way (RoW) costs for new poles will fall under GFGNL's purview. Please confirm	Please see preceding response

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
809	5 SCOPE OF WORK	Pg No. 139/ 5.13 Operation And Maintenance	VII. A block network will only be considered active (100% go-live) when all GPs will be operational on MPLS network at last mile.  d. Arrangement of D.G. (Diesel generators) set, which are essential for providing reliable backup power to BharatNet infrastructure such as Shelter sites, any critical nodes, etc. will be in PIA scope for O&M to maintain the SLA.	A) We request you to review and reduce the number of GP achievement milestones. Currently, a block network is considered 100% go-live only when all GPs are operational on the MPLS network with last-mile connectivity. Given the large scale of the network and associated challenges, we request you to consider 90% of GPs as the threshold, with the remaining being accounted for on a pro-rata basis based on the balance GP lit-up D) We understand that DG backup is essential; however, the minimum requirements should align with the RFP. Since power backup is already available at the site for up to six hours, a Mobile DG should be arranged only if power is not restored within four hours. Additionally, the Mobile DG running cost should be considered separately, based on the standard fuel consumption rate per hour during a power outage. These costs will be extra per hour and applicable only to major HUB site locations. The list of such locations will be shared by GFGNL with the L1 bidder as per the execution plan. Please confirm	A) As per RFP and already partial go live is being considered to address this query (6.2.1, page-195)  D) As per RFP

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
810	5 SCOPE OF WORK	Pg No. 141/ 5.13 Operation And Maintenance, 5.13.1 INFRASTRUCTURE	c) GFGNL has already installed Copper/electric SFP at Shelter, L2 switches at GP in BharatNet Phase-II network, selected PIA will be solely responsible to recover and migrate on suitable locations with an approval from the GFGNL. Selected PIA will be responsible to maintain the inventory and share to GFGNL as and when asked. GFGNL has the rights to utilize this inventory for any other project also if required, selected bidder will be responsible to get the AMC for those inventories for entire contract duration.	Please share the GFGNL inventory details, including OEM information and the warranty period. Additionally, kindly confirm whether AMC charges will be applicable separately for the existing inventory.	We have already provided all GP list with LGD code and asset details. We have given you 15 days time for survey on Page No.153 note i. Further, we advised to send authorized person for site visit. In case, any network confidential information is required, Please send your authorized person with NDA for better know-how.
811	5 SCOPE OF WORK	Pg No.142/ 5.13 Operation And Maintenance, 5.13.1 INFRASTRUCTURE	j) From the project start in O&M phase to first two years in O&M of newly laid network there will be no claim accepted by GFGNL for fibre loss or rectifications except road widening and cases out of control from the bidder.	Will these clauses apply only to the newly built network, or will they also be applicable to the existing handed-over networks from Phase 1 and Phase 2 (Package A and B)? Please clarify. Additionally, if fiber damage occurs within six months of handover due to road expansion, water pipeline, gas pipeline, or drainage line work, how will GFGNL address this scenario? Please confirm the process for the PIA to claim and restore the network and clarify whether the restoration will be chargeable.	Revised clause required as below:  "j) From the start in O&M phase (from 100% go live) to first two years in O&M of newly laid network there will be no claim accepted by GFGNL for fibre loss or rectifications except road widening and force majeure situation"



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
812	5 SCOPE OF WORK	Pg No.143/ 5.13 Operation And Maintenance, 5.13.1 INFRASTRUCTURE	o)Infrastructure developed through any authorized third party of GFGNL for BharatNet Phase- III ,like backhaul /network upgradation, power backup- utility upgradation will be managed by the selected bidder without any additional cost to GFGNL. In Summary, In case, if any other type of electronics equipment (to be installed at centralized as well as field locations) will be procured for this Network in future through separate tender, the selected PIAs will be responsible to perform O&M of those devices.	We understand that GFGNL will facilitate knowledge transfer from the respective OEM, along with providing spares and R&R support for all electronic equipment transferred to the bidder. The bidder will be responsible only for field support and L1 support. Please confirm	As per clarification sought
813	5 SCOPE OF WORK	Pg No.154/ 5.13 Operation And Maintenance, 5.13.1 INFRASTRUCTURE,5.13 .1.2 INFRASTRUCTURE HANDOVER TAKEOVER	a) For Phase-I II. The Network shall be made over Block wise with the GPs whose optical power is -25 dB or better at the GP end ONT. The same shall be ensured by the BSNL PIA of BharatNet Phase-I. The details of the equipment i.e. ONT,Solar, CCU, Battery (with replacement Date), Solar Panel, Enclosure, Earthing, and Splitter etc. will also be provided to the selected bidder.	Please note that fiber health will be monitored between End A and End B, subject to length versus fiber losses. Additionally, kindly confirm whether this applies to all cores or only a single core. Furthermore, please review and confirm the handover process applicable for all cable cores based on cable capacity, ABD, chamber location, BJC location, and end-to-end fiber continuity between End A and End B, along with per-kilometer fiber loss calculations	Refer baseline and bestline criteria

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
814	5 SCOPE OF WORK	Pg No.155/ 5.13 Operation And Maintenance, 5.13.1 INFRASTRUCTURE,5.13 .1.2 INFRASTRUCTURE HANDOVER TAKEOVER	a) For Phase-I a) BHQ & POI End Equipment: II. After transfer of network to the new equipment, the PIA shall make over the OLT to GFGNL.	Can the PIA propose a new BHQ location based on the revised planning, or must it be managed within the existing BHQ/POI location? Additionally, please confirm whether GFGNL will be responsible for providing space, power infrastructure, and suitable environmental conditions (including rack, power, space, earthing, and air conditioning) at the BHQ location for electronic equipment	Already responded
815	5 SCOPE OF WORK	Pg No.155/ 5.13 Operation And Maintenance, 5.13.1 INFRASTRUCTURE,5.13 .1.2 INFRASTRUCTURE HANDOVER TAKEOVER	a) For Phase-I b) OFC Network II. In the case of non-support from the Phase-I existing PIA, Selected PIA will be solely responsible to collect, analyze, correct and submit HLD and LLD of network based on the milestone designed in this RFP section 5.9.2.1(A1) with submission of ABD(as-built drawings), LSPM and OTDR report with time stamp including the survey input mentioned in Table-0. with all valid documentations.	As we understand, a new ABD and GIS update is required for handing over the Phase 1 OSP network as per the newly proposed network and ring structure. Please confirm. Additionally, please confirm whether GFGNL/BSNL will provide the existing NW/PMA/FMA and O&M data during the network handover	We have already provided all GP list with LGD code and asset details. We have given you 15 days time for survey on Page No.153 note i. Further, we advised to send authorized person for site visit. In case, any network confidential information is required, Please send your authorized person with NDA for better know-how.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
816	5 SCOPE OF WORK	Pg No.158/ 5.13 Operation And Maintenance, 5.13.3 HAND- OVER/TAKE -OVER EXISTING OPERATIO N( APPLICABL E FOR PHASE-I & PHASE-II NETWORK)	h) In accordance with the Bid Document, M/s BSNL shall hand over the Existing Network to the PIA for Phase-I, and GFGNL for phase-II through its existing O&M agencies, within a maximum time period defined in this RFP in "good condition" (optical power is in the range -8 dBm to -25 dBm).	Please note that fiber health will be monitored between End A and End B, considering length versus fiber losses. Additionally, kindly confirm whether this applies to all cores or only a single core. Furthermore, please review and confirm the handover process applicable for all cable cores, considering cable capacity, ABD, chamber location, BJC location, and end-to-end fiber continuity between End A and End B, along with per-kilometer fiber loss calculations	Refer baseline and bestline criteria
817	5 SCOPE OF WORK	Pg No.164/ 5.13 Operation And Maintenance, 5.13.3 HAND- OVER/TAKE -OVER EXISTING OPERATIO N( APPLICABL E FOR PHASE-I & PHASE-II NETWORK) , 5.13.3.3	a) Change Management IV. As GFGNL is upgrading the network and look after network utilization under different Projects like Horizontal connectivity, Dark fibre lease, etc, AGENCY is responsible to maintain all relevant active and passive component as per RFP guideline.	We assume that GFGNL will provide all necessary details, including customer information, OEM inventory, connectivity type, EMS, and NMS details. Additionally, please confirm whether the bidder will be allowed to change the OEM in the future, provided the new equipment meets the same or higher specifications to restore the CPE link. Further, please confirm whether GFGNL will provide OPEX payments per link for O&M	1) Information will be provided 2) It is in bidder's scope to support for change management activities of GFGNL 3) No any additional OPEX will be given

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
		MIS REPORTS			

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
818	5 SCOPE OF WORK	Pg No.165/ 5.13 Operation And Maintenance, 5.13.4 NETWORK INVENTORY	f. All inventory real time report/dashboard including their spare material counts asked vs available, project performance report including following parameters but not limited to number of GP/Block/District on GPON and migrated on MPLS, GP wise network performance report(Daily-Monthly-Quarterly-Yearly)( fibre loss, latency, jitter, live vs down GPs (MPLS Vs GPON), RFMS report, active elements live vs down, Dark Fibre lease in Kilometers with customer names report per block/district etc. should be available centrally at GFGNL office in display either through suitable software or arranging API or through suitable mechanism. It should be customized based on the requirement of tenderer.	As per the RFP, GFGNL will include this as part of the NOC reports, and the bidder will be responsible for providing API integration with the NMS/NOC for dashboard management. Additionally, the bidder will be responsible for providing EMS for all active solutions, which will be managed on the GFGNL NMS/GIS exclusively through API integration. Please confirm whether the NOC team/GFGNL will be responsible for the overall management of the dashboard	As per RFP

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
819	5 SCOPE OF WORK	Pg No.166/ 5.13 Operation And Maintenance, 5.13.4 NETWORK INVENTORY	g. To meet the service obligation, selected PIA shall at all times maintain a surplus inventory at Taluka HQ / District HQ level with minimum % of material as mentioned below. PIA will be responsible to maintain this stock as and when it is consumed in O&M activities during the entire contract duration. Inventory Name: ONT % Spare: 10% of total installed in Taluka (Till the network migrated on MPLS on ring with full load traffic)	The spare requirements for UPS, Router, RFMS, and ONT appear to be on the higher side. Kindly review and consider minimizing the requirement	As per RFP
820	5 SCOPE OF WORK	Pg No.166/ 5.13 Operation And Maintenance, 5.13.4 NETWORK INVENTORY	g. To meet the service obligation, selected PIA shall at all times maintain a surplus inventory at Taluka HQ / District HQ level with minimum % of material as mentioned below. PIA will be responsible to maintain this stock as and when it is consumed in O&M activities during the entire contract duration. Inventory Name: Stabilizer at shelter & DG Set % Spare: 2% of total installed in Taluka	As we understand, the stabilizer, shelter, and DG set are considered separate infrastructure items in Phase 2. Please confirm whether these will be handed over to the Phase 3 bidder. Additionally, kindly clarify the O&M cost structure. Regarding DG sets and infrastructure items, with a 2% spare requirement, please provide guidance on the calculation methodology. Furthermore, please specify who will be responsible for the DC power plant, battery bank, shelter infrastructure, and the insurance of all items.	Provisioning of mobile DG set in case of exigency is in the scope of bidder to meet the network SLA. Bidder shall arrange the same to continue the services during the critical needs like, Force-majeure conditions and any other needs without asking any reasons for relaxations in SLA. However, Stabilizer at shelter will be addressed by new RFP for shelter readiness.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
821	5.13.3.2	RESPONSIBILITY MATRIX FOR HOTO - Page 160	RACI MATRIX - as per RASI Matrix - all Existing Infra, Electronics, Active & Passive Items, Shelter infrastructure, DC Power Plants, Battery Bank, etc..	Please confirm the operational guidelines, operating costs, AMC costs, spare requirements, and other alignments for day-to-day activities. Additionally, as the Phase 1 shelter is not considered within the PIA's scope, please clarify who will be responsible for managing the entire shelter infrastructure after its implementation	Already Responded
822	5 SCOPE OF WORK	Pg No.166/5.13 Operation And Maintenance, 5.13.4 NETWORK INVENTORY	g. To meet the service obligation, selected PIA shall at all times maintain a surplus inventory at Taluka HQ / District HQ level with minimum % of material as mentioned below. PIA will be responsible to maintain this stock as and when it is consumed in O&M activities during the entire contract duration. Inventory Name: Transport Equipment's % Spare: 5% of total installed in Network other than SDC	As the Transport Network RFP is separate, the required spares should be provided by GFGNL. Please confirm	As per RFP

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
823	5 SCOPE OF WORK	Pg No.166/ 5.13 Operation And Maintenance, 5.13.4 NETWORK INVENTORY	g. To meet the service obligation, selected PIA shall at all times maintain a surplus inventory at Taluka HQ / District HQ level with minimum % of material as mentioned below. PIA will be responsible to maintain this stock as and when it is consumed in O&M activities during the entire contract duration. Inventory Name: New MPLS Router % Spare: 5% of total installed in Taluka	As the Transport Network RFP is separate, the required spares should be provided by GFGNL. Please confirm	As per RFP
824	5 SCOPE OF WORK	Pg No.166/ 5.13 Operation And Maintenance, 5.13.4 NETWORK INVENTORY	Transport/backhaul equipments installed at SDC must be 1:1 active and critical for the network, and hence sufficient spares should be available for entire contract duration	As the Transport Network RFP is separate, the required spares should be provided by GFGNL. Please confirm	As per RFP



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
825	5 SCOPE OF WORK	Pg No.168/ 5.13 Operation And Maintenance, 5.13.6 FAULT RESTORATION SERVICE	a) PIA may deploy a dedicated fault resolution team (FRT) at the Block level and at any suitable places like annexure-high speed corridor route atleast a one patrolling resource at every 250Km or it will be further decided by the GFGNL for effectively management and strengthen of network.This distance is indicative however, PIA has end to end responsibility to manage the SLA and resource can be increase to achieve SLA without further cost to GFGNL.	As we understand, the bidder must deploy one Field Response Team (FRT) for every 250 km. Each FRT set should include one four-wheeler vehicle, one driver/supervisor, one splicer, two laborers, and two patrollers, along with the required tools and materials (T&M). Please confirm	Bidder must deploy one dedicated Field Response Team (FRT) for every 225 km. Each FRT set should include one four-wheeler vehicle MUV/SUV, one driver/supervisor, one splicer, two labors, 2 patrollers with two wheeler, along with the required tools and materials (T&M). It is bidder's responsibility to deploy sufficient skilled manpower for surveillance, liaison, and patrolling. The bidder shall deploy additional manpower, as and when needed during any work by other agencies to safeguard GFGNL network without additional cost to GFGNL. The bidder shall manage resource planning in order to meet service expectations to GFGNL customer and maintain SLA, quality parameters.
826	5 SCOPE OF WORK	Pg No.172/ 5.13 Operation And Maintenance, 5.13.8 PERIODIC MAINTENANCE	III. If the OFC cable cut is such that the cable has been damaged for distance more than 250 300 meter by any external Bidder, then State/SIA shall bear cost of cable/PLBE. But the BIDDER shall bear the cost of workmanship and other store like splicing, jointing kits etc. Below 250 300 mtr of damage, BIDDER will bear all the cost of restoration including material and workmanship.	As we understand, during road expansion, all affected sections will be reimbursed by GFGNL, covering both material and service costs. In other cases of damage: If the affected fiber length is below 150 meters, the bidder will be responsible for both material and service costs for restoration. If the damage exceeds 150 meters due to drainage, water projects, telecom, gas, or other utility works, the material cost will be reimbursed by GFGNL, while the service cost will be borne by the bidder.Please confirm	As per RFP

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
827	5 SCOPE OF WORK	Pg No.174/ 5.13 Operation And Maintenance, 5.13.9 OTHER NETWORK O&M PARAMETERS	f) PIA may deploy a dedicated fault resolution team (FRT) at the Block level and at any suitable places like annexure-high speed corridor route atleast a one patrolling resource at every 250Km for effectively management and strengthen of network .This distance is indicative however, PIA has end to end responsibility to manage the SLA and resource can be increase to achieve SLA without further cost to GFGNL.	As we understand, the bidder must deploy one Field Response Team (FRT) for every 250 km. Each FRT set should include one four-wheeler vehicle, one driver/supervisor, one splicer, two laborers, and two patrollers, along with the required tools and materials (T&M). Please confirm	Bidder must deploy one dedicated Field Response Team (FRT) for every 225 km. Each FRT set should include one four-wheeler vehicle MUV/SUV, one driver/supervisor, one splicer, two labors, 2 patrollers with two wheeler, along with the required tools and materials (T&M). It is bidder's responsibility to deploy sufficient skilled manpower for surveillance, liaison, and patrolling. The bidder shall deploy additional manpower, as and when needed during any work by other agencies to safeguard GFGNL network without additional cost to GFGNL. The bidder shall manage resource planning in order to meet service expectations to GFGNL customer and maintain SLA, quality parameters.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
828	5 SCOPE OF WORK	Pg No.174/ 5.13 Operation And Maintenance, 5.13.9 OTHER NETWORK O&M PARAMETERS	j) Existing GP Powerbackup/UPS having 1 KVA capacity with 2 hours back up, Bidder needs to upgrade it to achieve atleast minimum 8 Hours of Back up. This refresh needs to be done during the first quarter of the project only. The Uninterruptible Power Supply (UPS) should have the inbuilt functionality as a stabilizer. Further, if any issues arises such as the phase and neutral wires shorting out or any damage caused by voltage fluctuations, it will be the responsibility of the Project Implementing Agency (PIA) to handle it. This is to manage the uptime and ensure the network remains operational in power/electricity issues. Additionally, any need for extra wiring or other similar tasks will also fall under the scope and responsibility of the PIA.	As per the RFP, the UPS data sheet specifies a 6-hour backup requirement, whereas another clause mentions an 8-hour backup. Since the new UPS is an online UPS and the old UPS is an offline UPS, an upgrade is not feasible. Therefore, we suggest replacing all UPS units across the network. Please confirm the final requirement. Additionally, please provide updated OEM details for the existing packages, categorized zone-wise, along with specifications, battery life, and the last replacement year, including the make and model. Kindly clarify whether this UPS upgrade will be considered complementary or included as a lump sum under the Package 1/Package 2 GPS price bid	Refer UPS specifications for new installation. Old inventory details are not required

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
829	5 SCOPE OF WORK	Pg No.175/ 5.13 Operation And Maintenance, 5.13.9 OTHER NETWORK O&M PARAMETERS	I) Bidder needs to provide Shelter infra as per mentions specification of Shelter and as well as detail section of Shelter Infra upgradation.	Please provide the infrastructure requirements and data sheets for both existing shelter locations and newly proposed shelter locations in Phase 1 OLT/Block locations. The required details include shelter size and specifications, DC power plant, stabilizer, PCC/DG set requirements, rack specifications, power work, lighting work, site earthing, CCTV, site fencing, and gate provisions. Additionally, please suggest any necessary upgrades along with the relevant data sheets and outline the end objectives for these upgrades	It is the responsibility of GFGNL to provide the shelter on time.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
830	5 SCOPE OF WORK	Pg No.175/ 5.13 Operation And Maintenance, 5.13.9 OTHER NETWORK O&M PARAMETERS	t) If the OFC cable cut is such that the cable has been damaged for distance more than 250 meter by any external agency then State/SIA shall bear cost of cable/PLBE. But the PIA shall bear the cost of workmanship and other store like splicing, jointing kits etc. Below 250 mtr of damage, PIA will bear all the cost of restoration including material and workmanship.	Please consider As we understand, during road expansion, all affected sections will be reimbursed by GFGNL. Material + Service. In other scenarios of damage, if the affected fiber length is below 150 meters, the bidder will be responsible for restoration work Material + Service. However, if the damage exceeds 150 meters due to drainage, water projects, telecom, gas, or other utility works, the material cost will be reimbursed by GFGNL, while the service cost will be borne by the bidder. Please confirm."	Pls see preceding response
831	5 SCOPE OF WORK	Pg No.176/ 5.13 Operation And Maintenance, 5.13.10 CAPACITY AUGMENTATION	(a) The PIA shall replace/ upgrade the SFP,Card based on the demand/ requirement during the contract period.	We assume that the bidder is responsible only for the supply of items in Phase 3 and that this does not apply to the handover of GFGNL's existing network electronics. Please confirm	As per RFP

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
832	A) Underground Fibre Cable Laying	7.8 PENALTY FOR DEVIATION FROM STANDARD ENGINEERING INSTRUCTIONS FOR FIBRE LAYING (UNDERGROUND AND AERIAL) Page 205	Less Depth Calculation - Page 206	We request you to consider the table as per BharatNet guidelines for reduced depth. Additionally, we assume that bridge clamping and wall clamping are to be considered exclusions for reduced depth. Please confirm	As per RFP

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
833	7 SERVICE LEVEL AGREEMENT(SLA) & PENALTY	Pg No.210/7.9 O&M SLA FOR GP NETWORK AVAILABILITY, 7.9.1 SLA FOR THE O&M OF THE EXISTING NETWORK (PH-I & PH-II), TILL THE COMMISSIONING OF IP-MPLS ROUTERS AND NEW RINGS	IV. Keeping availability of power/infra with their backup is in the scope of selected bidder and hence GPs down time due to Block/GP being down due to Power issues /media failure or equipment failure will also be part of SLA calculation. However, following situation will be considered as beyond control of the PIA, a. electricity outage/failure from DISCOM or utility department (more than 6 Hrs in a day(24Hrs)), b. The situations/activities included in the Force Majeure clause. c. Government intimation for shutdown And hence, will be considered as exclusion in SLA by submission of valid evidences-documentations proof to GFGNL.	As per the RFP details, the UPS backup is available for 6 hours, subject to the load at the GP location, as specified in the RFP. However, if a GP experiences continuous power issues and the UPS battery fails to recharge, a 6-hour backup may not be available the following day. Please confirm the process to be followed during O&M in such cases and clarify the type of proof or documentation required to report and address this issue	This is based on valid evidence and clause(7.9.1 Note-IV) mentioned in RFP.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
834	O&M SLA	Pg No.216/7.9 O&M SLA FOR GP NETWORK AVAILABILITY, 7.9.10 OFC CUT RESTORATION AND ASSOCIATED PENALTY CALCULATION	BIDDER teams will have to maintain required quantum of patrolling on field to protect GFGNL OFC Network from damage due to other organizations' activities. As per Telecom standard, number of OFC cuts per 1000 Km OFC Network per quarter must not increase 10 Nos/Quarter. If OFC cuts increase beyond 10 Nos/Quarter., then GFGNL will levy below mentioned penalties to BIDDER. OFC cut penalty based on No of cut:	As per telecom standards, the number of OFC cuts per 1,000 km is limited to 10 per month. Please review and update the clause accordingly. Additionally, exclusions for infrastructure expansion should be provided by GFGNL, including, but not limited to, road expansion, water project expansion, drainage expansion, culvert work, and bridge expansion. Kindly confirm	Since GFGNL thriving to get availability of network to a extend greater than telecom grads, PIA shall be facilitated to use cutting edge technologies of GIS and NMS. With added advantage of these tool GFGNL expecting vigilance from PIA.



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
835	O&M SLA	Pg No.220/7.9 O&M SLA FOR GP NETWORK AVAILABILITY, 7.9.17 PROCESS TO MEASURE THE SLA AND PENALTY	c) There should be an EMS for monitoring major parameters including Input & Output Voltages, Inside & Outside Temperature, Humidity, Alarms, % battery back up time left. It should also be possible to control/switch on/off Non-Critical Loads/ Extra fans. The monitor & Control should be possible from Central NOC in real time. Delay in any alarm incident will invite the penalty. For example, for any instance on delay in alarm will be penalized with 0.2% of quarterly O&M billing amount and this will be over and above the maximum O&M cap limit of the O&M billing amount.	We assume that this clause pertains to UPS requirements. In Clause - Pg No. 210/7.9 under O&M of UPS, it is mentioned that the existing UPS needs to be upgraded. Additionally, the old UPS is an offline UPS. Please clarify this clause and confirm the final requirement of UPS.	Pls refer specification of online UPS at Annexure B Tech Spec- X

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
836	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS	IX. Remote Fibre Management System (RFMS)	298 of 440	As per the latest amendment in the TEC GR of the Remote Fibre Test and Monitoring System (GR No. TEC/GR/TX/RFM-001/02/MAR-15), Clause No. 4.1.4.3 shall be read as follows: 'Dark fibre monitoring wavelength shall be 1550nm/1625nm/1650nm, depending on the requirement or design of the network to be monitored.' Please confirm whether we should refer to the latest amendment mentioned above for this tender	Please see in preceding responses
837	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS	IX. Remote Fibre Management System (RFMS)	298 of 440	Kindly confirm the number of sites with a -48V DC power supply and those with a 240V AC supply so that we can incorporate the same into our system.	Please see in preceding responses

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
838	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS	IX. Remote Fibre Management System (RFMS)	298 of 440	As per the TEC GR of the Remote Fibre Test and Monitoring System (GR No. TEC/GR/TX/RFM-001/02/MAR-15), the RFMS is designed to support a switching cycle of 1 billion cycles so do we consider the same ? Pls suggest	Please see in preceding responses
839	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS	IX. Remote Fibre Management System (RFMS)	299 of 440	Should the RFMS EMS communicate with NMS or GIS for API integration? Please clarify	Please observe separate RFP issues in this regard on GFGNL website

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
840	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS	IX. Remote Fibre Management System (RFMS)	299 of 440	This clause should be removed, as it pertains to the GIS vendor/OEM and is not part of RFMS functionality	Please see in preceding responses

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
841	5 SCOPE OF WORK	5.13.1 (a) pg 141	<b>INFRASTRUCTURE</b> PIA shall undertake the responsibility for Operations & Maintenance (O&M) of the Existing Network including the GFGNL laid in BharatNet Phase-I & II including the existing leased OFC in Ph-I till the same is replaced with the new laid network, incremental OFC laid under BharatNet & also of both Phase-I & II networks GPON equipment (OLTs, ONTs), RFMS, and Solar Photo Voltaic Systems at the GPs, all active and passive elements like but not limited to fibre, duct, joint indicators, (single & three phase)Stabilizers, UPS at GP end, etc., Old infrastructure created under Bharatnet Phase-II including all GPON equipments and utility and New Network delivered against scope mentioned in this RFP.	As per the GFGNL Phase-II RFP, both packages specify an RFMS dynamic range of 35dB with 16 ports. Please confirm whether this RFMS inventory needs to be managed as is for the solution, or if it will be discontinued, considering the new requirement of a 40dB dynamic range and a 24-port switch. Please confirm.	RFMS with 40dB dynamic range and 24 ports are to deployed for monitoring of Phase-I GPs in this RFP. Further, It is the bidder's responsibility to monitor Ph-II GPs through existing RFMS on as is where is basis or bidder may considered new RFMS without any additional cost to GFGNL.
842	10 SPECIAL TECHNICAL CONDITIONS	IX. Pg. 298 Remote Fibre Management System (RFMS)	EMS H/W: Server/Storage/Firewall	We assume that the required hardware, OS, and VM for EMS will be provided by GFGNL.	The IT and Non IT infrastructure for hosting EMS is the responsibility of GFGNL. The compute (VM) and storage of S-NOC will be provided by the GFGNL. The EMS and associated software including OS, RDBMS and other licenses in the name of GFGNL are in the scope of bidder without any additional cost to GFGNL.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
843	10 SPECIAL TECHNICAL CONDITIONS	IX. Pg. 298 Remote Fibre Management System (RFMS)	MISC:- Parent-Child /Otau type solution is not allowed	Kindly confirm whether we can use the existing inventory with the new concept and requirements if the solution meets the necessary criteria	<p>Phase-I and new sub-block locations: New RFMS with 40 dB dynamic range and 24 ports are to be deployed for monitoring of Phase-I GP as per technical specifications mentioned in the bid.</p> <p>Phase-II GPs: It is the bidder's responsibility to monitor Ph-II GPs through existing RFMS till September, 2027. Since notional capex is indicated in the computation of O&amp;M of the existing RFMS also and hence it is the responsibility of the bidder to provide AMC and O&amp;M till the bidder is availing charges for the same. The GFGNL will enforce the past MAF given by the existing OEM (through past PIA) for as part of contractual obligations entered by the existing OEM and past PIA. In case of any glitches or problems in transition of paid AMC, then GFGNL with administrative responsibility will facilitate the new PIA at risk and cost of past PIA and past OEM. Since, it is the responsibility of the bidder to provide new RFMS (as specified in the RFP) with remaining years of AMC, warranty and O&amp;M without any additional cost to the GFGNL till the end of the contract duration therefore in the event of any default situation during the transition then new PIA need to prepone the delivery, installation and commissioning in the beginning of the contract.</p>

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
844	10 SPECIAL TECHNICAL CONDITIONS	IX. Pg. 298 Remote Fibre Management System (RFMS)	Optical Distance Accuracy: $\pm (0.75 + 0.0025\% \times \text{distance} + \text{sampling resolution})$	As the minimum sampling points in the OTDR specification are a critical parameter for defining measurement accuracy, the given requirement in the RFP is the minimum threshold. Therefore, we request you to specify a minimum of 500,000 sampling points or more in the OTDR specifications	The RFMS is to be provided with accurate distance resolution as specified in the RFP for tolerance permissible limit which is the basic purpose for the investment on RFMS
845	Section-10	Annexure A / Sr. 7/Battery - Page 281	TEC GR Standard No.: TEC 67030:2016 with latest amendments if any a. Lithium Ion Battery of 2400 VAH to be used.	We assume that Lithium-Ion batteries will be supplied as per TEC GR No. 67030:2024, and a battery capacity of 48V/50Ah (2400Wh) is also acceptable as per the BSNL BharatNet Phase-III project. Kindly confirm	Please see revision
846	Section-10	Annexure A / Sr. 25/UPS - Page 282	TEC GR Standard No.: TEC 66140:2019 with latest amendments, if any	As per TEC GR No. TEC 66160:2024, the inverter rating is 500VA, so bidders can accordingly align their proposals. Kindly confirm	Repeated query responded as above.
847	FACT SHEET - Point no 21	Performance Bank Guarantee - Page 18	5 % of CAPEX, 5% of OPEX per package	As per our understanding, a 5% Capex PBG is to be provided at the time of award sign-off and WO issuance from GFGNL, while a 5% Opex PBG is to be provided once the Block O&M movement starts. Please confirm	As per Revised RFP (4.32 Performance Bank Guarantee )

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
848	4.16 NOTIFICATION OF AWARDED & SIGNING OF CONTRACT	Performance Bank Guarantee- Page no 57	ii. Within two weeks of receipt of the Contract form, the successful bidder shall sign and stamp the contract and return it to the TENDERER along with performance guarantee. The performance Bank Guarantee shall be equal to 10% of the contract value valid for duration of 180 days beyond the expiry of contract	As per our understanding, a 5% Capex PBG is to be provided at the time of award sign-off and WO issuance from GFGNL, while a 5% Opex PBG is to be provided once the Block O&M movement starts. Please confirm	Please see revision
849	3.1 PRE-QUALIFICATION CRITERIA	Page - 34 - Clause - 4 - For Equipment's experience	2200 active nodes, if bidding for 2 packages,	As we understand, capacitive experience/own network experience will be considered with a valid Work Order (WO) and Delivery Challan. Kindly confirm	Refer corrigendum with Revised Prequalification Criteria Section



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
850	3.1 PRE-QUALIFICATION CRITERIA	Page - 32 - Clause - 2	<p>2.1 The Sole Bidder should have an average annual turnover of at least following values in last three (3) audited financial years ( FY 2021- 22, FY 2022-23, and FY 2023-24 ) solely generated from the business of OFC Business/ ITeS / Telecom Networking field only,</p> <ul style="list-style-type: none"> <li>• Rs 1250 Crores for Package A</li> <li>• Rs 1250 Crores for Package B</li> </ul> <p>In Case Of Consortium: Lead bidder(in case of consortium) should have average annual turnover as per following in last three audited financial years ( FY 2021- 22, FY 2022-23, and FY 2023-24 ) solely generated from the business of OFC deployment/ Telecom Networking / ITeS field only Only one consortium partner is allowed. Package A - Lead 940 &amp; consortium partner - 625 Package A - Lead 940 &amp; consortium partner - 625</p>	<p>As a sole bidder, we are eligible for both packages. However, as per the bidding scenario, a bidder can participate in one tender as a lead bidder and in the second package as a consortium partner. pls confirm</p> <p>Please allow any company to become a lead bidder if it has an average turnover of ₹4,500 Cr, with a minimum of 10% revenue (₹450 Cr or above) generated from OFC Business, ITES, or Telecom Networking. The bidder will then be eligible as a lead bidder. As a lead bidder and consortium partner together, they must meet the turnover criteria as per the RFP requirement of a minimum of ₹1,250 Cr, with revenue generated from OFC Business, ITES, or Telecom Networking. Additionally, both parties must have a positive net worth for the last three years, with an average minimum net worth of ₹350 Cr</p> <p>Note: If a sole bidder becomes a consortium partner, their experience will be considered for one package, and the remaining experience will be considered for the consortium partner.</p>	Refer corrigendum with Revised Prequalification Criteria Section

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
851	4.37 - EASEMENTS, PERMITS, LICENSES AND OTHER FACILITIES	ROW - Page 71	<p>I. The PIA shall obtain at its own cost, all easements, permits and licenses, required to execute the contract including but not limited to following</p> <p>a. Right of Way” easements and permits.</p> <p>b. Railway, Highway, Forest and other Authorities crossing permits including bridge.</p> <p>c. Canal/stream crossing permits.</p> <p>d. ROW</p> <p>PIA shall pay applicable charges against the demand note/ estimate raised by the concerned authorities. PIA shall submit the copies of the proof of payment along with the invoices for reimbursement</p>	<p>As we understand and suggest, GFGNL is the network and route owner, and ROW permissions should be applied for on behalf of GFGNL. As per government guidelines, if GFGNL is the ROW and network owner, how can the PIA be expected to pay the amount on behalf of GFGNL? If the PIA is required to make the payment, how will the reimbursement process be handled, and how should GST be managed as part of the service cost?</p> <p>As per our understanding, the PIA can facilitate GFGNL in paying the ROW application fees, and the same should be reimbursed as per the defined process. Pls clear.</p>	<p>For better understanding the latest GR/Circulars/Guidelines on ROW for BharatNet Project (on State and Central Government portals) may be referred. The bidder is responsible for obtaining ROW permissions. if required, GFGNL will facilitate in co-ordination with local bodies/government agencies.</p>

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
852	4.62 TRAINING	Page - 89 - Clause C	c. The training session frequency, duration and batch sizes shall be mutually decided so as to meet the actual requirement. It is anticipated that 1 man week training for every 200 GPs per year for first two years and 1 man week per 400 GP per year for subsequent years, should be sufficient. The training material including the videos around 100 hour per packages shall be shared by PIA to GFGNL and/or USOF and/or ultimate consignee, for further on line/offline training sessions as per the requirement	As per our understanding, training for 200 GPs is required per week, which means for 14,000+ GPs, a total of approximately 70 weeks of training will be needed. Could you please elaborate on this requirement? Additionally, please confirm whether GFGNL will arrange the training location.	Please re-refer clause 4.62

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
853	4.71 PUBLIC PROCU REME NTS	PMA - Class1,2, - Page 100	a. In accordance to guidelines of Gol issued vide No. P- 45021/2/2017-PP(B.E.-II) dated 16th September, 2020, No. P- 45021/102/2019-BE-II- (part(I) (E- 50310) dated 04.03.2021 and Department of Telecommunications Gazette notification dated 29th August 2018 along with instructions as amended from time to time by Govt. of India, in order to encourage make in India and promote manufacturing and production of goods and services in India, preference will be given to domestically manufactured equipment envisaged to be procured through this tender. A copy of the aforesaid Notifications/ Guidelines/ Amendments can be downloaded from Department of Promotion of Industry and Internal Trade website i.e. URL <a href="http://www.dipp.gov.in">www.dipp.gov.in</a> . Purchase preference for domestic manufacturer, methodology of its implementation, value addition to be achieved by domestic manufacturers, self-certification and compliance and monitoring shall be as per the aforesaid Guidelines/ Notifications. The Guidelines may be treated as an integral part of the tender document.	As we understand, Local Content (LC) should be considered for both supply and services, with a minimum requirement of 50% local content of the total package value. Kindly confirm	As per Gol guidelines

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
			<p>b. As per aforementioned guidelines there shall be three categories for manufacturers/suppliers:</p> <p>I. Class-I Local Supplier: A supplier or service provider whose goods, services or works offered for procurement meets minimum 'Local Content' of 50%.</p> <p>II. Class-II Local Supplier: A supplier or service provider whose goods, services and works offered for procurement meets minimum 'Local Content' of 20% but less than 50%.</p> <p>III. Non-Local Supplier: A supplier or service provider whose goods, services and works offered for procurement has 'Local Content' less than 20%.</p>		

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
854	22. PIA shall follow the fiberization Principles for Phase-I network as stated below	Page 112. HIGH-SPEED DATA CORRIDOR (State Capital to District/Traffic Aggregation Junction)	SDC to Master- block / Master-block to Master-block (Master block = Any one location in District and/or part of Sub- block and District Centre preferred)	As 48F is mandatory for Block-to-Block and Block-to-District routes, please clarify whether, if an existing route to the GP is available, the bidder must still consider new 48F work during execution and design. Pls confirm	The bid is on EPC model for blending, creativity of private sectors in fiberization, and cost optimization, measurable scientific outcome for simplified payments against numeric level deliverables which are clearly defined in the RFP for faster roll-out linked with timely payment for ease of doing business and high network uptime. Pls refer RFP clause 5.3 fiberization and design principles
855	10 SECTION-10 SPECIAL TECHNICAL CONDITIONS	288/IV. Technical Specifications for Routers/8	For Sub Block/Master Block Router:-The routers shall be installed in the buildings without air conditioning where adequate ventilation may or may not be available. Therefore, the routers shall meet the Temperature and Humidity Requirements as per Category B of QM-333 standard.	We assume that GFGNL will establish shelters at each sub-block/master block location, with proper air conditioning in operation. Since these are critical sites, permanent cooling is required	GFGNL will establish shelters at sub-block and master block locations with proper air conditioning in operation. However, the bidder/OEM must still comply with the category B QM-333 standard or an equivalent international standard.
856	10 SECTION-10 SPECIAL TECHNICAL CONDITIONS	Page no-288/IV. Technical Specifications for Routers/11	Clock Support :- For GP and Block router Router should support NTP, Sync E, IEEE 1588v2 PTP ( including G8265,G8273 ,G8275 profiles as applicable )and NTP. It should have internal Stratum 3E clock with holdover time of at least 4 hours.	Please amend as G8265/G8273/G8275	1) The TEC GR is mentioned for functional and technical compliance. 2) Over and above, TEC GR we have specifically mentioned service level functionalities in the RFP as separate para and it is the responsibility of bidder to meet the functionality and objectivity in totality without any shortfall. 3) The MII is applicable in letter and spirit.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
857	10 SECTION-10 SPECIAL TECHNICAL CONDITIONS	Page no - 295/VI. Technical Specifications for Mini-OLT	Uplink and GPON Port	We assume that we are required to supply a fully loaded Mini OLT, including all SFPs—both uplink and GPON modules. Please clarify	Bidder has to supply Mini-OLT with fully loaded uplink. However, pluggable for GPON module is to be considered for 2 ports. In case in future, if any demand of additional SFP then bidder has to provide at Rs. 5,000/- per SFP
858	10 SECTION-10 SPECIAL TECHNICAL CONDITIONS	Page no - 296/VII. Technical Specifications For ONT(Optical Network Terminal) manageable	Support SNMP V3	As per our understanding, the SNMP of ONT is managed by the respective OLTs, and TR-069-supported ONTs will be an added advantage. Please clarify	This is rural centric project where automation including remote activity is very critical factor during O&M. It is non-negotiable business and functional ask and hence no further dilution will be encouraged.
859	Annexure C: ENGINEERING INSTRUCTIONS FOR UNDERGROUND OPTICAL FIBRE CABLE LAYIN	Page no - 349/Warning Tap	Warning tap to be laid in trench as per industry standard	As we are using route markers at regular intervals, warning tape is not required. Additionally, the HDD method is not feasible. In Phase 1 and 2, warning tape is not used. Moreover, we are using armored cable, which can be tracked using a cable locator; hence, it is not required. Please remove the clause	Warning tape to be laid in dense area where in route markers installation at regular intervals are not practically feasible.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
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860	Annexure C: ENGINEERING INSTRUCTIONS FOR UNDERGROUND OPTICAL FIBRE CABLE LAYING WORKS	Page no - 354/As built	As Built Drawings (ABDs) shall be uploaded in the GIS platform in GIS format (Shape File, .shp).	Please clarify ABD to be prepared digital through GIS as mentioned on Pg-433 or manually	As-Built Drawing (ABD) shall be created digitally on GIS platform.



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
861	Annexure C: ENGINEERING INSTRUCTIONS FOR UNDERGROUND OPTICAL FIBRE CABLE LAYING WORKS	Page no - 381/Duct	Extra 2% of trench length to account for actual PLB length in trenches. The payment shall be made with above factor included.	pls clarify about the clause , As this is EPC contract.	As this RFP is EPC, no payment shall be made separately other than payment schedule.
862	5 SCOPE OF WORK	5.13.1.2 INFRASTRUCTURE HANDOVER TAKEOVER	New	Please clarify the guidelines for handover and takeover in cases where the route is found live, but the cable and chambers are buried under the road	Please refer Baseline and Bestline criteria in this RFP.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
863	SECTION-10 SPECIAL TECHNICAL CONDITIONS Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS	X. Minimum Technical Specification for uninterruptible power supply (UPS) system at GP Page No. 300. Point No. 21 Certification	ISO,BIS,UL,CE,VE	Requesting to remove BIS certification ,as this is hybrid UPS already and this will be supplied after TSEC	Please see revision
864	SECTION-10 SPECIAL TECHNICAL CONDITIONS Annexure B: TECHNICAL SPECIFICATIONS	X. Minimum Technical Specification for uninterruptible power supply (UPS) system at GP Page No. 300. Point No.	Minimum 6 hours backup time with full load ( Reference to the point No. 7 of battery on page no. 281 of TEC GR Standards.	2400 VAH will not give 6 hours backup on full load or either your load is less. Please check. Kindly clarify.	Please see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
	NS OF NETWORK AND ITS COMPONENTS	3.Backuptime			
865	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS	IX. Remote Fibre Management System (RFMS) (Page No :298 of 440)	Wavelength Supported:- 1650 nm, 1550 nm, 1310 nm	As per the latest amendment in the TEC GR of Remote Fibre Test and Monitoring System (GR No. TEC/GR/TX/RFM-001/02/MAR-15) d) Clause No. 4.1.4.3 shall be read as below: Dark fibre monitoring wavelength shall be 1550nm or 1625nm or 1650nm as the requirement or design for the network is to be monitored. Please specify whether we should refer the latest amendment mentioned above for this tender.	Please see in preceding responses

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
866	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS	IX. Remote Fibre Management System (RFMS) (Page No :298 of 440)	Power input:- Dual DC/AC (As per site availability)	It has been mentioned that equipment should have dual DC/AC power input capability. Kindly confirm no of sites having the DC power supply of -48V DC and which one will have 240V AC so that we can provide same in our system.	Please see in preceding responses
867	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS	IX. Remote Fibre Management System (RFMS) (Page No :298 of 440)	Optical Test Cycle:- Minimum 10 Million	As per TEC GR of Remote Fibre Test and Monitoring System (GR No. TEC/GR/TX/RFM-001/02/MAR-15) the RFMS is intended to support a switching cycle of 1 billion cycles, ensuring high performance and reliability over time. However, downgrading the specifications for OTDR will have a significant impact on the system's overall performance and will ultimately lead to a degradation of the system's performance.	Please see in preceding responses

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
868	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS	IX. Remote Fibre Management System (RFMS) (Page No :299 of 440)	GFGNL's GIS server for the entire fiber network is in-service. The RFTS system shall be linked with GIS system. All faults should be displayed on the screen of GIS. RFTS system should be able to take the GIS coordinate provided by third party GIS and incorporate in the email alert and SMS alert. The RFTS EMS vendor shall help the GIS vendor to get the RFTS EMS system integrated with the GIS system via REST API or SNMP.	<p>As per our understanding, the current workflow for the existing RFMS deployed in the GFGNL network involves forwarding the optical fault location to the NMS (Network Management System). The NMS then forwards the data to the GIS (Geographical Information System), which returns the coordinates of the optical fault to the NMS for email alerts.</p> <p>We would like to have clarification whether we should continue to follow the existing workflow or if we need to integrate a new workflow as per the requirements outlined in the RFP. Clarity on this will help us to ensure our approach for this tender.</p>	Please see in preceding responses
869	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS	IX. Remote Fibre Management System (RFMS) (Page No :299 of 440)	Integrated cable Management System for Inside and outside plant. Optical Inventory Module for logical and Physical network for port-to-port connectivity, Route search and service provisioning.	<p>We understand that this clause belongs to GIS vendor/OEM, as it is not a part of RFMS functionality. Therefore we request to remove this clause from RFMS/RFTS section.</p> <p>Even in the BBNL tender, Tender No. MM/BNO&amp;M/BN-III/T-791/2024 issued on 15.02.2024 it was removed via amendment No. BSNLCO-MMT/14(11)/3/2024-MMT Dated: 08/05/2024</p>	Please see in preceding responses

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
870	SECTION-3 ELIGIBILITY CRITERIA	3.1 PRE-QUALIFICATION CRITERIA in table '2Company Turnover' Page no. 32	<p>2.1 The Sole Bidder should have an average annual turnover of at least following values in last three (3) audited financial years ( FY 2021-22, FY 2022-23, and FY 2023-24 ) solely generated from the business of OFC Business/ ITeS / Telecom Networking field only,</p> <ul style="list-style-type: none"> <li>• Rs 1250 Crores for Package A</li> <li>• Rs 1250 Crores for Package B</li> </ul> <p>In Case Of Consortium: Lead bidder(in case of consortium) should have average annual turnover as per following in last three audited financial years ( FY 2021-22, FY 2022-23, and FY 2023-24 ) solely generated from the business of OFC deployment/ Telecom Networking / ITeS field only Only one consortium partner is allowed.</p>	To foster better competition and ensure broader participation, it is recommended to set the turnover requirement at ₹550 crore. This will encourage a more competitive bidding process while maintaining high standards of quality and efficiency. Additionally, we kindly request that an escalation factor be allowed on a financial year-wise basis, considering inflationary trends. This will ensure fairness and reflect the realistic financial dynamics, enabling bidders to participate effectively while upholding project viability and excellence.	Refer corrigendum with Revised Prequalification Criteria Section

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
871	SECTION-4 INSTRUCTIONS TO BIDDERS	4.7 BID SECURITY/ Earnest Money Deposit (EMD)	Bidders shall submit, along with their Bids, EMD of Rs. 10 Cr/- (Ten Crores rupees only), in the form of a Demand Draft OR in the form of an unconditional Bank Guarantee by Bank Guarantee (which should be valid for 6 months from the last date of bid submission) of any Nationalized Bank including the public sector bank or Private Sector Banks or Commercial Banks or Co-Operative Banks and Rural Banks (operating in India having branch at Ahmedabad/ Gandhinagar) as per the G.R. No. EMD/10/2020/42/DMO dated 19.10.2020 issued by Finance Department or further instruction issued by Finance department time to time; in the name of "Gujarat Fibre Grid Network Limited." payable at Gandhinagar (in the specified format and must be submitted along with the covering letter.	Please allow insurance bond instead of bank guarantee for earnest money deposit	Please see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
872	SECTION-4 INSTRUCTIONS TO BIDDERS	4.7 BID SECURITY/ Earnest Money Deposit (EMD)	Bidders shall submit, along with their Bids, EMD of Rs. 10 Cr/- (Ten Crores rupees only), in the form of a Demand Draft OR in the form of an unconditional Bank Guarantee by Bank Guarantee (which should be valid for 6 months from the last date of bid submission) of any Nationalized Bank including the public sector bank or Private Sector Banks or Commercial Banks or Co-Operative Banks and Rural Banks (operating in India having branch at Ahmedabad/ Gandhinagar) as per the G.R. No. EMD/10/2020/42/DMO dated 19.10.2020 issued by Finance Department or further instruction issued by Finance department time to time; in the name of "Gujarat Fibre Grid Network Limited." payable at Gandhinagar (in the specified format and must be submitted along with the covering letter.	10 crores EMD per package is too high...since tender may take 2-3 months to get approved, our huge investment will be blocked. Kindly allow 5 cr per package in earnest money deposit	Please see revision
873	v) FACT SHEET	9.Last date for submission of Bid/proposal	Date:- 28/02/2025 at 06:10 pm	We kindly request an extension of the bid submission deadline by two months. This will provide bidders with adequate time to prepare comprehensive and competitive proposals.	Please see revised RFP Clause



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
874	SECTION-3 ELIGIBILITY CRITERIA	3.1 PRE-QUALIFICATION CRITERIA in table '2Company Turnover' Page no. 32	2.1 The Sole Bidder should have an average annual turnover of at least following values in last three (3) audited financial years ( FY 2021-22, FY 2022-23, and FY 2023-24 ) solely generated from the business of OFC Business/ ITeS / Telecom Networking field only, <ul style="list-style-type: none"> <li>• Rs 1250 Crores for Package A</li> <li>• Rs 1250 Crores for Package B</li> </ul> In Case Of Consortium: Lead bidder(in case of consortium) should have average annual turnover as per following in last three audited financial years ( FY 2021-22, FY 2022-23, and FY 2023-24 ) solely generated from the business of OFC deployment/ Telecom Networking / ITeS field only Only one consortium partner is allowed.	To allow more companies to participate and increase competition, it is suggested to keep the turnover requirement at ₹500 crore. This will help bring in more bidders while ensuring good quality and efficiency.	Refer corrigendum with Revised Prequalification Criteria Section
875	SECTION-3 ELIGIBILITY CRITERIA	3.1 PRE-QUALIFICATION CRITERIA	-	it will be too risky for a bidder who hasn't worked in bharat net-I and bharat net-II in gujarat, to bid for this tender. Kindly consider this tender item rate instead of EPC for fair competition	Pl see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
876	Section 10	X. Minimum Technical specifications for Uninterrupted Power Supply (UPS) System at GP	Type	Online , TEC GR 66160:2024 or latest updates (Release in June 2024)	Pls see preceding responses
877	Section 10	X. Minimum Technical specifications for Uninterrupted Power Supply (UPS) System at GP	AVR(Auto Voltage Regulators)	In built (6 stages)	AVR removed
878	Section 10	X. Minimum Technical specifications for Uninterrupted Power Supply (UPS) System at GP	Recharge time	6 to 8 Hrs in Offline mode	Please see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
879	Section 10	X. Minimum Technical specifications for Uninterrupted Power Supply (UPS) System at GP	Visibility	The PIA shall make suitable provision in the UPS to connect the same with the network elements for extending the UPS related alarms, lie but not limited to, battery, solar charge controller to the SNOC and CNOC	The Basic understanding from the qualified bidder is to understand the requirement and expertise of the active and passive network elements including their integration, operation and management. Bidder for UPS has to ensure the SNMP or suitable mechanism for all active field network element centrally visible for easy doing business. Failure to this will hold the payment of respective milestones.
880	Section 10	X. Minimum Technical specifications for Uninterrupted Power Supply (UPS) System at GP	Alarm Execution method	RJ45 With SNMP at SNOC / CNOC	Please see revision
881	Section 10	X. Minimum Technical specifications for Uninterrupted Power Supply (UPS) System at GP	UPS Auto Start on Deep Discharge	Required	Question is not clear.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
882	10	10 (Page 300)	Minimum technical specifications for UPS	Point 19 - AVR - Please note that Online UPS does not have AVR function at Input. Request you to remove the clause accordingly.	AVR removed
883	-	PQ-4	-	<p>We request you to kindly align the project experience criteria with the provisions of the <b>General Financial Rules (GFR)</b>.</p> <p><b>Removal of Captive Network Consumption Criteria:</b> We request the removal of the captive network consumption requirement from the eligibility criteria. This condition is not aligned with the core objectives of the project.</p>	Not Relevant to ABP Phase-III RFP
884	-	TQ 1,2, 3 and 4	-	<p><b>Recommendation to Incorporate Weightage for Bidder's Past Experience:</b> We have observed that the revised technical evaluation parameters differ significantly from the previous TQ criteria. Notably, the revised criteria do not allocate any weightage to the bidder's past experience.</p>	Not Relevant to ABP Phase-III RFP
885	-	Supply timelines	-	T+120 Working Days	Question is not clear

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
886	-	I&C timelines	-	T+ 240 Working Days	Question is not clear
887	-	TQ	-	As there is already a provision for buyback in the price bid, we kindly request the removal of this point.	Not Relevant to ABP Phase-III RFP
888	10	VI.	Technical Specifications for Mini-OLT	<p>Certification- MTCTE, NCCS</p> <p>Suggestion: MTCTE, NSDTS</p> <p>Reason: The OLT should have NSDTS Certification instead of NCCS because NSDTS also belongs to security council of government, and it should be sufficient to prove the product authenticity.</p> <p>Apart from this the NCCS is new for this product category and currently there are no any lab which provide such facility.</p>	<p>The DoT directives are applicable here also.</p> <p>The mandatory certificates as per the telecom regulations within India are to be provided whichever are applicable on the date of issue of RFP.</p> <p>However, if any OEM has problem in providing the reference certificates as per ask of the RFP, then the OEM may provide letter of undertaking along with evidence of application to designated institution for wider participation. Also, applicable certificates, any amendments or issuance of compliance / guidelines are to be met before installation in our network. The above is non-negotiable condition for claiming any payments</p>
889	3.1 PRE-QUALIFICATION CRITERIA of SECTION-3 ELIGIBILITY	4	Clause No. 4 under Experience Page 34 of 440	<p>We hereby request you to please Amend this Clause as</p> <p><b>i)For Optical Fibre:</b> The Bidder should have experience of Laying, Installation, Testing and Commissioning of EPC Based Optical Fibre Cable (ADSS/Aerial/Overground ), Duct and accessories as mentioned below in last 10 Years, as on this bid submission date:One Package:</p>	Kindly refer Note:5 in same section for this. Hence, No Change as per RFP

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
	CRITERIA			8,000 KmsTwo Package: 15,000 Kms	
890	SECTION-4 INSTRUCTIONS TO BIDDERS	-	4.7 BID SECURITY/ Earnest Money Deposit (EMD) Page 53 of 440	We hereby request you to please consider the EMD Exemption.	Please see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
891	SECTION-3 ELIGIBILITY CRITERIA	3.1.2 (Company Turnover)	<p>Para : 2.1 indicates : In case of Consortium : Lead bidder should have average annual turnover as per following in last three audited financial years ( FY 2021- 22, FY 2022-23, and FY 2023-24 ) solely.</p> <p>generated from the business of OFC deployment/ Telecom Networking / ITeS field only.</p>	<p>Requesting kind consideration for company Turn over criteria set for "Ammended Bharatnet Phase-III RFP" which was circulated by BSNL HO. In line to that tender below consideration is requested for Lead and consortium partners Turn over as below :</p> <p>1. Lead bidder or consortium partner (in case of consortium) should have cumulative combined average annual turnover as per following in last three audited financial years ( FY 2021- 22, FY 2022-23, and FY 2023-24 ) solely generated from the business of OFC deployment/ Telecom Networking / ITeS field only.</p> <p>2. Applying for each Package should have Cumulative Turnover of Rs 1250 Crs. In case of consortium, at least 50% Average annual Turn Over requirement should be met by the Lead Member. However, the other member of the consortium should have minimum Rs. 500 Crs average annual turnover during last 3 financial years for each package.</p>	Refer corrigendum with Revised Prequalification Criteria Section

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
892	SECTION-3 ELIGIBILITY CRITERIA	Note-1	1. In case the sole bidder or a Lead bidder (in case of Consortium) desires to bid for both of the packages then the bidder must have average annual turnover criteria (sum of 100% of highest and 25% of other package above financial value) i.e., for the last three audited financial years ( FY 2021-22, FY 2022-23, and FY 2023-24 )	<b>We understand the same as below in case of consortium :</b> 1. In case the sole bidder or a Lead bidder (in case of Consortium) desires to bid for both of the packages then the bidder must have <b>consolidated average annual turnover criteria</b> (sum of 100% of highest and 25% of other package above financial value) i.e., for the last three audited financial years ( FY 2021-22, FY 2022-23, and FY 2023-24 )	Refer corrigendum with Revised Prequalification Criteria Section
893	SECTION-3 ELIGIBILITY CRITERIA	Note-2	One sole or lead bidder can bid for only one package	<b>We understand that</b> that sole or lead bidder can participate for bidding for one package only & for other package they can't participate as sole or lead bidder but allowed as consortium partner for other package.	Refer corrigendum with Revised Prequalification Criteria Section
894	SECTION-3 ELIGIBILITY CRITERIA	Note-4	The lead bidder of one package is allowed to participate in only one package. However, Participation as a consortium member being a project experience partner in another package with other lead partner is allowed.	<b>We understand that</b> The Lead Bidder & Consortium Partner can participate in both the packages, However maximum number of package awarded will be One or single entity can get both the packages one in solo and other could be in consortium. Pl clarify	Refer corrigendum with Revised Prequalification Criteria Section



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
895	SECTION-3 ELIGIBILITY CRITERIA	3.1.4 (Optical fiber laying experience)	The Sole or lead bidder in case of consortium should have demonstrable experience with following: i) For Optical Fibre: The Bidder should have experience of Laying, Installation, Testing and Commissioning of EPC Based Optical Fibre Cable (Underground), Duct and accessories as mentioned below in last 10 Years, as on this bid submission date: One Package: 8,000 Kms Two Package: 15,000 Kms	in respect to clause no : 3.1.2, Note : 4, this clause should allow : <b>The Sole or lead bidder or consortium partner</b> (in case of consortium) should have combinedly demonstrable experience with following:  i) For Optical Fibre: The Bidder should have experience of Laying, Installation, Testing and Commissioning of EPC Based Optical Fibre Cable (Underground), Duct and accessories as mentioned below in last 10 Years, as on this bid submission date: Any One Package: 8,000 Kms and For Both Packages: 10,000 Kms In case the bidder desires to bid for both packages then the bidder must have experience of 10,000 Kms, in Laying, Installation, Testing and Commissioning of Optical Fibre Cable (Underground), Duct and accessories in EPC Mode in last 10 Years as on bid submission date	Refer corrigendum with Revised Prequalification Criteria Section

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
896	SECTION-3 ELIGIBILITY CRITERIA	3.1.4 (Active Node Experience)	For Equipment's : Experience of Telecommunication equipment installation, commissioning and O&M of at least- <ul style="list-style-type: none"> <li>• 1000 active nodes, if bidding for 1 package,</li> <li>• 2200 active nodes, if bidding for 2 packages,</li> </ul> The active nodes to be considered for this criterion can be include atleast, MPLS Routers, RFMS, Layer-3 Switches, Transport equipment(DWDM/PTN(packet and transmission equipments)/OTN/ROn/CPANs/OLT of 16 or more ports.	Customer is requested to consider Enode B & BTS also.	As Per RFP, No Change

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
897	SECTION-3 ELIGIBILITY CRITERIA	3.1.4	As O&M of Existing and new planned OFC would be major component for reliability of the network but for considering experience it is not being considered	<b>We understand following point should be part of completed projects requirement for effective consideration of OFC domain experience, this criteria is also considered by Ammended Bharatnet Phase-3 tender circulated by BSNL HO. :</b> (i) Satisfactorily completed the O&M of any OFC network of 48 or more Core Under Ground OFC for the number of 'Year Kms' (for the network for which O&M has been done for at least one year) at least equal to No. of Kms, as required for EPC Network Construction capability mentioned above. Year Kms: If O&M of "X" Kms of OFC has been done for "N" years (N>=1), then 'Year Kms' = "X multiplied by N"	Refer corrigendum with Revised Prequalification Criteria Section
898	SECTION-3 ELIGIBILITY CRITERIA	Note-2 (Consortium Criteria)	Only One Consortium is allowed. Consortium shall be not exceed more than two(2) including the lead bidder. And it should be any of the active component's OEM till the entire contract duration and act as a key knowledge partner.	Second part of this clause is specifying only OEMs as consortium partners. Customer is requested to remove this clause for clarity	Duplicate with Query, kindly refer the answer in Query (159)

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
899	SECTION-3 ELIGIBILITY CRITERIA	Experience Capability	Bidder Should have executed at least one (1) Networking Projects with Supply, Installation, Testing, Commissioning (SITC) or O&M of in last 8 Years with minimum value For each Project worth $\geq 1000$ Cr : 5 Marks For each set of 2 projects worth $\geq 750$ Cr: 3 Marks	our request for consideration : Active and Passive telecom project experience to be considered. O&M PO value of 1000 Crs becomes very huge.  Same Contract with Multiple PO's to be considered for O&M due to its nature of work	Refer corrigendum with Revised Technical qualification Criteria Section
900	TEC-GR Standard List	7	TEC GR Standard No: TEC 67030:2016 with latest amendments if any: a. Lithium Ion Battery of 2400 VAH to be used	Given GR ID is old, requesting you to please consider latest GR for Battery i.e. TEC 67030:2024 (48V/50Ah) which is being used in Amended BharatNet Program also	Please see revision
901	SECTION-3 ELIGIBILITY CRITERIA	Experience Capability	Experience Certifications	Is credentials of any customer is allowed, which has gone in solvency and does not exist now	Proving work experience is on part of bidder
902	SECTION-3 ELIGIBILITY CRITERIA	Experience Capability	Participation Allowed	If any company's matter is under subjudice due to experience documentation forgery in Amended BharatNet Program Tender with BSNL. Is the company is allowed to bid for this tender if the matter is not cleared. Kindly Confirm	As per the law of land, sub judice matter under judicial consideration may constitute interference with due process.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
903	SECTION-3 ELIGIBILITY CRITERIA	Experience Capability	Participation Allowed	If a company is any IP-1 Provider in state of Gujarat, having a conflict of interest towards monetization of own or GFGNL Fiber, is allowed to bid as consortium or a lead. Kindly Clarify ?	The objective is wider participation for competitive bidding. The law of land is good enough to de-risk Government in event of unethical practices.
904	SECTION-3 ELIGIBILITY CRITERIA	3.1.2 (Company Turnover)	Para : 2.1 indicates : In case of Consortium : Lead bidder should have average annual turnover as per following in last three audited financial years ( FY 2021- 22, FY 2022-23, and FY 2023-24 ) solely.  generated from the business of OFC deployment/ Telecom Networking / ITeS field only.	Customer Requested to Make the Criteria as Rs. 1000 Cr for each package and 40% to be met by lead bidder	Refer corrigendum with Revised Prequalification Criteria Section
905	SECTION-3 ELIGIBILITY CRITERIA	Note-1	1. In case the sole bidder or a Lead bidder (in case of Consortium) desires to bid for both of the packages then the bidder must have average annual turnover criteria (sum of 100% of highest and 25% of other package above financial value) i.e., for the last three audited financial years ( FY 2021-22, FY 2022-23, and FY 2023-24 )	<b>We understand the same as below in case of consortium :</b> 1. In case the sole bidder or a Lead bidder (in case of Consortium) desires to bid for both of the packages then the bidder must have <b>consolidated average annual turnover criteria</b> (sum of 100% of highest and 25% of other package above financial value) i.e., for the last three audited financial years ( FY 2021-22, FY 2022-23, and FY 2023-24 )	Refer corrigendum with Revised Prequalification Criteria Section

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
906	SECTION-3 ELIGIBILITY CRITERIA	Note-2	One sole or lead bidder can bid for only one package	<b>Does it mean :</b> that sole or lead bidder can participate for bidding for one package only & for other package they can't participate as sole or lead bidder but allowed as consortium partner for other package.	Refer corrigendum with Revised Prequalification Criteria Section
907	SECTION-3 ELIGIBILITY CRITERIA	Note-4	The lead bidder of one package is allowed to participate in only one package. However, Participation as a consortium member being a project experience partner in another package with other lead partner is allowed.	<b>Does it Mean :</b> The Lead Bidder & Consortium Partner can participate in both the packages, However maximum number of package awarded will be One or single entity can get both the packages one in solo and other could be in consortium.	Refer corrigendum with Revised Prequalification Criteria Section
908	SECTION-3 ELIGIBILITY CRITERIA	3.1.4 (Optical fiber laying experience )	The Sole or lead bidder in case of consortium should have demonstrable experience with following: i) For Optical Fibre: The Bidder should have experience of Laying, Installation, Testing and Commissioning of EPC Based Optical Fibre Cable (Underground), Duct and accessories as mentioned below in last 10 Years, as on this bid submission date: One Package: 8,000 Kms Two Package: 15,000 Kms	Customer is requested to change EPC to Laying, Installation, Testing and Commissioning	Refer corrigendum with Revised Prequalification Criteria Section

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
909	SECTION-3 ELIGIBILITY CRITERIA	3.1.4 (Active Node Experience)	For Equipment's : Experience of Telecommunication equipment installation, commissioning and O&M of at least- <ul style="list-style-type: none"> <li>• 1000 active nodes, if bidding for 1 package,</li> <li>• 2200 active nodes, if bidding for 2 packages,</li> </ul> The active nodes to be considered for this criterion can be include atleast, MPLS Routers, RFMS, Layer-3 Switches, Transport equipment(DWDM/PTN(packet and transmission equipments)/OTN/RON/CPANs/OLT of 16 or more ports.	Please add Microwave, Multiplexers & BTS	Query answered above
910	SECTION-3 ELIGIBILITY CRITERIA	Note-2 (Consortium Criteria)	Only One Consortium is allowed. Consortium shall be not exceed more than two(2) including the lead bidder. And it should be any of the active component's OEM till the entire contract duration and act as a key knowledge partner.	Second part of this clause is specifying only OEMs as consortium partners. Customer is requested to remove this clause for clarity	Duplicate with Query, Kindly refer the answer in Query (159)
911	SECTION-3 ELIGIBILITY CRITERIA	Experience Capability	Bidder Should have executed at least one (1) Networking Projects with Supply, Installation, Testing, Commissioning (SITC) or O&M of in last 8 Years with minimum value For each Project worth $\geq 1000$ Cr : 5 Marks For each set of 2 projects worth $\geq 750$ Cr: 3 Marks	Please reduce this value to Rs. 500 Crore for a single project	Refer corrigendum with Technical Qualification Criteria

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
912	SECTION-3 ELIGIBILITY CRITERIA	3.1.2 (Company Turnover)	<p>Para : 2.1 indicates : In case of Consortium : Lead bidder should have average annual turnover as per following in last three audited financial years ( FY 2021- 22, FY 2022-23, and FY 2023-24 ) solely.</p> <p>generated from the business of OFC deployment/ Telecom Networking / ITeS field only.</p>	<p>Requesting kind consideration for company Turn over criteria set for "Ammended Bharatnet Phase-III RFP" which was circulated by BSNL HO. In line to that tender below consideration is requested for Lead and consortium partners Turn over as below :</p> <ol style="list-style-type: none"> <li>1. Lead bidder or consortium partner (in case of consortium) should have cumulative combined average annual turnover as per following in last three audited financial years ( FY 2021- 22, FY 2022-23, and FY 2023-24 ) solely generated from the business of OFC deployment/ Telecom Networking / ITeS field only.</li> <li>2. Applying for each Package should have Cumulative Turnover of Rs 1250 Crs. In case of consortium, at least 50% Average annual Turn Over requirement should be met by the Lead Member. However, the other member of the consortium should have minimum Rs. 500 Crs average annual turnover during last 3 financial years for each package.</li> </ol>	Refer corrigendum with Revised Prequalification Criteria Section



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
913	SECTION-3 ELIGIBILITY CRITERIA	Note-1	1. In case the sole bidder or a Lead bidder (in case of Consortium) desires to bid for both of the packages then the bidder must have average annual turnover criteria (sum of 100% of highest and 25% of other package above financial value) i.e., for the last three audited financial years ( FY 2021-22, FY 2022-23, and FY 2023-24 )	<b>We understand the same as below in case of consortium :</b> 1. In case the sole bidder or a Lead bidder (in case of Consortium) desires to bid for both of the packages then the bidder must have <b>consolidated average annual turnover criteria</b> (sum of 100% of highest and 25% of other package above financial value) i.e., for the last three audited financial years ( FY 2021-22, FY 2022-23, and FY 2023-24 )	Refer corrigendum with Revised Prequalification Criteria Section
914	SECTION-3 ELIGIBILITY CRITERIA	Note-2	One sole or lead bidder can bid for only one package	<b>Does it mean :</b> that sole or lead bidder can participate for bidding for one package only & for other package they can't participate as sole or lead bidder but allowed as consortium partner for other package.	Refer corrigendum with Revised Prequalification Criteria Section
915	SECTION-3 ELIGIBILITY CRITERIA	Note-4	The lead bidder of one package is allowed to participate in only one package. However, Participation as a consortium member being a project experience partner in another package with other lead partner is allowed.	<b>Does it Mean :</b> The Lead Bidder & Consortium Partner can participate in both the packages, However maximum number of package awarded will be One or single entity can get both the packages one in solo and other could be in consortium.	Refer corrigendum with Revised Prequalification Criteria Section

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
916	SECTION-3 ELIGIBILITY CRITERIA	3.1.4 (Optical fiber laying experience )	The Sole or lead bidder in case of consortium should have demonstrable experience with following: i) For Optical Fibre: The Bidder should have experience of Laying, Installation, Testing and Commissioning of EPC Based Optical Fibre Cable (Underground), Duct and accessories as mentioned below in last 10 Years, as on this bid submission date: One Package: 8,000 Kms Two Package: 15,000 Kms	in respect to clause no : 3.1.2, Note : 4, this clause should allow : <b>The Sole or lead bidder or consortium partner</b> (in case of consortium) should have combinedly demonstrable experience with following:  i) For Optical Fibre: The Bidder should have experience of Laying, Installation, Testing and Commissioning of EPC Based Optical Fibre Cable (Underground), Duct and accessories as mentioned below in last 10 Years, as on this bid submission date: Any One Package: 8,000 Kms and For Both Packages: 10,000 Kms In case the bidder desires to bid for both packages then the bidder must have experience of 10,000 Kms, in Laying, Installation, Testing and Commissioning of Optical Fibre Cable (Underground), Duct and accessories in EPC Mode in last 10 Years as on bid submission date	Refer corrigendum with Revised Prequalification Criteria Section

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
917	SECTION-3 ELIGIBILITY CRITERIA	3.1.4	As O&M of Existing and new planned OFC would be major component for reliability of the network but for considering experience it is not being considered	<b>We understand following point should be part of completed projects requirement for effective consideration of OFC domain experience, this criteria is also considered by Amended Bharatnet Phase-3 tender circulated by BSNL HO.</b>	Refer corrigendum with Revised Prequalification Criteria Section
918	SECTION-3 ELIGIBILITY CRITERIA	Note-2 (Consortium Criteria)	Only One Consortium is allowed. Consortium shall be not exceed more than two(2) including the lead bidder. And it should be any of the active component's OEM till the entire contract duration and act as a key knowledge partner.	Please remove the clause that consortium partner should be Components's OEM	Duplicate with Query, Kindly refer the answer in Query (159)
919	SECTION-3 ELIGIBILITY CRITERIA	Experience Capability	Participation Allowed	If any company's matter is under subjudice due to experience documentation forgery in Amended BharatNet Program Tender with BSNL. Is the company is allowed to bid for this tender if the matter is not cleared. Kindly Confirm	As per the law of land, sub judice matter under judicial consideration may constitute interference with due process.
920	SECTION-3 ELIGIBILITY CRITERIA	Experience Capability	Participation Allowed	If a company is any IP-1 Provider in state of Gujarat, having a conflict of interest towards monetization of own or GFGNL Fiber, is allowed to bid as consortium or a lead. Kindly Clarify ?	As per the law of land, sub judice matter under judicial consideration may constitute interference with due process.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
921	-	Annexure-E TECHNICAL SPECIFICATION FOR GIS MAPPING OF OFC ROUTES AND PROJECT MANAGEMENT TOOL	1.1 State NOC (S-NOC) Integration with Central NOC (C-NOC) <ul style="list-style-type: none"> <li>PIA shall ensure integration of S-NOC with C-NOC including NMS and all EMSs, such as IP-MPLS routers, RFMS, mini-OLT, alternate technology, etc.</li> <li>PIA shall ensure seamless integration of S-NOC applications such as Fault management, Performance management and Trouble ticket management etc. with C-NOC.</li> <li>PIA shall establish mechanisms for real-time data synchronization between S-NOC and C-NOC applications. The integration shall be based on open APIs and event-based data shall be pushed by S-NOC to C-NOC on near real time basis.</li> </ul>	Would request authorities to please clarify on the GIS expectations against this requirement	To provide the big picture of technology led governance and automation aim, the GFGNL has floated the separate RFP and thus State NOC is the responsibility of GFGNL and it will be fulfilled on time including all digital tools like NMS, GIS, BSS, OSS etc. The potential bidders in this bid also may like to observe the RFP published on GFGNL website to minimize understanding level gap related to integration perspective. Please participate in that Bid.
922	-	1.3 Asset management	<ul style="list-style-type: none"> <li>PIA shall maintain a detailed inventory of all BharatNet network assets, including but not limited to routers, switches, OFC, RFMS and other infrastructure components. This inventory will be validated by the Independent Engineer (IE) and then approved by the GFGNL.</li> </ul>	Request to provide more details on this requirement	We have already provided all GP list with LGD code and asset details. We have given you 15 days time for survey on Page No.153 note i. Further, we advised to send authorized person for site visit. In case, any network confidential information is required, Please send your authorized person with NDA for better know-how.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
923	-	1.5 Network Provisioning and Utilization	<ul style="list-style-type: none"> <li>The network shall enable retail, enterprise and wholesale services as per the requirement of GFGNL.</li> <li>PIA shall provide all necessary support and facilitation to GFGNL and designated service provisioning agencies for provisioning and monitoring of services from S-NOC.</li> <li>PIA shall be responsible for coordinating and assisting GFGNL in provisioning and configuring network resources for effective network operations, service provisioning, assurance and utilization through retail or wholesale enterprise services such as FTTH, leased circuits, dark fibre and bandwidth leasing etc</li> </ul>	Request to provide more details on this requirement	It is self explanatory , Pl see revised corrigendum for additional details if any.
924	-	2.1 GIS data collection	<ul style="list-style-type: none"> <li>The record of Block, GP and any utility shall be maintained within a 50-meter corridor with an accuracy of 20 cm (25 meters on each side of the road's center line or within the road's right-of-way, whichever is greater)</li> </ul>	Request to provide more details on this requirement	As per RFP and in alignment with BSNL centrally issued BharatNet (ABP) RFP
925	-	2.2 Mobile app for data collection from field	<ul style="list-style-type: none"> <li>The video should support to record and identify depth, offset, ofc accessories details and landmarks of routes.</li> </ul>	Request to provide more details on this requirement	As per RFP and in alignment with BSNL centrally issued BharatNet (ABP) RFP

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
926	-	2.2.1 Video specifications	<ul style="list-style-type: none"> <li>• Visual evidence: Use calibrated vertical measuring tools to display depth in the video frame at every 10 meters for Open Trenching.</li> <li>• The following details (indicative) shall be captured in videos: <ul style="list-style-type: none"> <li>▪ Chainage (CH) details</li> <li>▪ Methodology type</li> <li>▪ Depth and Offset details.</li> <li>▪ Lat long of each pit, RI, splice chamber landmarks etc.</li> <li>▪ Crossing of roads</li> <li>▪ 3 reference points of RI, Block and GP</li> <li>▪ Major crossing</li> <li>▪ Forest area, etc</li> </ul> </li> </ul>	Request to provide more details on this requirement	As per RFP and in alignment with BSNL centrally issued BharatNet (ABP) RFP
927	-	3.1 Digital measurement book	<ul style="list-style-type: none"> <li>• Digital measurement book module of BharatNet C-NOC shall automatically calculate and update the work completed data including route length in RKM, depth etc. based on the videos uploaded during the execution of the work</li> </ul>	Request to provide more details on this requirement	GIS tool is in separate RFP. Already published on GFGNL website. Pls go through details.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
928	Clause 10 Section-II Page 285	10	Under Ground: ITU-T-G.657 (G.657A1).....	We understand that against this RFP Optical Fiber Cables to be supplied will be G657A1 Fiber only. During bid submission TSEC Certificate / QF103 of Optical Fiber Cable of relevant GR with G652D/G657A1 to be submitted/allowed. G657A1 Fiber has unique qualities & specifications like: Bend insensitive properties & better life reliability with lesser latency & life cycle of 25 years. G657A1 fibers are widely used by leading telecom companies like Bharat Airtel, Vodafone Idea, Reliance Jio for their telecom network creation	As per RFP
929	General - OEM Production Capacity	-	General - OFC Availability	Considering large roll out of Optical Fiber network on PAN India basis wide BSNL opportunity of 16 states, availability of OFC supply in state led initiatives may get impacted and may hinder the roll outs / go-live status in Gujarat. We request you to consider such OFC OEM suppliers who have adequate production capacity backed with their own <b>Fiber Drawing Towers</b> to ensure consistent availability of Fiber Glass and Optical Fiber Cables	Please refer updated eligibility criteria

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
930	SECTION-3 ELIGIBILITY CRITERIA	3.1, Note 2	Only One Consortium is allowed. Consortium shall be not exceed more than two(2) including the lead bidder. And it should be any of the active component's OEM till the entire contract duration and act as a key knowledge partner.	We kindly request you to amend the clause as below----- Only One Consortium is allowed. Consortium shall be not exceed more than two(2) including the lead bidder. And it should be any of the active or passive component's OEM till the entire contract duration and act as a key knowledge partner.	Duplicate with Query, Kindly refer the answer in Query (159)
931	-	4.62 TRAINING. b	The bidder shall provide training for the functioning of active elements like routers, SNOC elements, RFMS etc.	Is the Trainings are limite only to Routers, SNOC Element & RFMS	As per the RFP Clause. The bidder shall provide training including but not limited to the functioning of active elements like routers, SNOC elements, RFMS etc,
932	-	4.62 TRAINING.c	The training session frequency, duration and batch sizes shall be mutually decided so as to meet the actual requirement. It is anticipated that 1 man week training for every 200 GPs per year for first two years and 1 man week per 400 GP per year for subsequent years, should be sufficient. The training material including the videos around 100 hour per packages shall be shared by PIA to GFGNL and/or USOF and/or ultimate consignee, for further on line/offline training sessions as per the requirement.	Mention the no. of Training Hours of Video required per each functional element - Router, SNOC Elements & RFMS ets	The bidder is advised to revisit the RFP clause as already detailing on the training time is given.



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
933	-	Technical Specifications for EMS of Routers /11 / System Requirements	Server Specs: Minimum: 4-core CPU, 16 GB RAM, 500 GB SSD. Recommended: 8-core CPU, 32 GB RAM, 1 TB SSD.	Clarify whether the Servers to be provided by bidder or GFGNL will provide the VMs in the GFGNL's Data Center.	Please see preceding response
934	-	Technical Specifications for EMS of Routers / 12 / Platform Compatibility	Cross-platform support for Linux and Windows, compatible with virtualized and cloud-based environments.	Can the bidder propose either Linux or Windows or Unix based EMS.	Please see preceding response
935	-	Technical Specifications for EMS of Routers / 12 / Platform Compatibility	Cross-platform support for Linux and Windows, compatible with virtualized and cloud-based environments.	Please clarify "Cloud-based Environment" is private Cloud in the GFGNL's data center or Public Cloud.	Please see preceding response

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
936	-	Technical Specifications for EMS of Routers / 13 / Reporting	Customizable and pre-defined reports on network performance, fault trends, SLA compliance, and inventory.	Please clarify whether the EMS should provide NBI interface to OSS for report or EMS should be capable to generate the Reports	<p>Beyond technology terminology, we have specifically mentioned network service associated functionality, referred as 4S (Service Portfolio, Service Provisioning, Service Performance Monitoring, Service audit and security Compliance). The quoted product must abide with functional aspect to meet the business objectivity.</p> <p>The above is general principal and will apply across the RFP to derisk from proprietary terminology and elimination of competition. Hence, participants may go through the scope of work, functional aspects, supportive technical language for better understanding. However, specific to your question, the below is the response:</p> <p>The EMS should provide an NBI interface to OSS, BSS, and NMS for reporting. Additionally, if the EMS includes a reporting feature, the Bidder/OEM should not restrict GFGNL from generating reports for betterment of service performance.</p>
937	-	Technical Specifications for EMS of Routers / 18 / Scalability	Capable of managing up to 10,000 network elements with support for clustered and distributed deployment models.	Incase the OEM has the capability to manage more than 10000 NEs, Can the bidder propose a single EMS Platform for both Packages	<p>It is the bidder's responsibility to meet and provide products and associated software like EMS for technology led Network, automation and governance as 4S(Service Portfolio, Service Provisioning, Service Performance Monitoring, Service audit and security Compliance). The numeric level limitations and surplus capabilities is the issue limited to the OEM/ Bidder as far as relationship with GFGNL is concerned.</p> <p>if you lucky enough then you can provide single EMS for both packages. Ours is two packages.</p>

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
938	-	IV. Technical Specifications for Routers / 4 / Ports, Interfaces, Wavelength Distance Criteria`	For Switching capacity >=40Gbps <ul style="list-style-type: none"> <li>• 3 ports of 10G (Pluggable will be in scope of bidder as per solution design),</li> <li>• 3 ports of 1G/10G Pluggable will be in scope of bidder as per solution design</li> <li>• 4 Port of Electrical GE(RJ45 without SFP)</li> </ul>	Please clarify the requirement of Interface of total requirement of 10G, 1G/10G is total interface required is 3 Only or total interface required is 6	As per RFP; 3 ports of 10G, 3 ports of 1G/10G, 4 ports of electrical GE
939	-	IV. Technical Specifications for Routers / 3 / Minimum Specifications for IP-MPLS Block Router / Switching Capacity /	300Gbps at Sub-block location, 800Gbps at Master-Block location	Please clarify these are totally new locations which are not part of the Tender - Reference No: GFGNL/GFG/e-file/263/2023/0122-2 Dated : Date: 23/12/2024	Please see revision
940	-	IV. Technical Specifications for Routers / 5 / Minimum Specifications for IP-MPLS at GP Router/Power supply and FAN redundancy /	1+1 and Hot-swapable	Please clarify whether the Router with Fanless design is allowed for 40Gbps Router	Please see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
941	-	IV. Technical Specifications for Routers / 5 / Minimum Specifications for IP-MPLS at GP Router/Power supply and FAN redundancy /	1+1 and Hot-swappable	Please clarify whether the Router with 1+1 Power Redundancy without Hot-swappable is allowed for 40Gbps Router	Please see revision
942	-	IV. Technical Specifications for Routers / 5 / Minimum Specifications for IP-MPLS at GP Router/Input power and Surge Protection	AC (110 V to 280 V), Surge protection of 2KVA	Please clarify whether DC Router can be proposed instead of AC Power for the Routers	For GP router, Please consider AC powered router

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
943	-	IV. Technical Specifications for Routers / 8 / Temperature Range	The routers shall be installed in the buildings without air conditioning where adequate ventilation may or may not be available. Therefore, the routers shall meet the Temperature and Humidity Requirements as per Category B of QM-333 standard.	Please confirm whether can the Router comply to the equivalent International Standard instead of QM-333.	1) Fundamentally, we want wider competition, MII, ease in technical terminologies. 2) We are not intending for any proprietary terminologies and elimination of competition merely on ground of proprietary words / monopolized ask. To address this issue in general, the equivalence of any standard, proprietary words / monopolized ask, , bidder / OEM may provide equivalence of the same without dilution of functional ask.
944	-	IV. Technical Specifications for Routers / iv / d	Network must support next generation architecture to support future technologies like 5G etc.	Please confirm whether GNSS Receiver is required for Synchronization	GNSS or equivalent is allowed
945	-	IV. Technical Specifications for Routers / iv / d	Network must support next generation architecture to support future technologies like 5G etc.	Please confirm whether EVPN & Flex Algo need to be supported.	1) Fundamentally, we want wider competition, MII, ease in technical terminologies. 2) We are not intending for any proprietary terminologies and elimination of competition merely on ground of proprietary words / monopolized ask. To address this issue in general, the equivalence of any standard, proprietary words / monopolized ask, , bidder / OEM may provide equivalence of the same without dilution of functional ask.
946	SECTION-3 ELIGIBILITY CRITERIA	6 (MAF)	Minimum Requirement :TSEC/TAC approval	BIS License is sufficient which covers all mandatory safety requirements for UPS and IS reference is IS 16242, hence there is no need of TSEC/TAC approval. Please remove the TSEC/TAC certification requirement.	BIS Certification is allowed considering the fulfilling the technical specification mentioned in the RFP.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
947	SECTION-10 SPECIAL TECHNICAL CONDITIONS	X : Minimum Technical specifications for Uninterrupted Power Supply (UPS) System at GP	Certification	(i.) UL Certification : UL is a US based private Organization/Laboratory and it is not a regulatory requirement in India as already Central Govt. NABL Laboratories viz. CPRI/ETDC(STQC)/SAMEET/ERTL fully equipped for UPS Testing and hence there is no need of UL Certification. Please remove the UL certification requirement and incorporate/inclusion the requirement for a Type Test report issued from the Central Govt NABL accredited laboratory.	Please see revision
948	SECTION-10 SPECIAL TECHNICAL CONDITIONS	X : Minimum Technical specifications for Uninterrupted Power Supply (UPS) System at GP	Certification	The requirement for VE certificate is unclear and is not a recognized industry standard for UPS testing. Please remove the VE certification requirement.	Please see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
949	Fact Sheet	12	Bid Security/ Earnest Money Deposit (EMD) Amount Payable :Rs. 10 Cr (Rupees Ten Crore only) per package	<p>Clarification: Suppose, if the Bidder who is a Consortium of two/three members and participating in both packages in which Partner A is the Lead Member of the consortium in one package and Partner B is a Lead Member in other package, wherein the consortium remains the same then in such a scenario the EMD of aggregate INR 10 Cr should be acceptable from the Consortium jointly as the total requirement for both packages of Bid Security is the same.</p> <p>Justification: As the consortium members remain the same, it should be allowed that the Lead Bidder can be different for different packages as the bidding consortium remains the same. Requested to modify the clause as "Bid security to be payable by any of the consortium partner"-The EMD can be given in multiple combinations and by different members of the consortium.</p>	EMD to be provided separately package wise as per revise RFP

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
950	Fact Sheet	11	Bid Processing fee payable :Bidders shall submit, along with their bid, non-refundable bid processing fee of Rs. 15K/- +GST Extra (Fifteen Thousands Rupees -- only)+ GST extra, in the form of a DD on any nationalized bank payable in favor of "Gujarat Fibre Grid Network Limited"	Tender fees to be submitted by Lead bidder only/-	Yes
951	SECTION-2 INTRODUCTION	h	Bidders are also requested to get the technical information about the network implemented by GFGNL by referring to the RFP (Request for Proposal for Selection of Project Implementing Agency for BharatNet Phase-II project in the State of Gujarat under Gujarat Fibre Grid Network Limited). (Reference: <a href="https://bharatnet.gujarat.gov.in/tenders">https://bharatnet.gujarat.gov.in/tenders</a> )	Request to share current status of OFC and GPs.	Query answered above
952	SECTION-3 ELIGIBILITY CRITERIA	3.1 PRE-QUALIFICATION CRITERIA	In case of Consortium, the number of bidders including Lead Bidder can be maximum two.	In case of Consortium, the number of bidders including Lead Bidder can be maximum Three.	Refer corrigendum with Revised Prequalification Criteria Section



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
953	SECTION-3 ELIGIBILITY CRITERIA	3.1 PRE-QUALIFICATION CRITERIA-VII	However, the Bid Security shall be submitted for each package separately which are independent packages for the purpose of tender evaluation. Accordingly, financial bids are to be submitted separately against each package for which bids are submitted.	Single EMD for all packages	As Per RFP, No Change

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
954	SECTION-3 ELIGIBILITY CRITERIA	3.1 ( 2)	<p>Company Turnover:2.1 The Sole Bidder should have an average annual turnover of at least following values in last three (3) audited financial years ( FY 2021 22, FY 2022-23, and FY 2023-24 ) solely generated from the business of OFC Business/ ITeS / Telecom Networking field only,</p> <ul style="list-style-type: none"> <li>• Rs 1250 Crores for Package A</li> <li>• Rs 1250 Crores for Package B</li> </ul> <p>In Case Of Consortium: Lead bidder(in case of consortium) should have average annual turnover as per following in last three audited financial years ( FY 2021 22, FY 2022-23, and FY 2023-24 ) solely generated from the business of OFC deployment/ Telecom Networking / ITeS field only Only one consortium partner is allowed.</p>	<p>As this turnover criteria is very high , it is requested to reduce this criteria to allow more participant in this tender.</p> <p>In case of consortium of two members, at least 50% Average annual Turn Over requirement should be met by the Lead Member. <b>In case of consortium of three members, at least 40% Average annual Turn Over requirement should be met by the Lead Member.</b> Remaining turn over to be met by remaining consortium partners, cumulatively. However, the other members of the consortium should have minimum Rs. 100 Cr average annual turnover during last 3 financial years for Package A , Rs 50 Cr (average annual turnover during last 3 financial years) for packages B and Rs. 100 Cr average annual turnover during last 3 financial years, if participating for both Packages.</p> <p>Request to allow Two consortium partner .</p>	Refer corrigendum with Revised Prequalification Criteria Section

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
955	SECTION-3 ELIGIBILITY CRITERIA	3.1(4)	<p>The active nodes to be considered for this criterion can be include atleast, MPLS Routers, RFMS, Layer-3 Switches, Transport equipment(DWDM/PTN(packet and</p> <p>For ongoing projects</p> <ul style="list-style-type: none"> <li>• WO date must be earlier than one (1) year from bid released date(excluding bid released date).</li> </ul>	Enode-B (BTS) installation to be Considered .	Refer corrigendum with Revised Prequalification Criteria Section
956	SECTION-3 ELIGIBILITY CRITERIA	3.1	<b>Note 2 :One sole or lead bidder can bid for only one package</b>	Please clarify.	Refer corrigendum with Revised Prequalification Criteria Section
957	SECTION-3 ELIGIBILITY CRITERIA	3.2	<p>Experience Capability :Experience Capability: 5 Bidder Should have executed at least one (1) Networking Projects with Supply, Installation, Testing, Commissioning (SITC) or O&amp;M of in last 8 Years with minimum value For each Project worth <math>\geq</math> 1000 Cr : 5 Marks For each set of 2 projects worth <math>\geq</math> 750 Cr: 3 Marks</p>	<p>We request to consider work executed instead of Project worth . The bidder must have experience of 10,300 Kms, in Laying, Installation, Testing and Commissioning of Optical Fibre Cable (Underground), Duct and accessories in last 10 Years as on bid submission date : <b>5 marks</b></p>	Refer corrigendum with Technical Qualification Criteria

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
958	NEW	-	-	Request to share current status of Total Live Kms & Operational GPs (Fault free GPs).	We have already provided all GP list with LGD code and asset details. We have given you 15 days time for survey on Page No.153 note i. Further, we advised to send authorized person for site visit. In case, any network confidential information is required, Please send your authorized person with NDA for better know-how.
959	2	2.1.1	BharatNet Phase-1 Gujarat	Request to share GPs wise Fiber Length Route Km ( Incremental ( 24 OFC) & Leased) with current status of availability for Gujrat Phase-1 having 6761 GPs (111 Block,11 Distt)	Query answered above
960	2	2.1.1	BharatNet Phase-1 Gujarat	Request to share existing fiber length (48F) from Block to State Data centre.	We have already provided all GP list with LGD code and asset details. We have given you 15 days time for survey on Page No.153 note i. Further, we advised to send authorized person for site visit. In case, any network confidential information is required, Please send your authorized person with NDA for better know-how.
961	2	2.1.1	BharatNet Phase-1 Gujarat	Pls share existing infrastructure details for OLT & ONT location to support Gujrat Phase-1 having 6761 GPs (111 Block,11 Distt)	Query answered above

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
962	2	2.1.2	<b>BHARATNET PHASE II – PROJECT BACKGROUND</b> a)The connectivity is already done by laying end to end (GFGNL owned) OFC from Block to GPs location.	Pls share 1) 8037 GPs Linear Fiber length Route Kms from OLT to ONT & type of Fiber used (24F/48F/96F) . 2) Current availability & existing infrastruce details at Block & GPS . 3) OLT location & fiber route length with Fiber type used (24F/48F/96F) in exiting Network.	Query answered above
963	3	3.2	<b>TECHNICAL QUALIFICATION CRITERIA</b> Process for Bidder’s Final Scoring based on QCBS: The financial scores (Fs) of the other Financial Proposals will be computed as per the formula for determining the financial scores given below: $F_s = 100 \times \text{Flow} / F_b$ , Bidder Final Score (BFS) = $[(T_b/Thigh) \times 100 \times 0.5] + [(Flow/F_b) \times 100 \times 0.5]$  T <sub>b</sub> = The total marks obtained by the bidder against “Technical Qualification” criteria Thigh = The highest mark scored against “Technical Qualification” criteria among all responsive bids F <sub>b</sub> = Evaluated Bid Price of the bidder Flow = The lowest of the evaluated bid prices among the responsive bids	QCBS Standard is very high, due to this competition will be low and it will go to max rate	Refer corrigendum with Technical Qualification Criteria

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
964	3	3.2	<p>Bidder Should have executed at least one (1) Networking Projects with Supply, Installation, Testing, Commissioning (SITC) or O&amp;M of in last 8 Years with minimum value For each Project worth <math>\geq</math> 1000 Cr : 5 Marks</p> <p>For each set of 2 projects worth <math>\geq</math> 750 Cr: 3 Marks</p> <p>having components like Routers/Switches/RFMS/OFC/Layer-3 Switches/ Transport equipment (DWDM/PTN/OTN/ROADM/CPANs/OLT of 16 or more ports in last eight(8) years as on date of bid publish.</p>	<p>1) Pls clarify Networking Project, as per our understanding this includes supply, Installation &amp; testing, Commissioning of Fiber network/ITeS or O&amp;M of Fiber Network/ITeS.</p> <p>2) Pls consider criteria for the evaluation purpose of OFC network in Route km instead of value of the project .</p> <p>3) Please clarify in details for QCBS evaluation criteria.</p>	Refer corrigendum with Technical Qualification Criteria

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
965	4	4.2	<p>PERFORMANCE GUARANTEE</p> <p>i. The successful bidder/lead bidder shall furnish the Performance Bank Guarantees as mentioned below, towards faithful performance of the contract obligation and performance of the services during contract period. In case of breach/non-compliance of contract/SLA terms and conditions, Tenderer shall invoke the PBG.</p> <p>ii. The Bidder whose bids are accepted shall be required to submit two separate performance Bank Guarantees- one for the Project implementation phase and Maintenance Phase as below:</p> <p>a. 1st Bank Guarantee- Project Implementation Phase: The PIA, within 15 calendar days from the date of receipt of Notification of Award, shall furnish a Bank Guarantee equal to 5% of the CAPEX, valid till 100% go-live of the project/package or 18 months whichever is later. The Performance Bank Guarantee would be released upon submission of PBG for O&amp;M Phase.</p> <p>b. 2nd Bank Guarantee-O&amp;M Phase: The PIA, within 15 calendar days from the date of 100% Go Live, shall furnish a Bank Guarantee equal to 5% of the</p>	<p>Pls allow to Submit BG &amp; PBG in the Form Surety Bond as already allowed in other Tender of BharatNet against</p>	<p>Please see revision</p>

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
			OPEX value of the project, valid up to 180 days beyond the expiry of contract.		



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
966	5	5.1	i. Maximum penalty for delay in connectivity to the village shall be capped at 12% value of the O&M invoice for each quarter for that Block. Further, GFGNL, on behalf of USOF, shall have the right to get the work done at the risk and cost of the PIA in case work is not completed in 100 days.	Maximum penalty shall be 5% of Capex instead of 12% on pending delivery.	Pls see revision
967	7	7.3	7.3 PROJECT SLA AND PENALTY For Phase-I Deliverable Milestones Penalty % of the CAPEX value of the pending GPs based on aggregate milestones	Maximum penalty shall be 5% of Capex instead of 12% on pending delivery.	Pl see answer above
968	4	4.7	Bidders shall submit, along with their Bids, EMD of Rs. 10 Cr/- (Ten Crores rupees only), in the form of a Demand Draft OR in the form of an unconditional Bank Guarantee by Bank Guarantee (which should be valid for 6 months from the last date of bid submission) of any Nationalized Bank including the public sector bank or Private Sector Banks or Commercial Banks or Co-Operative Banks and Rural Banks (operating in India having branch at Ahmedabad/ Gandhinagar)	Please allow Insurance Surety Bond for EMD and PBG .	Please see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
969	4	4.32	<p>1st Bank Guarantee- Project Implementation Phase: The PIA, within 15 calendar days from the date of receipt of Notification of Award, shall furnish a Bank Guarantee equal to 5% of the CAPEX, valid till 100% go-live of the project/package or 18 months whichever is later. The Performance Bank Guarantee would be released upon submission of PBG for O&amp;M Phase.</p>	<p>Request to allow PBG as Insurance Surety Bond equal to 3% of the CAPEX</p>	<p>Please see revision</p>

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
970	6	6.2	Payment Schedule of Project ;  Milestone – 2 Digital Predefined and transparent Model(3D) for GP Lit Delivery (Material Supply), Draw (Fiber route laying) and Discovery (GP equipment visibility)	The Payment terms are not in line with EPC contracts & for better participation, we request you kindly to consider the following Payment Terms. MATERIAL: Billing event, Invoicing & Payment 1. The PIA can procure material for 50% GPs in 1st Phase of procurement. 2. In 2nd Phase of procurement the PIA can procure material for 25% GPs, provided 25% of 50% GPs for which material was procured in 1st phase have been commissioned. 3. In 3rd phase of procurement the PIA can procure material for balance 25% GPs provided 50% GPs for which material was procured in Phase 1 & 25% GPs for which material was procured in Phase 2 have been commissioned. <b>Payment of Material:</b> a) 60% value of the material will be paid on delivery of material at site and on verification by IE, the PIA will raise Invoices for 60% value of the material. b) 20% Value of material will be paid Block-wise on commissioning of 50% GPs in a Block. PIA will raise Invoice for 20% Value of material after ATC is issued by IE for 50% GPs in a Block. c) 10% Value of material will be	As per RFP

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
				<p>paid Block-wise on commissioning of 100% GPs in a Block. PIA will raise Invoice for 20% Value of material after ATC is issued by IE for balance GPs in a Block and mobilisation advance will be adjusted in this phase.</p> <p>SERVICES: Billing Event &amp;, Invoicing &amp; Payment</p> <p>1. 50% Value of Services will be paid Blockwise on commissioning of 50% GPs in a Block. The PIA will raise Invoice for 100% Value of 50% GPs in a Block after ATC is issued by IE. Payment to be made after adjustemnt of Proportionate Mobilisation Advance.</p> <p>2. Balance 50% Value of Services will be paid Blockwise on Commissioning of 100% GPs in a Block, (barring some GPs which are held up due to genuine reasons non-attributable to PIA and same will be confirmed by IE and BSNL representative on the ground).</p> <p>The PIA will raise Invoice for 100% Value of balance 50% GPs commissioned in the Block after ATC is issued by IE and all commissioned GPs are visible in S-NOC.</p> <p>Payment to be made after adjustemnt of Proportionate Mobilisation Advance.</p>	

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
				<p>If any retentions are proposed by BSNL in some alternate payment terms, we request that retention amount be released to PIA against submission of Additional Bank Guarantee by PIA to BSNL for equivalent amount. This will ease the liquidity position &amp; reduce finance cost of PIA to some extent and will also safeguard interest of BSNL/USOF by way of irrevocable Bank Guarantee.</p> <p>In case the payment terms remain unchanged then the participation is likely be very less and the finance cost to be loaded in bids will make the bids 2-3 times of estimated cost of the package.</p> <p>Kindly amend the clause.</p>	

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
971	Section 3	3.1	<p>2.1 The Sole Bidder should have an average annual turnover of at least following values in last three (3) audited financial years ( FY 2021- 22, FY 2022-23, and FY 2023-24 ) solely generated from the business of OFC Business/ ITeS / Telecom Networking field only,</p> <ul style="list-style-type: none"> <li>• Rs 1250 Crores for Package A</li> <li>• Rs 1250 Crores for Package B</li> </ul> <p>In Case Of Consortium: Lead bidder(in case of consortium) should have average annual turnover as per following in last three audited financial years ( FY 2021- 22, FY 2022-23, and FY 2023-24 ) solely generated from the business of OFC deployment/ Telecom Networking / ITeS field only. Only one consortium partner is allowed.</p>	<p>2.1 The Sole Bidder should have an average annual turnover of at least following values in last three (3) audited financial years ( FY 2021- 22, FY 2022-23, and FY 2023-24 ) solely generated from the business of OFC Business/ ITeS/Telecom Networking/<b>EPC fields</b>,</p> <ul style="list-style-type: none"> <li>• Rs 1250 Crores for Package A</li> <li>• Rs 1250 Crores for Package B</li> </ul> <p>In Case Of Consortium: <b>Bidder(any member of the consortium)</b> should have average annual turnover as per following in last three audited financial years (FY 2021- 22, FY 2022-23, and FY 2023-24) solely generated from the business of OFC deployment/Telecom Networking /ITeS/<b>EPC in Jal Jeevan &amp; Highway Infra fields only</b>. Only one consortium partner is allowed.</p> <p><b>Reason/Justification:</b></p> <ol style="list-style-type: none"> <li>1. Request EPC Company eligibility towards Average Annual Turnover prequalification criteria, as many EPC Companies have similar field execution experience.</li> <li>2. Also, with reference to the</li> </ol>	Refer corrigendum with Revised Prequalification Criteria Section

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
				<p>recently concluded BSNL Phase III bearing tender ref no: MM/BNO&amp;M/BN-III/T-791/2024, the fulfilment of the annual average turnover was not specific to any particular line of business alone, as this clause will restrict many financially and similar executional capable companies to bid whereas project execution experience for this tender can be met jointly by the consortium members towards participation, therefore requesting the above clause change.</p>	

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
972	Section 3	3.1 4.(i)	<p>The Sole or lead bidder in case of consortium should have demonstrable experience with following:</p> <p>i) For Optical Fibre: The Bidder should have experience of Laying, Installation, Testing and Commissioning of EPC Based Optical Fibre Cable (Underground), Duct and accessories as mentioned below in last 10 Years, as on this bid submission date: One Package: 8,000 Kms Two Package: 15,000 Kms</p> <ul style="list-style-type: none"> <li>In case the bidder desires to bid for both packages then the bidder must have experience of 10,300 Kms, in Laying, Installation, Testing and Commissioning of Optical Fibre Cable (Underground), Duct and accessories in last 10 Years as on bid submission date.</li> <li>The EPC OFC Construction project execution shall consist of both Supply and Construction of OFC Network.</li> </ul> <p>Note: 1. If bidder bids for both the packages and it is found that his experience is not meeting the work experience requirement of 10,300 Kms, as above, then in that case GFGNL reserve the right to consider his bid for relevant</p>	<p>The Sole or <b>any Member of Consortium</b> should have demonstrable experience with following:</p> <p>i) For Optical Fibre: The Bidder should have experience of Laying, Installation, Testing and Commissioning of EPC Based Optical Fibre Cable (Underground), Duct and accessories as mentioned below in last 10 Years, as on this bid submission date: One Package: 8,000 Kms <del>Two Package: 15,000 Kms</del></p> <ul style="list-style-type: none"> <li>In case the bidder desires to bid for both packages then the bidder must have experience of 10,300 Kms, in Laying, Installation, Testing and Commissioning of Optical Fibre Cable(Underground), Duct and accessories in last 10 Years as on bid submission date.</li> <li>The EPC OFC Construction project execution shall consist of both Supply and Construction of OFC Network.</li> </ul> <p>Note: 1. If bidder bids for both the packages and it is found that his experience is not meeting the work experience requirement of 10,300 Kms, as above, then in that case GFGNL reserve the right to consider his bid for relevant</p>	Refer corrigendum with Revised Prequalification Criteria Section



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
			package." AND	<p>package." AND</p> <p><b>Reason/Justification:</b></p> <p>1. With reference to the recently concluded BSNL Phase III bearing tender ref no: MM/BNO&amp;M/BN-III/T-791/2024, which is similar in scope and requirements, the fulfilment of the technical qualification was met by the Sole Bidder and in case of Consortium, the technical qualification was met jointly.</p> <p>By changing the above clause will enable similar executional capable companies to bid competitively.</p> <p>2. If the Bidder(Sole or Consortium) is bidding for both the packages then the above experience clause for 15,000 Kms and 10,300 Kms is contradictory hence request the authority to clarify.</p> <p>3. Also under <b>4.(ii) - Note 1</b> it clearly mentions that the "Sole bidder or members of the Consortium should meet the Technical Capability requirements either on their own or jointly", hence similar criteria should be open and applicable for the</p>	

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
				technical eligibility under the consortium criteria.	

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
973	Section 3	3.1 4.(ii)	<p>ii) For Equipment's : Experience of Telecommunication equipment installation, commissioning and O&amp;M of at least-</p> <ul style="list-style-type: none"> <li>• 1000 active nodes, if bidding for 1 package,</li> <li>• 2200 active nodes, if bidding for 2 packages,</li> </ul> <p>The active nodes to be considered for this criterion can include atleast, MPLS Routers, RFMS, Layer-3 Switches, Transport equipment(DWDM/PTN(packet and transmission equipments)/OTN/RON/CPANs/OLT of 16 or more ports.</p> <p><b>For completed projects</b></p> <ul style="list-style-type: none"> <li>• If WO date is older than 10 Years from bid released date(excluding bid released date), then work completion certificate must not be older than 9 years from bid released date.</li> <li>• If WO date &amp; Work completion date falls within 10 Years years from bid released date(excluding bid released date), it is ok.</li> </ul> <p><b>For ongoing projects</b></p> <ul style="list-style-type: none"> <li>• WO date must be earlier than one (1) year from bid released date(excluding bid released date).</li> </ul> <p><b>Note 1:</b> The Sole bidder or members of the Consortium</p>	<p><b>Note 1: The Sole bidder or members of the Consortium</b> should meet the Technical Capability requirements either on their own or jointly for the works awarded directly by the TSPs, Category-A ISPs, IP-1, Central Government, State Government, Municipal Corporations for Smart City Projects, BharatNet SPVs, PSUs for their own network and not sub-contracted works. However, for installation and commissioning of active nodes, the experience certificate issued by the OEMs for the works awarded by the TSPs to the OEMs shall also be considered. The above experience conditions can be met either through single project or multiple projects executed during last 10 Years years as on date of submission of bid. It is also clarified that the work experience issued by TSPs to the executing agencies for the USOF/DOT awarded projects shall also be accepted.</p> <p><b>Clarification:</b> The above Note 1 clearly mentions that the "<b>Sole bidder or members of the Consortium should meet the Technical Capability requirements either on their own or jointly</b>",</p>	Refer corrigendum with Revised Prequalification Criteria Section

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
			<p>should meet the Technical Capability requirements either on their own or jointly for the works awarded directly by the TSPs, Category-A ISPs, IP-1, Central Government, State Government, Municipal Corporations for Smart City Projects, BharatNet SPVs, PSUs for their own network and not sub-contracted works. However, for installation and commissioning of active nodes, the experience certificate issued by the OEMs for the works awarded by the TSPs to the OEMs shall also be considered. The above experience conditions can be met either through single project or multiple projects executed during last 10 Years years as on date of submission of bid. It is also clarified that the work experience issued by TSPs to the executing agencies for the USOF/DOT awarded projects shall also be accepted.</p> <p><b>Note 2:</b> The technical experience(on active elements only) for work executed in foreign countries for TSPs or Government shall also be considered.</p> <p><b>Note 3:</b> Regarding the experience certificate issued to IP-1 Service Provider, the concerned TSP or ISP has to certify that the TSP/ ISP has</p>	<p>hence similar criteria should be open and applicable for both technical and financial eligibility.</p>	

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
			<p>taken fibres on lease from the said IP-1 out of the network constructed using 24 or more fibre Under Ground OFC or ADSS/ OPGW/ Aerial OFC, as the case may be, which should be constructed and owned by the concerned IP-1 Service Provider for at least one completed year. TSP/ ISP shall also certify the Route KM of OFC with route wise details for which leasing has been done. The information may be submitted in the format mentioned.</p> <p><b>Note 4:</b> For installation and commissioning of active nodes, the experience certificate issued by the OEMs for the works awarded by the TSPs to the OEMs shall also be considered.</p> <p><b>Note-5:</b> If a bidder falls short of the EPC requirement through underground OFC-implementation, upto 40% of the EPC requirement can also be met through EPC work of 24 or more core Aerial Fiber Cables (deployed in BharatNet by BBNL or state SPV)/ ADSS/ OPGW OFC.</p> <p><b>Note-6:</b> If any project has been executed in the consortium, the lead bidder and the consortium partners can use the same project experience for qualification individually, if not participating as</p>		

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
			<p>the partner of same consortium. If they are participating as the consortium partners, then the experience shall be considered only once. However, other than consortium experience, the experience from any type of joint execution, like “teaming agreement, sub-contracting (including any EPC partnerships), backend partnership” shall not be considered.</p> <p><b>Note-7:</b> The above experience conditions can be met either through single project or multiple projects executed during last 10 years as on date of submission of bid.</p>		

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
974	Section 3	3.2 Note 1 & 4.14. (IV)	<p>II. Final evaluation will happen on QCBS (50:50), standard QCBS methodology shall be adopted.</p> <p><b>Process for Bidder's Final Scoring based on QCBS:</b> The financial scores (Fs) of the other Financial Proposals will be computed as per the formula for determining the financial scores given below: <math>F_s = 100 \times \text{Flow} / F_b</math>, Where, <math>F_s</math> = Normalized financial score for the bidder under consideration, <math>F_b</math> = Commercial quote for the bidder under consideration, Flow = Commercial quote of the lowest evaluated financial bid criteria</p> <p>50% weightage will be given to "Technical Qualification derived from Technical Qualification Criteria" and 50% weightage will be given to "Financial Bid".</p> <p>In order to have a comprehensive assessment of the Bid price and the Quality of each bid: Bidder Final Score (BFS) = <math>[(T_b/Thigh) \times 100 \times 0.5] + [(Flow/F_b) \times 100 \times 0.5]</math></p> <p>BID EVALUATION PROCESS</p> <p>IV. The financial bid of the qualified bidders will be opened</p>	<p>II. Final evaluation will happen on QCBS (50:50), standard QCBS methodology shall be adopted.</p> <p>Process for Bidder's Final Scoring based on QCBS: The financial scores (Fs) of the other Financial Proposals will be computed as per the formula for determining the financial scores given below: <math>F_s = 100 \times \text{Flow} / F_b</math>, Where, <math>F_s</math> = Normalized financial score for the bidder under consideration, <math>F_b</math> = Commercial quote for the bidder under consideration, Flow = Commercial quote of the lowest evaluated financial bid criteria</p> <p><b>30% weightage will be given to "Technical Qualification derived from Technical Qualification Criteria" and 70% weightage will be given to "Financial Bid".</b></p> <p>In order to have a comprehensive assessment of the Bid price and the Quality of each bid: <b>Bidder Final Score (BFS) = <math>[(T_b/Thigh) \times 100 \times 0.3] + [(Flow/F_b) \times 100 \times 0.7]</math></b></p> <p>BID EVALUATION PROCESS</p> <p>IV. The financial bid of the qualified bidders will be opened</p>	Refer corrigendum with Technical Qualification Criteria

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
			and H1, i.e., the winner through QCBS(50:50) highest mark obtained bidder shall be preferred to award the contract.	<p>and H1, i.e., the winner through <b>QCBS(30:70)</b> highest mark obtained bidder shall be preferred to award the contract.</p> <p><b>Reason/Justification:</b></p> <p>Since the evaluation on Technical parameters are subjective and may result in any biases if any, hence to have a neutral evaluation, request authority to change the above evaluation under QCBS as 20:80 ratio for technical and financial respectively.</p>	



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
975	Section 5	4.25.(l)	If the PIA damages other Private Service provider's cables /sewage line/ Government or public properties, such as electricity cable or roads etc., the damage charges/penalty will be paid by the PIA only as per the claim of such third party. GFGNL/USOF, DoT will not be liable to pay any penalty, or any damage charges made by the PIA as per the indemnity clause below:	<b>Clarification:</b> Will GFGNL provide all Third Party Utility Details to the PIA in the form of .shp / .kml files from respective Third Party / Govt. Authorities.	Bidder has to gather third party utility details during survey
976	Section 7	5.1	Establishment and Upgrade of State Network Operation Center (NOC): This will be addressed by separate tender to upgrade the existing NOC, including hardware and software licenses, and to integrate both the existing and new network devices for monitoring, supervision and O&M to meet the desired SLAs.	<b>Clarification:</b> Request authority to clarify if the Establishment and Upgradation of State Network Operation Center (NOC) will be completed before the 1st Milestone of Phase-III including New Construction and Old Upgradation of GPs	SNOC is the responsibility of GFGNL and it will be fulfilled on time. The PIA should not perceive any risk on account of GFGNL responsibility.
977	Section 5	5.3	FIBERIZATION AND DESIGN PRINCIPLES	<b>Clarification:</b> Request authority to clarify if GFGNL will provide all necessary .shp files with Fiber Specifications laid across Phase-I & Phase-II to convert them in to Phase-III IPMPLS connectivity and compatibility	We have already provided all GP list with LGD code and asset details. We have given you 15 days time for survey on Page No.153 note i. Further, we advised to send authorized person for site visit. In case, any network confidential information is required, Please send your authorized person with NDA for better know-how.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
978	Section 5	5.3) 7,8 & 9	Baseline criteria of existing fiber for Phase-I & Phase-II	<b>Clarification:</b> Request authority to clarify if GFGNL will handover the Network with the following Fiber loss guidelines with baseline & bestline criteria when using the existing fiber network of Phase-I and Phase-II	PIA will get payment based on achievement of Baseline or Bestline criteria. Pls go through RFP clauses - 5.3 and 6.2
979	Section 5	5.3.26	The Project Implementation Agency (PIA) shall be responsible for the survey, planning, design, supply, installation, end-to-end integration, and commissioning of newly deployed and upgradation of existing network infrastructure including Optical Fibre Cable (OFC) network. The PIA shall be responsible for connectivity across all Gram Panchayats (GP) of BharatNet Phase-I and Phase-II and ensure upgradation of the existing network infrastructure into ring topology with IP-MPLS network.	<b>Clarification:</b> Request authority to clarify and provide the existing Infra Details available in State NoC, Master Blocks, Sub-Blocks and GPs respectively towards bid preparation and costing by the Bidder	We have already provided all GP list with LGD code and asset details. We have given you 15 days time for survey on Page No.153 note i. Further, we advised to send authorized person for site visit. In case, any network confidential information is required, Please send your authorized person with NDA for better know-how.
980	Section 10	2.2	PIA shall use GFGNL mobile application & video recording solution for the BharatNet Project to accurately document project activities such as trenching, fibre laying, splicing and equipment deployment	<b>Clarification:</b> Request authority to clarify if the Mobile App given by GFGNL is DGPS Mounted, if not please confirm if the 20 cm accuracy is achieved by Mobile App without GNSS / DGPS	GFGNL will provide the Mobile application without any mounting device for capturing information at source. It is the responsibility of PIA to provide accurate information and therefore it is the responsibility of PIA to arrange the GNSS/DGPS for minimum 20cm accuracy as stipulated in the RFP. This is non-negotiable qualitative aspects of accuracy. Failing which captured data shall not be accepted and PIA shall be asked to capture the data again with GNSS/DGPS .

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
981	Section 5	5.11.(e)	Selected bidder has to provide Project Management Tool including Workflow management, RoW Management and integrated with GFGNL's existing GIS, i.e. the web portal / project management should be ready with RoW tracking details and made live update on day0	<b>Clarification:</b> Request authority to clarify if there is any Specific Project Management Tool to be used and also please confirm if Inter-Operability of GFGNL GIS Application will be achieved to this proposed PM tool.	GFGNL will provide PM tool. It is the responsibility of PIA to capture the datapoints for work progress. The capturing/entry into digital PM tool is very critical and essential as it bears direct co-relation with eligibility of seeking payments. Any lapses will result into denial of claims. GIS tool is in separate RFP. Already published on GFGNL website. Pls go through details.
982	Section 5	5.3.20	All UG OFC and ADSS OFC shall be armored and meet the technical specification.	<b>Clarification:</b> Request authority to clarify if ADSS OFC need to be armoured. Kindly specify the specs required for ADSS OFC	All UG OFC shall be armored, and UG OFC and ADSS OFC meet the technical specification.
983	Section 5	5.3.15	PIA has to do fiber work for "Repair-Reconstruct- Rectify- Replace" of existing fiber of Phase-I and Phase-II on rates mentioned in the annexure-F,	<b>Clarification:</b> Request authority to revise and revisit the prices as the Annexure F prices are not feasible since they were defined during Phase 1 & 2 execution and the same will not be applicable considering the supply price and inflationary escalations over this period.	As per RFP

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
984	SECTION-4 INSTRUCTIONS TO BIDDERS	4.7 BID SECURITY/ Earnest Money Deposit (EMD)	Bidders shall submit, along with their Bids, EMD of Rs. 10 Cr/- (Ten Crores rupees only), in the form of a Demand Draft OR in the form of an unconditional Bank Guarantee by Bank Guarantee (which should be valid for 6 months from the last date of bid submission) of any Nationalized Bank including the public sector bank or Private Sector Banks or Commercial Banks or Co-Operative Banks and Rural Banks (operating in India having branch at Ahmedabad/ Gandhinagar) as per the G.R. No. EMD/10/2020/42/DMO dated 19.10.2020 issued by Finance Department or further instruction issued by Finance department time to time; in the name of "Gujarat Fibre Grid Network Limited." payable at Gandhinagar (in the specified format and must be submitted along with the covering letter.	10 crores EMD per package is too high...since tender may take 2-3 months to get approved, our huge investment will be blocked. Kindly allow 5 cr per package in earnest money deposit	Pls see revision
985	v) FACT SHEET	9.Last date for submission of Bid/proposal	Date:- 28/02/2025 at 06:10 pm	We kindly request an extension of the bid submission deadline by two months. This will provide bidders with adequate time to prepare comprehensive and competitive proposals.	Bidder is requested to refer tender published website for further updates

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
986	SECTION-3 ELIGIBILITY CRITERIA	3.1 PRE-QUALIFICATION CRITERIA in table '2Company Turnover' Page no. 32	<p>2.1 The Sole Bidder should have an average annual turnover of at least following values in last three (3) audited financial years ( FY 2021-22, FY 2022-23, and FY 2023-24 ) solely generated from the business of OFC Business/ ITeS / Telecom Networking field only,</p> <ul style="list-style-type: none"> <li>• Rs 1250 Crores for Package A</li> <li>• Rs 1250 Crores for Package B</li> </ul> <p>In Case Of Consortium: Lead bidder(in case of consortium) should have average annual turnover as per following in last three audited financial years ( FY 2021-22, FY 2022-23, and FY 2023-24 ) solely generated from the business of OFC deployment/ Telecom Networking / ITeS field only Only one consortium partner is allowed.</p>	To allow more companies to participate and increase competition, it is suggested to keep the turnover of JV partner should be kept at ₹500 crore. This will help bring in more bidders while ensuring good quality and efficiency.	Refer corrigendum with Revised Prequalification Criteria Section
987	SECTION-3 ELIGIBILITY CRITERIA	3.1 PRE-QUALIFICATION CRITERIA Note 2: Consortium Criteria:	Only One Consortium is allowed. Consortium shall be not exceed more than two(2) including the lead bidder And it should be any of the active component's OEM till the entire contract duration and act as a key knowledge partner.	Kindly allow financial JV partner to participate in this tender.	Duplicate with Query, Kindly refer the answer in Query (159)

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
988	SECTION-3 ELIGIBILITY CRITERIA	3.1 PRE-QUALIFICATION CRITERIA	-	it will be too risky for a bidder who hasn't worked in bharat net-I and bharat net-II in gujarat, to bid for this tender. Kindly consider this tender item rate instead of EPC for fair competition	The purpose is outcome
989	Page No. 18	v) Fact Sheet	<b>Method of Selection (Define)</b> QCBS (50:50) H1 Based Selection	We request you to change and amend the evaluation criteria to <b>L1 based selection</b>	Please see revised RFP Clause
990	Page No. 19	v) Fact Sheet	<b>Contract Duration</b> 10 Years (3 Years of Implementation(As per Project timeline section), 10 Years of Operation and Maintenance) from the date of assigning workorder	We understand that O&M of the components shall start from respective Go-Live of the GPs and overall contract duration shall be capped at 10 years (including 3 years of Implementation). Kindly Confirm.	Pls refer Partial Go-Live and 100% Go-live guidelines
991	Page No. 19	v) Fact Sheet	<b>Contract Duration</b> 10 Years (3 Years of Implementation(As per Project timeline section), 10 Years of Operation and Maintenance) from the date of assigning workorder	Incase there is a delay in commissioning few of the GPs due to any reason, and complete project implementation is getting delayed due to same, we understand that contract duration shall not be extended beyond 10 years. Please confirm	Yes Interpretation is correct
992	Section 3 Page No. 33	3.1 Pre-Qualification Criteria	<b>2. Company Turnover</b> <b>Note:</b> 4. The lead bidder of one package is allowed to participate in only one package. However, Participation as a consortium member being a project experience partner in another package with other lead partner is allowed.	We request you to allow the participation of sole bidder or lead bidder (incase of consortium) for both the packages if they are eligible as per qualification mentioned.	Refer corrigendum with Revised Prequalification Criteria Section

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
993	Section 3 Page No. 34	3.1 Pre- Qualification Criteria	<p><b>4. Experience</b></p> <p>i) For Optical Fibre: The Bidder should have experience of Laying, Installation, Testing and Commissioning of EPC Based Optical Fibre Cable (Underground), Duct and accessories as mentioned below in last 10 Years, as on this bid submission date:            One Package: 8,000 Kms            Two Package: 15,000 Kms</p> <p>In case the bidder desires to bid for both packages then the bidder must have experience of 10,300 Kms, in Laying, Installation, Testing and Commissioning of Optical Fibre Cable (Underground), Duct and accessories in last 10 Years as on bid submission date.</p>	There is some ambiguity in the criteria for a bidder to participate in both the packages. Please clarify for a bidder to participate in both the package, OFC laying experience is required of 15000 Kms or 10300 Kms.	Refer corrigendum with Revised Prequalification Criteria Section

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
994	Section 3 Page No. 34	3.1 Pre-Qualification Criteria	<p><b>4. Experience</b></p> <p>i) For Optical Fibre: The Bidder should have experience of Laying, Installation, Testing and Commissioning of EPC Based Optical Fibre Cable (Underground), Duct and accessories as mentioned below in last 10 Years, as on this bid submission date:            One Package: 8,000 Kms            Two Package: 15,000 Kms</p> <p>In case the bidder desires to bid for both packages then the bidder must have experience of 10,300 Kms, in Laying, Installation, Testing and Commissioning of Optical Fibre Cable (Underground), Duct and accessories in last 10 Years as on bid submission date.</p>	<p>We understand that a company can utilize their parent/ subsidiary/ associate companies experience for project credential and bid. Please confirm if our understanding is correct.</p>	<p>Refer the RFP clause mentioned in Pre-bid Qualification Criteria</p>



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
995	Section 3 Page No. 37	3.1 Pre-Qualification Criteria	<p><b>6. MAF</b> 6.1 The Sole Bidder or lead Bidder (in case of consortium) should submit valid letter from each of the OEM (one and only one OEM for each component)</p>	<p>As you would appreciate that this is a very large package and one OEM may not be able to handle the complete project due to tight timelines. We request you to allow quoting multiple OEMs for each component as this shall provide some flexibility to the bidders for selecting the right OEMs based on their delivery capacity and support structure. Hence we suggest to amend the clause as below: "6. MAF 6.1 The Sole Bidder or lead Bidder (in case of consortium) <b>is allowed to quote maximum three (3) OEMs and should submit valid letter from each of the OEM (one and only one OEM for each component). Bidder should confirm the final OEM before the material delivery onsite.</b>"</p>	Duplicate with Query, Kindly refer the answer in Query (155)
996	Section 3 Page No. 42	3.1 Pre-Qualification Criteria	<p><b>Note 2: Consortium Criteria</b> 2. Only One Consortium is allowed. Consortium shall be not exceed more than two(2) including the lead bidder. And it should be any of the active component's OEM till the entire contract duration and act as a key knowledge partner.</p>	<p>Request to amend the clause as below: 2. Only One Consortium is allowed. Consortium shall be not exceed more than <del>two(2)</del> <b>Three (3)</b> including the lead bidder. And it should be <del>any of the active component's OEM</del> till the entire contract duration <del>and act as a key knowledge partner.</del></p>	Duplicate with Query, Kindly refer the answer in Query (159)

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
997	Section 3 Page No. 42	3.1 Pre- Qualification Criteria	<p><b>Note 2: Consortium Criteria</b> The lead bidder of one package is allowed to participate in only one package. However, The same lead bidder can participate in another package as a consortium member being a project experience partner. Any lead bidder or member of consortium of a given package, cannot participate as a bidding entity (lead or consortium member) in the same package either as lead or consortium member.</p>	We understand that a company can make consortium with their parent/ subsidiary/ associate companies and/or any other competent consortium partner to utilise their project experience credential and bid together. Please confirm, if our understanding is correct.	Refer corrigendum with Revised Prequalification Criteria Section

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
998	Section 3 Page No. 43	3.1 Pre-Qualification Criteria	<p><b>Note 4:</b> Any Bidder found to have a Conflict of Interest shall be disqualified. In the event of disqualification, GFGNL shall be entitled to blacklist/suspend the Bidder from participation in the tendering process for the work of DST(Department of Science and Technology) / any public sector undertaking engaged in Telecom / OFC business and any work under other Centrally Sponsored Schemes for a period of one year from the Bid Date and/or forfeit and appropriate the Bid Security or Performance Security, as the case may be, as mutually agreed genuine pre-estimated loss and damage likely to be suffered and incurred by GFGNL and not by way of penalty for, inter alia, the time, cost and effort of GFGNL, including consideration of such Bidder's proposal (the "Damages") without prejudice to any other right or remedy that may be available to GFGNL under the Bidding Documents or otherwise.</p>	<p>We would like to highlight that debarment or banning of an organization has a larger impact for business since bigger companies like L&amp;T Technology Services operates in multiple domain, business areas and multiple geographies. Considering the same we request to amend the clause as below:</p> <p>Any Bidder found to have a Conflict of Interest shall be disqualified. In the event of disqualification, GFGNL shall be entitled to <del>blacklist/suspend</del> <b>Terminate</b> the Bidder from participation in the tendering process for the work of DST(Department of Science and Technology) / any public sector undertaking engaged in Telecom / OFC business and any work under other Centrally Sponsored Schemes for a period of one year from the Bid Date and/or forfeit and appropriate the Bid Security or Performance Security, as the case may be, as mutually agreed genuine pre-estimated loss and damage likely to be suffered and incurred by GFGNL and not by way of penalty for, inter alia, the time, cost and effort of GFGNL, including consideration of such Bidder's proposal (the "Damages") without</p>	Refer corrigendum with Revised Prequalification Criteria Section

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
				prejudice to any other right or remedy that may be available to GFGNL under the Bidding Documents or otherwise.	

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
999	Section 3 Page No. 47	3.2 Technical Qualification Criteria	<p><b>Experience Capability:</b> Bidder Should have executed at least one (1) Networking Projects with Supply, Installation, Testing, Commissioning (SITC) or O&amp;M of in last 8 Years with minimum value For each Project worth <math>\geq 1000</math> Cr : 5 Marks For each set of 2 projects worth <math>\geq 750</math> Cr: 3 Marks</p> <p><b>In Case Of Consortium:</b> For each project worth - Lead bidder <math>\geq 800</math> Cr. and Consortium Partner <math>\geq 750</math> Cr. For each set of 2 projects worth - Lead bidder <math>\geq 600</math> Cr. and Consortium Partner <math>\geq 560</math> Cr.</p> <p>having components like Routers/Switches/RFMS/OFC/Layer-3 Switches/ Transport equipment (DWDM/PTN/OTN/ROADM/CPANs/OLT of 16 or more ports in last eight(8) years as on date of bid publish.</p>	We understand that the documentary proof mentioned as per pre-qualification criteria section 3.1 shall also be applicable for claiming the experience capability as mentioned on page 47 of 440. Kindly confirm	Yes, Refer corrigendum with Technical Qualification Criteria

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1000	Section 3 Page No. 47	3.2 Technical Qualification Criteria	<p><b>Experience Capability:</b> Bidder Should have executed at least one (1) Networking Projects with Supply, Installation, Testing, Commissioning (SITC) or O&amp;M of in last 8 Years with minimum value For each Project worth <math>\geq</math> 1000 Cr : 5 Marks For each set of 2 projects worth <math>\geq</math> 750 Cr: 3 Marks</p> <p><b>In Case Of Consortium:</b> For each project worth - Lead bidder <math>\geq</math>800 Cr. and Consortium Partner <math>\geq</math>750 Cr. For each set of 2 projects worth - Lead bidder <math>\geq</math>600 Cr. and Consortium Partner <math>\geq</math>560 Cr.</p> <p>having components like Routers/Switches/RFMS/OFC/Layer-3 Switches/ Transport equipment (DWDM/PTN/OTN/ROn/CPANs/OLT of 16 or more ports in last eight(8) years as on date of bid publish.</p>	We understand that on going projects shall be accepted for experience capability of technical qualification in line with the pre-qualification criteria. Kindly confirm	Yes, Refer corrigendum with Technical Qualification Criteria

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1001	Section 3 Page No. 47	3.2 Technical Qualification Criteria	<p><b>Experience Capability:</b> Bidder Should have executed at least one (1) Networking Projects with Supply, Installation, Testing, Commissioning (SITC) or O&amp;M of in last 8 Years with minimum value For each Project worth <math>\geq 1000</math> Cr : 5 Marks For each set of 2 projects worth <math>\geq 750</math> Cr: 3 Marks</p> <p><b>In Case Of Consortium:</b> For each project worth - Lead bidder <math>\geq 800</math> Cr. and Consortium Partner <math>\geq 750</math> Cr. For each set of 2 projects worth - Lead bidder <math>\geq 600</math> Cr. and Consortium Partner <math>\geq 560</math> Cr.</p> <p>having components like Routers/Switches/RFMS/OFC/Layer-3 Switches/ Transport equipment (DWDM/PTN/OTN/RON/CPANs/OLT of 16 or more ports in last eight(8) years as on date of bid publish.</p>	<p>Kindly amend the clause as:</p> <p><b>Experience Capability:</b> Bidder Should have executed at least one (1) Networking Projects with Supply, Installation, Testing, Commissioning (SITC) or O&amp;M of in last 8 Years with minimum value For each Project worth <math>\geq 1000</math> Cr : 5 Marks For each set of 2 projects worth <math>\geq 750</math> Cr: 3 Marks</p> <p><b>In Case Of Consortium:</b> For each project worth - Lead bidder <math>\geq 800</math> Cr. and Consortium Partner <math>\geq 200</math> Cr. For each set of 2 projects worth - Lead bidder <math>\geq 600</math> Cr. and Consortium Partner <math>\geq 100</math> Cr.</p> <p>having components like Routers/Switches/RFMS/OFC/Layer-3 Switches/ Transport equipment (DWDM/PTN/OTN/RON/CPANs/OLT of 16 or more ports in last eight(8) years as on date of bid publish.</p>	Refer corrigendum with Technical Qualification Criteria

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1002	Section 3 Page No. 47	3.2 Technical Qualification Criteria	<b>TQ- 2 - bid capacity</b> The available bid capacity of the following entities as commitment (Undertaking) for Gujarat to execute project on time a) Bidder b) Fiber OEM c) Duct OEM d) UPS OEM	We request you to provide the template for undertaking which needs to be submitted against this clause	Refer corrigendum with Technical Qualification Criteria
1003	Section 3 Page No. 47	3.2 Technical Qualification Criteria	<b>TQ - 3 Offered Product Portfolio</b> (will be as part of contract): <ul style="list-style-type: none"> <li>• Passive Component (Supplied quantity in last 3 years, Manufacturing capacity, Delivery commitment in Gujarat, Service support)</li> <li>• Active Component (Past supplies of offered family and visibility software (EMS) single UI, Repair &amp; return commitment)</li> <li>• Power Backup (Supplied quantity in last 3 years)</li> </ul> Note: This marking will be based on Percentile. This will be part of the contract and deliverables and same shall be diligently applied in WO/Agreement	We understand that the mentioned clause is applicable for OEMs of passive component, active component, Power backup and documentary evidence needs to be submitted from the OEMs only. No documents are required from bidder against this clause. Please confirm.	pl see revision



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1004	Section 3 Page No. 47	3.2 Technical Qualification Criteria	<p><b>TQ - 3 Space utilization</b>  <b>Space utilization (“U” in Size)</b> at Site by proposed solution Least Size among Bid participants = 5 marks, Least Size to &lt; 150% of Least size = 3 marks , More than 150% of Least size = 2 marks</p> <p><b>Power Consumption (“KWH” in Unit per Hour)</b> at Site by proposed solution Least Units among Bid participants = 5 marks, Least Size to &lt; 120% of Least size = 3 marks, More than 120% of Least size = 2 marks</p>	We understand that the sizing has to be proposed as a part of the solution document based on which marks shall be awarded. No separate undertaking or document is required against this clause. Please confirm	Refer corrigendum with Technical Qualification Criteria
1005	Section 3 Page No. 47	3.2 Technical Qualification Criteria	<p><b>TQ - 4 Fiberization strategy For Phase-I:</b>  <b>Fiberization Strategy for improving overall health of the link &amp; redundant link :</b></p> <ul style="list-style-type: none"> <li>• Clarity on broad principles mentioned in the RFP, HLD with traffic engineering, ,% GP above the base criteria for dual homing,</li> <li>• Integration with Phase-2 ,</li> <li>• Special planning for optimization of fiber planning desert area like Kutchh,</li> <li>• % Scope of rework declared by PIA (10 % to 20%)( lower % will be having high mark)</li> </ul>	We understand that the sizing has to be proposed as a part of the solution document based on which marks shall be awarded. No separate undertaking or document is required against this clause. Please confirm	Refer corrigendum with Technical Qualification Criteria

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1006	Section 3 Page No. 48	3.2 Technical Qualification Criteria	<b>TQ - 5 Fiberization strategy For Phase-2:</b> <b>•Fiberization Strategy for improving overall health of link &amp; redundant link:</b> Clarity on broad principles mentioned in the RFP, <b>•% GP above the base criteria for dual homing,</b> <b>•HLD with traffic engineering</b> <b>•% Scope of rework declared by PIA (5% to 10%)</b> (lower % will be having high mark)	We understand that the sizing has to be proposed as a part of the solution document based on which marks shall be awarded. No separate undertaking or document is required against this clause. Please confirm	Refer corrigendum with Technical Qualification Criteria
1007	Section 3 Page No. 48	3.2 Technical Qualification Criteria	<b>TQ- 6</b> <b>HoTo Commitment :</b> Any slippages in taking over process is non-negotiable. Additional offering as contractual commitment on Early completion of HoTo will be rewarded with additional 1 marks per month per phase basis or part thereof.	We understand that the sizing has to be proposed as a part of the solution document based on which marks shall be awarded. No separate undertaking or document is required against this clause. Please confirm	Refer corrigendum with Technical Qualification Criteria

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1008	Section 3 Page No. 48	3.2 Technical Qualification Criteria	<b>TQ - 7</b> <b>Minimum Up-time including power protection:</b> Minimum of 98.5 % at GP is having 7 marks, Each increase in 0.5%, 1 marks will be awarded up to maximum of 10 marks <b>Mean time to restore (MTTR) :</b> 4 hrs : 2 marks, <= 4 hrs : additional 1 marks for each reduction in MTTR in slot of 15 min up to max 5 marks	We understand that the sizing has to be proposed as a part of the solution document based on which marks shall be awarded. No separate undertaking or document is required against this clause. Please confirm	Refer corrigendum with Technical Qualification Criteria
1009	Section 3 Page No. 48	3.2 Technical Qualification Criteria	<b>TQ - 8</b> <b>Early Roll-out commitment:</b> •Bidder can showcase their expertise and give revise milestone for early rollout of the project. Marking will be given based on percentile of highest commitment from the bidder.	We understand that the sizing has to be proposed as a part of the solution document based on which marks shall be awarded. No separate undertaking or document is required against this clause. Please confirm	Refer corrigendum with Technical Qualification Criteria
1010	Section 3 Page No. 157	5.13.3 HAND-OVER/TAKE-OVER EXISTING OPERATION( APPLICABLE FOR PHASE-I & PHASE-II NETWORK)	a). Selected Agency will be responsible to provide confirmation about successful Handover/ Take over operations from existing agency at the end of milestone defined in section 5.9.2.1(A1) period to the GFGNL. The selected agency shall depute the required resources as per the requirements of tender document for carrying out the operations activity.	The mentioned annexure <b>5.9.2.1(A1)</b> for HOTO is not available in the RFP. Kindly share the annexure <b>5.9.2.1(A1)</b> .	Kindly refer this as 5.13.3.1 (A1) & 5.13.3.1 (A1) instead of 5.9.2.1(A1)

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1011	Section 4 Page No. 56	4.13 Rejection of Bids	<p><b>Technical Rejection criteria:</b></p> <p>c. Failure to furnish all information mentioned in the RFP or submission of a bid not substantially responsive to the RFP in every respect.</p> <p>g. If the bid does not conform to the timelines indicated in the RFP.</p>	<p>We request that if authority feels that there is some shortfall in the document submitted by bidder, authority should ask clarification with adequate time to submit the required document.</p> <p>We understand that the rejection criteria clauses shall be applicable only when bidder is not providing the required clarifications asked by the tenderer within the given timeline. Kindly confirm.</p>	<p>It is obligation on part of bidder to submit proper bid alongwith supporting valid documents. However, for transparent, ease of evaluation, and to control inordinate delay the following standard process will be adopted.</p> <p>i) The Bid evaluation team will quickly compile and put classified information under three (3) categories.</p> <p>a) Notable documents/ information , b) clarification related documents, c) missing documents.</p> <p>ii) One-time equal opportunity to all bidders may be given for sending authorized representatives for quick compliances / shortfall as per above classified information under each category to avoid un-necessary to-and-fro communications and inordinate delay.</p> <p>iii) Further, one time equal opportunity to all bidders shall be given in writing seeking clarification/ Bonafede shortfall related to the documents with maximum time limit of 5 calendar days.</p> <p>iv) The willful default in submission of mandatory information during the bid process evaluation is good reason for rejection.</p>

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1012	Section 4 Page No. 70	4.37 Easements, Permits, Licenses and other Facilities	<p>The PIA shall obtain at its own cost, all easements, permits and licenses, required to execute the contract including but not limited to following:</p> <p>a. "Right of Way" easements and permits.</p> <p>b. Railway, Highway, Forest and other Authorities crossing permits including bridge.</p> <p>c. Canal/stream crossing permits.</p> <p>d. ROW</p> <p>PIA shall pay applicable charges against the demand note/estimate raised by the concerned authorities. PIA shall submit the copies of the proof of payment along with the invoices for reimbursement.</p>	<p>Kindly modify this clause and confirm that all easements, permits and license necessary to do work including following for which the payment to the concerned authorities shall be provided by GFGNL against the demand note/estimate raised by the concerned department.</p> <p><b>"Bidder shall support GFGNL for follow up and coordination with the concerned authorities for expediting such permits/licenses &amp; Payment will be done by GFGNL only"</b></p>	<p>For better understanding the latest GR/Circulars/Guidelines on ROW for BharatNet Project (on State and Central Government portals) may be referred. The bidder is responsible for obtaining ROW permissions. if required, GFGNL will facilitate in co-ordination with local bodies/government agencies.</p>
1013	Section 4 Page No. 71	4.37 Easements, Permits, Licenses and other Facilities	<p>VI. At locations where the optical fiber cable trench is routed across or along railways or roads the bidder shall without extra cost provide and maintain such detours and road controls as are required by the railways or government or local agencies having jurisdiction.</p>	<p>We understand the bidder will be paid as per the the actual Rkm implemented based on the quoted Unit rates.</p> <p>Kindly confirm.</p>	<p>As the project is EPC based, bidder has to arrange necessary detours and road controls as required by the relevant authorities. These types of arrangements must be provided and maintained by the bidder/PIA without any extra cost to the project.</p>

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1014	Section 5.10 Page No. 135	5.10 LAST MILE CONNECTIVITY TO THE VILLAGES	XIV). The entire quoted/ finalized price of Last Mile Connectivity is split in the ratio of 68:32 against CAPEX: OPEX charges. Thus, 1% of the price shall be paid per quarter, as OPEX of that quarter and remaining 0.875% shall be paid against CAPEX out of total 1.875%.	In this clause mentioned CAPEX:OPEX ratio is 68:32. Whereas, in the financial bid (Section Financial bid format, Page 223 of 440) the Operation of Maintenance cost of first 5 years is 27.5% and Next five year is 32.5%, Which totals to 60% for 10 Years. It contradicts with the mentioned clause Section 5.10 SrNo. XIV. Please clarify the CAPEX : OPEX which shall be quoted for the last mile connectivity.	Pls see revision
1015	SECTION-8 FINANCIAL BID Page No. 227	Financial Bid format	<b>Note:</b> ii). The Operation Cost for O&M of 10 years (i.e., O&M contract duration) covering existing and new BharatNet network should not be greater than 60% of total Bid value.	In financial bid format, % for O&M is already defined as 5.5% for 1st five years and 6.5% for Next five years which sums to 60% of the quoted CAPEX value ( Item 1 and 2). There is no provision to quote OPEX higher/lower than the mentioned value. Hence the clause mentioned in note ii is irrelevant. Please clarify the clause.	No Change as per RFP

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1016	SECTION-8 FINANCIAL BID Page No. 227 & Page No. 54	Financial Bid format <b>Notes:</b> 4.9 SECTION COMPRISING THE BIDS	<b>Financial Bid format (Page no 227)</b> <b>Notes:</b> viii). Above charges should be inclusive of all applicable taxes & GST.  <b>4.9 SECTION COMPRISING THE BIDS ( Page no 54)</b> iii) Offered price should be inclusive of all applicable taxes (anywhere in Gujarat state) However, Component included should mentioned count, unit type, price, Taxes should be mentioned separately.	In the clauses it is mentioned that the financial bid should be inclusive of all the applicables Taxes and GST. Whereas, in <b>section 4.54 TAXES &amp; DUTIES in Sr no. i (Page no. 79 of 440)</b> it is mentioned that <b><i>"The quoted offer should be exclusive of Taxes. Taxes shall be paid extra on actual, as applicable"</i></b> . Kindly clarify whether the bidder should submit the offer with taxes or without all the applicables taxes & GST.	Bid will be evaluated excluding the taxes, Pl refer the revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1017	Section 6 Page No. 188	6.2 Payment Schedule of Project	<p><b>6.2 Payment Schedule of Project</b></p> <p>Milestone - 1 1. Kick off meeting, Signing off MSA, demand of mobilization advance - 10% of Capex value (Upon submission of ABG of 110% of mobilization advance)</p> <p>Milestone - 2 2. Digital Pre defined and transparent Model(3D) for GP Lit Delivery (Material Supply), Draw (Fiber route laying) and Discovery (GP equipment visibility) - <b>For Phase-I GPs:</b> 30% of Capex value per GP, <b>For Phase-I Revenue villages:</b> 30% of Capex value per Revenue village, <b>For Phase-II GPs:</b> 25% of Capex value per GP &amp; <b>For Phase-II Revenue villages:</b> 25% of Capex value per Revenue village <b>For Phase-I GP only:</b>— Additional 1% of capex value per GP will be paid for meeting bestline criteria.</p> <p>Milestone - 3 Sub-block to Sub-block Ring closure - <b>For Phase-I and Phase-II GPs:</b> 20% of Capex value per GP <b>For Phase-I and Phase-II Revenue villages:</b> 20% of Capex value per</p>	<p>Request you to kindly amend the payment terms as:</p> <p><b>6.2 Payment Schedule of Project</b></p> <p>Milestone - 1 1. Kick off meeting, Signing off MSA, demand of mobilization advance - 10% of Capex value (Upon submission of ABG of 110% of mobilization advance)</p> <p>Milestone - 2 <b>2. Material Supply on pro-rata basis</b> <b>For Phase-I GPs:</b> <del>30%</del><b>40%</b> of Capex value per GP, <b>For Phase-I Revenue villages:</b> <del>30%</del><b>40%</b> of Capex value per Revenue village, <b>For Phase-II GPs:</b> <del>25%</del> <b>40%</b> of Capex value per GP &amp; <b>For Phase-II Revenue villages:</b> <del>25%</del> <b>40%</b> of Capex value per Revenue village <b>For Phase-I GP only:</b>— Additional 1% of capex value per GP will be paid for meeting bestline criteria.</p> <p>Milestone - 3 Sub-block to Sub-block <b>90%</b> Ring closure - <b>For Phase-I and Phase-II GPs:</b> <del>20%</del> <b>20%</b> of Capex value per GP <b>For Phase-I and Phase-II Revenue villages:</b> <del>20%</del> <b>20%</b> of Capex value per Revenue village</p>	Pls see revision



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
			<p>Revenue village  <b>For Phase-I GP only:</b>— Additional 1% of capex value per GP will be paid for meeting bestline criteria.</p> <p>Milestone - 4  GP ring closure and Service testing -</p> <p><b>For Phase-I GPs:</b> 20% of Capex value per GP  <b>For Phase-I Revenue villages:</b> 20% of Capex value per Revenue village  <b>For Phase-II GPs:</b> 25% of Capex value per GP  <b>For Phase-II Revenue villages:</b> 25% of Capex value per Revenue village</p>	<p><b>For Phase-I GP only:</b>— Additional 1% of capex value per GP will be paid for meeting bestline criteria.</p> <p>Milestone - 4  GP <b>90%</b> ring closure and Service testing -</p> <p><b>For Phase-I GPs:</b> <del>20%</del><b>20%</b> of Capex value per GP  <b>For Phase-I Revenue villages:</b> <del>20%</del><b>20%</b> of Capex value per Revenue village  <b>For Phase-II GPs:</b> <del>25%</del><b>20%</b> of Capex value per GP  <b>For Phase-II Revenue villages:</b> <del>25%</del><b>20%</b> of Capex value per Revenue village</p>	

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1018	Section 6 Page No. 188	6.2 Payment Schedule of Project	<p>Milestone – 5 Inspection and end deliverables of the project - <b>For Phase-I GPs:</b> 20% of Capex value per GP <b>For Phase-I Revenue villages:</b> 20% of Capex value per Revenue village <b>For Phase-II GPs:</b> 20% of Capex value per GP <b>For Phase-II Revenue villages:</b> 20% of Capex value per Revenue village <b>Phase-I GP only:</b> Additional 2% of capex value per GP will be paid for meeting bestline criteria.</p> <p>Milestone - 6 <b>Paid in quarterly basis in equal instalments.</b> 1. Post Go-Live of Sub-block. 2. Go-live of Sub block should be considered on successful completion of atleast 95% of GPs scope in respective Sub block and will be eligible for 100% O&amp;M.</p>	<p>Request you to kindly amend the payment terms as: Milestone – 5 Inspection and end deliverables of the project - <b>For Phase-I GPs:</b> <del>20%</del>10% of Capex value per GP <b>For Phase-I Revenue villages:</b> <del>20%</del>10% of Capex value per Revenue village <b>For Phase-II GPs:</b> <del>20%</del>10% of Capex value per GP <b>For Phase-II Revenue villages:</b> <del>20%</del>10% of Capex value per Revenue village <b>Phase-I GP only:</b> Additional 2% of capex value per GP will be paid for meeting bestline criteria.</p> <p>Milestone - 6 <b>Paid in quarterly basis in equal instalments.</b> 1. Post Go-Live of Sub-block. 2. Go-live of Sub block should be considered on successful completion of atleast <del>95%</del> 90% of GPs scope (<b>excluding the GPs impacted due RoW issues</b>) in respective Sub block and will be eligible for 100% O&amp;M.</p>	Pls see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1019	Section 6 Page No. 188	6.1 PROJECT TIMELINES	<p><b>6.1 PROJECT TIMELINES</b></p> <p><b>T+1 Month</b> - Issuance of Award of Work and work order for Phase 1 and Phase 2</p> <p>.</p> <p>.</p> <p>.</p> <p><b>T+29 Months</b> Aggregate commissioning of 100% GPs of Phase-I in a ring visible on the S-NOC with IP-MPLS with village connectivity <b>for Phase 1</b></p> <p><b>T+29 Months</b> Aggregate commissioning of Balance GPs on ring OFC with IP-MPLS with village connectivity <b>Phase 2</b></p> <p><b>T+30 Months</b> Aggregate commissioning of Balance GPs on ring OFC with IP-MPLS with village connectivity <b>Phase 1</b></p> <p><b>T+30 Months</b> Aggregate commissioning of Balance GPs on ring OFC with IP-MPLS with village connectivity <b>Phase 2</b></p>	<p>The scope of work is extensive and includes deployment works at large geographic locations . The minimum lead time for the procurement and supply of all the IT and Non-IT component will require 25-30 weeks. Hence, it is very challenging for any bidder to meet such stringent timelines for Supply, Installation and Commissioning as per RFP</p> <p>Kindly amend the project timeline as:</p> <p><b>6.1 PROJECT TIMELINES</b></p> <p><b>T+1 Month</b> - Issuance of Award of Work and work order for Phase 1 and Phase 2</p> <p>.</p> <p>.</p> <p>.</p> <p><del><b>T+29 Months</b></del> <b>T+35Months</b></p> <p>Aggregate commissioning of 100% GPs of Phase-I in a ring visible on the S-NOC with IP-MPLS with village connectivity <b>for Phase 1</b></p> <p><del><b>T+29 Months</b></del> <b>T+35Months</b></p> <p>Aggregate commissioning of Balance GPs on ring OFC with IP-MPLS with village connectivity <b>Phase 2</b></p> <p><del><b>T+30 Months</b></del></p> <p><b>T+36Months</b>Aggregate commissioning of Balance GPs on ring OFC with IP-MPLS with village</p>	<p>The timelines are non-negotiables. It is the basic expectation from PIA to finish the project on this timelines only. The upward revision in timelines is not possible</p>

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
				<p>connectivity <b>Phase 1</b>  <del>T+30 Months</del> T+36Months  Aggregate commissioning of  Balance GPs on ring OFC with IP-  MPLS with village connectivity  <b>Phase 2</b></p>	

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1020	Section 7 Page No. 202	SECTION-7 SERVICE LEVEL AGREEMENT(SLA) & PENALTY	Notes: g. Penalty for deviation in delivery timelines / milestone to be achieved will be ceiling capped at 15% of total CAPEX of respective package.	Kindly amend the SLA capping as: g. Penalty for deviation in delivery timelines / milestone to be achieved will be ceiling capped at <del>15%</del> 10% of total CAPEX of respective package.	As per RFP
1021	Section 7.9.17 Page no. 220	7.9.17 PROCESS TO MEASURE THE SLA AND PENALTY	Notes: a) The quarterly operational penalty is capped at 20% of quarterly actual invoice value for clause mentioned above . However, if such value of 20% is reached for any Two Quarters consequently during the contract period, then the TENDERER will have the right to terminate the contract.	Kindly amend the SLA capping as: a) The quarterly operational penalty is capped at <del>20%</del> 10% of quarterly actual invoice value for clause mentioned above . However, if such value of <del>20%</del> 10% is reached for any <del>Two</del> Three Quarters consequently during the contract period, then the TENDERER will have the right to terminate the contract.	Since GFGNL thriving to get availability of network to a extend greater than telecom grads, PIA shall be facilitate to use cutting edge technologies of GIS and NMS. With added advantage of these tool GFGNL expecting vigilance from PIA. Hence, no change.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1022	Section 8 Page No. 228	8.1 Rights to Vary Quantities	ii). Additional quantities up to 50% of works contained in the running tender/ contract can be ordered during the contract execution stage or within a period of twelve months (earliest one)from date of commissioning of 90% of GPs ( and 100% blocks ) at the same rate or a rate negotiated (downwardly) with the existing contractors considering the reasonability of rates based on prevailing market conditions and the impact of reduction in taxes and material/services to be obtained within time period scheduled afresh.	Considering the long duration of the project implementation kindly note that the OEMs will not hold the prices for 3 years due to various factors like commodity price escalation, exchange rate variation etc.. Hence request to amend the clause as follows: <i>"Additional quantities up to 50% of works contained in the running tender/ contract can be ordered <b>within 1 years from the date of PO during the contract execution stage or within a period of twelve months (earliest one)from date of commissioning of 90% of GPs (and 100% blocks) at the same rate or a rate negotiated (downwardly) with the existing contractors considering the reasonability of rates based on prevailing market conditions and the impact of reduction in taxes and material/services to be obtained within time period scheduled a fresh."</b></i>	Clause is already aligned with centralized reference tender

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1023	Section 8 Page No. 228	8.1 Rights to Vary Quantities	iii). In exceptional situation where the requirement is of an emergent nature and it is necessary to ensure continued works from the existing contractors, GFGNL reserves the right to place repeat order up to 100% of the quantities of material/ services contained in the running tender/ contract during the contract execution stage or within a period of twelve months from the date of completion of project at the same rate or a rate negotiated (downwardly) with the existing contractors considering the reasonability of rates based on prevailing market conditions and the impact of reduction in duties and taxes etc.	In case of emergency situation request to kindly consider the rate as per mutually agreed upon based on the prevailing rates and amend the clause as follows: <i>"In exceptional situation where the requirement is of an emergent nature and it is necessary to ensure continued works from the existing contractors, GFGNL reserves the right to place repeat order up to 100% of the quantities of material/ services contained in the running tender/ contract during the contract execution stage or within a period of twelve months from the date of completion of project at the same rate or a rate negotiated (downwardly) at mutually agreed upon rates with the existing contractors considering the reasonability of rates based on prevailing market conditions and the impact of reduction in duties and taxes etc"</i>	Clause is already aligned with centralized reference tender

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1024	Section 4 Page No. 85	4.60 Appendix - 1 - Critical Instructions to Bidder	<p>7. Network Security/ Safety/ Privacy:- If the vendor tampers with the hardware, software/ firmware or in any other way that:</p> <p>a) Adversely affects the normal working of GFGNL equipment(s) and/ or any other TSP/ISP through GFGNL.</p> <p>b) Disrupts/Sabotages functioning of the GFGNL network equipment such as Shelter,OFC, BSNL Ph-1 exchanges, Control equipments,Dark fibres, both active and passive network elements,transmission equipment but not limited to these elements and/ or any other TSP/ISP through GFGNL.</p> <p>c) tampers with the billing related data/invoicing/ account of the Customer/User(s) of GFGNL/Ph-I BSNL and/ or any other TSP(s)/ISPs.</p> <p>d) hacks the account of GFGNL/Ph-I BSNL Customer for unauthorized use i.e. to threaten others/ spread improper news etc.</p> <p>e) undertakes any action that affects/endangers the security of India.</p>	<p>Since other recourses against Contractor's default are available such as Forfeit of PBG, LD etc, It is requested to kindly remove the Banning Clause &amp; amend as follow:</p> <p>i) Termination of PO/ WO / Forfeit of PBG in accordance to the pending works of the contractor</p> <p>ii) <del>Banning of business for 3 years which implies barring further dealing with the vendor for procurement of Goods &amp; Services including participation in future tenders invited by DFT / GFGNL for 3 years from date of issue of banning order.</del></p>	<p>Given the national significance of this project, bidders are expected to uphold the highest standards of security, safety, privacy, and integrity. Therefore, this clause shall remain non-negotiable in the RFP.</p>



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1025	Section 4 Page No. 88	4.60 Appendix - 1 - Critical Instructions to Bidder	<p>12. The following cases may also be considered for Banning of business:</p> <p>(a) If there is strong justification for believing that the proprietor, manager, MD, Director, partner, employee or representative of the vendor/ supplier has been guilty of malpractices such as bribery, corruption, fraud, substitution of tenders, interpolation, misrepresentation with respect to the contract in question.</p> <p>(b) If the vendor/ supplier fails to execute a contract or fails to execute it satisfactorily beyond the provisions of Para 4.1 &amp; 4.2.</p> <p>(c) If the vendor/ supplier fails to submit required documents/ information, where required.</p> <p>(d) Any other ground which in the opinion of GFGNL is just and proper to order for banning of business dealing with a vendor/ supplier.</p>	<p>Since other recourses against Contractor's default are available such as Forfeit of PBG, LD etc, It is requested to kindly remove the Banning Clause &amp; amend as follow:</p> <p>Termination of PO/ WO/Forfeit of PBG in accordance to the pending works of the contractor</p> <p><del>Banning of business for 3 years which implies Barring further dealing with the vendor for procurement of Goods &amp; Services including participation in future tenders invited by DFT/GFGNL for 3 years from date of issue of banning order.</del></p>	<p>Given the national significance of this project, bidders are expected to uphold the highest standards of security, safety, privacy, and integrity. Therefore, this clause shall remain non-negotiable in the RFP.</p>

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1026	Section 4 Page No. 93	4.66 Sub-Contractors for Services	The eligibility conditions for the Sub Contractors shall be at least 50% of the proportionate technical eligibility mentioned in Eligibility Criteria for the proposed subcontracted works other than material supplies. While according to approval, GFGNL shall evaluate the Sub Contractors eligibility based on its technical experience considered against already approved sub-contracts in the same or any package of this project. If such sub-contracted works are completed, the experience can be re- considered.	Request you to delete the clause	Query answered above
1027	Section 4 Page No. 97	Annexure B Conduct of Conciliation Proceedings by OEC	a. The OEC shall comprise of atleast 3 members, appointed by USOF/ GFGNL.	We suggest to add the following provision for appointment of arbitrator as follows:  "Failing the appointment of OEC in accordance to the above, OEC shall comprise of three arbitrators, each party shall appoint one arbitrator, and the two appointed arbitrators shall appoint the third arbitrator who shall act as the presiding arbitrator under the terms of Section 11 of Arbitration and Conciliation Act, 1996".	As per the terms of Section 11 of Arbitration and Conciliation Act, 1996, the key provisions allow the parties to decide the procedure for appointing arbitrators. For better satisfaction of bidder, GFGNL has ensured about the independency and impartiality of the arbitrator. For more details, bidder is advised to refer Annexure-B and subsequent Appendix - Declaration of Independence and Impartiality by OEC Member. Hence, the RFP Clause remains unchanged.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1028	Section 4 Page No. 80	4.56 Fall Clause	<p>b. GFGNL, for the extended period, if any, will determine and intimate the new price, taking into account various related aspects such as quantity, geographical location etc., and the date of its effect for the balance works to the vendor. In case the vendor does not accept the new price to be made applicable during the extended period and the date of its effect, GFGNL on behalf of USOF, DoT shall have the right to terminate the contract without accepting any further works. This termination of the contract shall be at the risk and responsibility of the Contractor and GFGNL reserves the right to give work order for the balance works at the risk and cost of the defaulting vendor besides considering the forfeiture of its performance security.</p>	<p>We would like to bring to your kind attention that due to increase in prices of semiconductors, it is very difficult to keep the same prices for long duration. Therefore we request you to kindly amend the clause as follow:</p> <p>GFGNL, for the extended period, if any, will determine and intimate the new price, taking into account various related aspects such as quantity, geographical location etc., and the date of its effect for the balance works to the vendor. <b>The prices will be decided based on mutual discussion and agreement between GFGNL &amp; PIA.</b></p>	<p>To avoid unnecessary delays in documentations (from PIA on justification of price) and in the negotiation process, GFGNL on behalf of USOF/DoT will take the responsibility to determine the new price taking in to account various related aspects such as quantity, geographical locations, etc. Hence, the RFP Clause remains unchanged.</p>

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1029	Section 7 Page No. 203	7.4 Third Party Damage	a) If the PIA damages other Private Service provider's cables /sewage line/ Government or public properties, such as electricity cable or roads etc., the damage charges/penalty will be paid by the PIA only as per the claim of such third party. GFGNL/USOF, DoT will not be liable to pay any penalty or any damage charges made by the PIA as per the indemnity clause below:	It is requested to kindly confirm whether equipments theft, Intentional fiber cut, fiber Damage by any third party will be taken care by GFGNL and suitable time and cost compensation due to the above will be provided by GFGNL.	Bidder is solely responsible for compensation of the damage made. Refer the various clauses mentioned in the RFP for mitigation of theft(insurance), damage from third party(FRT and various technology laid models) for references.
1030	Section 4 Page No. 90	4.63 Documents required for Claiming Payment	d) E-waybill as prescribed in the GST law in case of movement of goods (if applicable)	In case of consortium, the E-way bill can be acceptable in the name of any member of the consortium. Kindly confirm.	The E-way bill is to be on the name of which the WO has been awarded (Lead bidder).
1031	Section 4 Page No. 66	4.33 Termination by Tenderer	XIII. GFGNL reserves the right to discontinue the contract any time in future depending upon directions from USOF, DoT	It is requested to clarify that bidder will not be liable for theft & Vandalism.	The project mainly funded by USOF/DOT/GOI, hence final decision will be abide to state as well as bidders/PIAs. However, bidder is advised to revisit the RFP Clause 4.39 (IV on Insurance)

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1032	Section 4 Page No. 67	4.33 Termination by Tenderer	XII. Termination for Convenience: GFGNL on behalf of USOF, DoT, may, by prior written notice sent to the contractor at least 03 months in advance, terminate the Contract, in whole or in part at any time for its convenience. The notice of termination shall specify that termination is for USOF, DoT's/ GFGNL's convenience, the extent to which performance of work under the Contract is terminated, and the date upon which such termination becomes effective	We understand, in case of termination as per direction from USOF,DoT kindly confirm that the PIA shall be paid 100% amount of the items supplied and for services delivered as on date of termination including Work in progress at site.  Further as per price schedule there is no separate supply and services defined. Hence request to define the guidelines for working out the split between supply and service scope.	Query answered above, Refer the clarification in Corrigendum in section - "Suspension Of Work"
1033	Section 7 Page No. 203	7.6 Penalty for Cutting / Damaging the Old Cable	a) During excavation of trench, utmost care is to be taken by the bidder, so that the existing underground cables of GFGNL are not damaged or cut. In-case any damage/ cut is done to the existing cables of GFGNL, a penalty as per the schedule given below will be charged from the bidder or the amount will be deducted from his running bills.	It is requested to kindly provide the OFC route map or L14 Diagram for OFC Route so that proper estimation for route can be done	Pl refer preceding responses.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1034	Section 4 Page No. 72	4.39 Labour Welfare Measures and Workman Compensation	I. Obtaining License before commencement of work. The bidder shall obtain a valid labour license under the Contract Labour (R &A) Act 1970 and the Contract Labour (Regulation and Abolition) Central Rules 1971, before commencement of the work, and continue to have a valid license until the completion of work. The bidder shall also abide by the provisions of the Child Labour (Prohibition and Regulation) Act 1986. Any failure to fulfill this requirement shall attract the penal provisions of the contract arising out of the resultant non-execution of work.	In case of participating as a consortium, we understand that GFGNL shall issue Form 5 under Contract labour act to all consortium partners separately. Kindly confirm.	We are promoting ease of doing business and accordingly un-necessary paper work will be discouraged. However, In general, it is an unwritten understanding that participants in the bid shall follow law of land. In case if GFGNL find any anomaly or some false practices then GFGNL reserves all the rights to ask information, certifications, explicitly mentioned in the rule book of Governance/GFR.
1035	Section 5 Page No. 104	5.1 Scope of Work	<b>c) Upgradation:</b> To upgrade the existing network infrastructure from linear to IP-MPLS based ring topology across GPs and Block locations.	It is requested to kindly clarify that Bidder shall not be responsible for the issues in the existing Linear network across GP. Also, the delay caused due to any issues with the existing Linear network will not lead to levy of penalty to the bidder. The Bidder scope is limited to upgrade from Linear to IP-MPLS based ring topology for existing network. Kindly confirm.	The bid is on EPC model for blending, creativity of private sectors in fiberization, and cost optimization, measurable scientific outcome for simplified payments against numeric level deliverables which are clearly defined in the RFP for faster roll-out linked with timely payment for ease of doing business and high network uptime. Refer detail scope in RFP, HoTo procedure etc.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1036	Section 3 Page No. 42	Note 2: Consortium Criteria	e. GFGNL shall have the rights to release payments solely to the Lead Member and shall not in any manner be responsible or liable for the inter se allocation of payments among members of the Consortium.	<p>We would like to bring to your kind attention the following.</p> <ul style="list-style-type: none"> <li>- Lead member shall be responsible for the overall performance of the contract and shall be solely responsible towards GFGNL on behalf of all the consortium members.</li> <li>- However, for the purpose of payment, the consortium members shall submit their invoice addressed to GFGNL through the lead member.</li> <li>- GFGNL shall upon certification of the invoice, disburse the payment as authorised by the Lead Bidder to respective consortium members under their respective GST registration.</li> <li>- In case of any dispute/discrepancy, the Lead member alone shall be held responsible towards GFGNL on behalf of the consortium members.</li> </ul> <p>Please confirm the same.</p> <p>The above arrangement for flow down of payment from GFGNL shall enable the consortium members to submit most competitive proposal.</p>	As Per RFP, No Change

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1037	Section 7.9.14 Page no. 218	7.9.14 PENALTY ON SPARE NON AVAILABILITY	ii). In case any equipment is not repairable due to non-availability of the spares, PIA shall replace the supplied products with equal or upgraded/ higher version during life time of contract (10 years) at free of cost.	We recommend to clearly include Schedule for providing Mandatory Contract Spares for the O&M period which shall be delivered at the time of supply of the equipments. Any spare requirement over and above the defined mandatory spare list shall be procured separately by the purchaser from the OEM directly. In case of any extension of the project beyond 10 years PIA shall not be responsible for spares or replacement of products.	Refer In the section 5.13.4, Network inventory, spare percentage given against each major components.
1038	Section 4.66 Page no. 93	4.66 SUB- CONTRACT S FOR SERVICES	i). Sub- Contracting to any other agency can be done with prior approval of GFGNL (being an agent of USOF, DoT), only upto 70% of the contract value for services {not exceeding 70% CAPEX excluding material cost}.	Please amend this clause to enhance the sub-contracting limit upto 70% of the total Capex Contract value (including both supply and services).	Please refer revision
1039	Section 4.66 Page no. 93	4.66 SUB- CONTRACT S FOR SERVICES	iii). The no. of Sub Contractors shall be limited to maximum 25 in case of packages.	Considering the large geographical span and complexity of the Project, we request not to restrict nos of sub-contractors to be deployed by the PIA in any package. However, PIA shall duly inform GFGNL about the details of sub-contractors to be deployed at site.	PI see revision



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1040	Section 4.66 Page no. 93	4.66 SUB-CONTRACTS FOR SERVICES	The eligibility conditions for the Sub Contractors shall be at least 50% of the proportionate technical eligibility mentioned in Eligibility Criteria for the proposed subcontracted works other than material supplies. While according to approval, GFGNL shall evaluate the Sub Contractors eligibility based on its technical experience considered against already approved sub-contracts in the same or any package of this project. If such sub-contracted works are completed, the experience can be re- considered.	Considering the large and complex scope to be delivered in a time bound manner, we request GFGNL to confirm that the eligibility conditions for the sub-contractor shall be at least 10% of the proportionate technical eligibility mentioned in eligibility criteria for the proposed subcontracted works other than material supplies.	Pl see revision
1041	Section 4.33 Page no. 66	4.33 TERMINATION BY THE TENDERER	xiii). GFGNL reserves the right to discontinue the contract any time in future depending upon directions from USOF, DoT	<p>We understand, In case of termination as per direction from USOF,DoT kindly confirm that the PIA shall be paid 100% amount of the items supplied and for services delivered as on date of termination including Work in progress at site.</p> <p>Further as per price schedule there is no separate supply and services defined. Hence request to define the guidelines for working out the split between supply and service scope.</p>	Please see revision with clause "Suspension with Work"

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1042	Section 4.33 Page no. 66	4.33 TERMINATION BY THE TENDERER	xiii). GFGNL reserves the right to discontinue the contract any time in future depending upon directions from USOF, DoT	Further as per price schedule there is no separate supply and services defined. Hence request to define the guidelines for working out the split between supply and service scope.  Alternatively, we request you to amend the price schedule and allow bidder to quote prices for Supply & Services separately so that prices for each type of activity can be discovered through this bid process.	Please refer query answered above
1043	Section 4.33 Page no. 66	4.33 TERMINATION BY THE TENDERER	xiii). GFGNL reserves the right to discontinue the contract any time in future depending upon directions from USOF, DoT	PIA shall be given atleast 6 months notice and should be covered for all cost incurred in such scenario. Kindly confirm	Please see revision with clause "Suspension with Work"
1044	Section 7.6 Page no. 203	7.6 PENALTY FOR CUTTING/DAMAGING THE OLD CABLE	a). During excavation of trench, utmost care is to be taken by the bidder, so that the existing underground cables of GFGNL are not damaged or cut. In-case any damage/ cut is done to the existing cables of GFGNL, a penalty as per the schedule given below will be charged from the bidder or the amount will be deducted from his running bills.	It is requested to kindly provide the OFC route map or L14 Diagram for OFC Route so that proper estimation for route can be done	Pl refer preceding responses.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1045	Section 4.56 Page no. 80	4.56 FALL CLAUSE	b). GFGNL, for the extended period, if any, will determine and intimate the new price, taking into account various related aspects such as quantity, geographical location etc., and the date of its effect for the balance works to the vendor.	<p>We would like to bring to your kind attention that it is very difficult to keep the same prices for long duration. Therefore we request you to kindly amend the clause as follow:</p> <p>GFGNL, for the extended period, if any, will determine and intimate the new price, taking into account various related aspects such as quantity, geographical location etc., and the date of its effect for the balance works to the vendor. <b>The prices will be decided based on mutual discussion and agreement between GFGNL &amp; PIA.</b></p>	To avoid unnecessary delays in documentations (from PIA on justification of price) and in the negotiation process, GFGNL on behalf of USOF/DoT will take the responsibility to determine the new price taking in to account various related aspects such as quantity, geographical locations, etc. Hence, the RFP Clause remains unchanged.
1046	Section 7.4 Page no 203	7.4 THIRD PARTY DAMAGE	a). If the PIA damages other Private Service provider's cables /sewage line/ Government or public properties, such as electricity cable or roads etc., the damage charges/penalty will be paid by the PIA only as per the claim of such third party. GFGNL/USOF, DoT will not be liable to pay any penalty or any damage charges made by the PIA as per the indemnity clause below:	It is requested to kindly confirm whether equipments theft, Intentional fiber cut, fiber Damage by any third party will be taken care by GFGNL and suitable time and cost compensation due to the above will be provided by GFGNL.	Pl refer preceding responses.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1047	Section 4.26 Page no. 62	4.26 UTILITIES	i). Notwithstanding anything to the contrary contained herein, the PIA shall ensure that the Government Instrumentalities owning the existing roads, right of way or utilities, on, under or above the Site (Route) of the New Network and/or the Existing Network are enabled by it to keep such utilities in continuous satisfactory use, if necessary, by providing suitable temporary or permanent diversions with the authority of the controlling body of that road, right of way or utility, and shall initiate and undertake at its own cost, legal proceedings for acquisition of any right of way necessary for such diversion	Kindly modify the clause incorporating the following.  <b>1.PIA shall not be held responsible for delay in obtaining Row permission.</b> <b>2.All Statutory fees including Demand Draft in form of DD or BG to be directly submitted in name of the Tendering Authority.</b> <b>3.Bidder's responsibility shall be limited to do the follow up and coordination for the purpose of documentation only. Authority will also facilitate RoW clearance with various agencies with cost compensation for RoW upon producing relevant documents.</b>	For better understanding the latest GR/Circulars/Guideline on ROW for BharatNet Project (on State and Central Government portals) may be referred. The bidder is primarily responsible for applications, documentations if any and obtaining necessary permissions. However, if required GFGNL will facilitate in coordination with local bodies/government agencies.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1048	Section 4.39 Page no. 72	4.39 LABOUR WELFARE MEASURES AND WORKMAN COMPENSA TION	i). Obtaining License before commencement of work. The bidder shall obtain a valid labour license under the Contract Labour (R &A) Act 1970 and the Contract Labour (Regulation and Abolition) Central Rules 1971, before commencement of the work, and continue to have a valid license until the completion of work. The bidder shall also abide by the provisions of the Child Labour (Prohibition and Regulation) Act 1986. Any failure to fulfill this requirement shall attract the penal provisions of the contract arising out of the resultant non-execution of work.	In case of participating as a consortium, we understand that GFGNL shall issue Form 5 under Contract labour act to all consortium partners separately. Kindly confirm.	Refer the query answer above
1049	Section 5.2 Page no. 105	5.2 DETAILED SCOPE OF WORK	<b>i. The scope of work includes,</b> * Upgradation of linear network onto ring network of Phase-I and Phase-II GPs where it is Constructed in Linear)	It is requested to kindly clarify that Bidder shall not be responsible for the issues in the existing Linear network across GP. Also, the delay caused due to any issues with the existing Linear network will not lead to levy of penalty to the bidder. The Bidder scope is limited to upgrade from Linear To Ring architecture for existing network. Kindly confirm.	Repeated query, kindly see preceding response

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1050	Section 5.2 Page no. 109	5.2 DETAILED SCOPE OF WORK	xiv). .....The PIA shall replace the existing GPON equipment with IP-MPLS routers (Access/ Aggregator)	<p>It is requested to kindly clarify:</p> <p>1.PIA has to dismantle the existing GPON equipments &amp; handover it to GFGNL which require the dismantling services along with the transportation cost. It is requested to kindly clarify the guideline for handing over these GPON equipments to the GFGNL warehouses.</p> <p>2. Please confirm that in case GFGNL is not taking handover within 1 week the PIA shall have the right to dispose off the equipment. Kindly confirm.</p>	After the Go-Live and traffic migration, one time dismantling, proper packaging and transportation within Gujarat shall be in scope of bidder without any additional cost to GFGNL. The location will be conveyed by the GFGNL at the time of transportation.
1051	5	5.2	Detailed Scope of Work Point number xi - Selected PIA has to consider the Vadodara as a Disaster recovery (DR) at Vadodara State DR for Existing State Data center at Gandhinagar and should plan the OFC network in between the Vadodara and Gandhinagar.	Please confirm whether the PIA scope involves only planning the OFC network in between the Vadodara and Gandhinagar. Will there be any other details to be taken care by PIA at both the locations.	IT and Non-IT components in DR are out of scope for the Bidder. The bidder's scope related to DR is limited to fibrization(2CNO) and associated work for termination of fiberization in the DR and RFMS for fiber health while designing and optimizing the network.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1052	10	5	Technical Specifications for EMS of routers Backup and Recovery - Automated backups, disaster recovery, and failover support for uninterrupted management	Please confirm the desired disaster recovery / business continuity plan.	The backup location and all equipment's related to that is the responsibility of GFGNL and accordingly RPO and RTO provisioning preparedness is also the responsibility of GFGNL. The role of PIA is limited to ensure backup is happening as part of O&M activity related to DR and mock drill twice in a year without disturbance of services. In case, PIA found non-serious or not doing mock drill twice in a year, then Rs. 1 lakh per mock drill shall be deducted from the O&M. This deduction will be over and above the penalty cap limit.
1053	NA	NA	General	Please provide the room dimension and floor-layout of the existing Gandhinagar State Datacenter along with the existing electrical IT peak load details information.	Space and power arrangement at SNOC is responsibility of GFGNL.
1054	NA	NA	General	Please provide whether PIA needs to perform any Non-IT and IT related works at both the sites. If anything is required please specify under scope of work.	The bid is on EPC model for blending, creativity of private sectors in fiberization, and cost optimization, measurable scientific outcome for simplified payments against numeric level deliverables which are clearly defined in the RFP for faster roll-out linked with timely payment for ease of doing business and high network uptime. Refer detail scope in RFP.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1055	NA	NA	General	Please specify the scope of work deliverables required at Vadodara State DR site by PIA. Whether the Gandhinagar DC and Vadodara State DR sites will be planning to run same set of IT resources in terms of both hardware and software.	IT and Non-IT components in DR are out of scope for the Bidder. The bidder's scope related to DR is limited to fiberization(2CNO) and associated work for termination of fiberization in the DR and RFMS for fiber health while designing and optimizing the network.
1056	NA	NA	General	How about the existing Datacenter tier rating standards of Gandhinagar and Vadodara state data center.	IT and Non-IT components in DR are out of scope for the Bidder. The bidder's scope related to DR is limited to fiberization(2CNO) only while designing and optimizing the network.
1057	NA	NA	General	What is the acceptable amount of recovery point objective and recovery time objectives?	The backup location and all equipment related to that is the responsibility of GFGNL and accordingly RPO and RTO provisioning preparedness is also the responsibility of GFGNL. The role of PIA is limited to ensure backup is happening as part of O&M activity related to DR and mock drill twice in a year without disturbance of services. In case, PIA found non-serious or not doing mock drill twice in a year, then Rs. 1 lakh per mock drill shall be deducted from the O&M. This deduction will be over and above the penalty cap limit.
1058	NA	NA	General	What is the preferred backup target medium? Whether disk or tape system?	The backup location and all equipment related to that is the responsibility of GFGNL. The role of PIA is limited to ensure backup is happening as part of O&M activity related to DR.



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1059	<b>SECTION-5 SCOPE OF WORK</b>	5.13.9 OTHER NETWORK O&M PARAMETERS	s) Existing GFGNL NMS (NMSWorks) will support interfaces such as SNMP/JAVA/CORBA/XML/REST API. Selected PIA needs to integrate all EMS with existing NMS of GFGNL only and no need to develop new NMS.	Kindly confirm all references of NMS in this RFP, refer to the existing NMS/OSS (NMS Works) operational at GFGNL.	Pls see preceding responses
1060	<b>SECTION-5 SCOPE OF WORK</b>	5.1 SCOPE OF WORK	e) Establishment and Upgrade of State Network Operation Center (NOC): This will be addressed by separate tender to upgrade the existing NOC, including hardware and software licenses, and to integrate both the existing and new network devices for monitoring, supervision and O&M to meet the desired SLAs.	Kindly confirm any scope related to supply, development and support of existing NOC applications (EMS, NMS, OSS, BSS/ERP, GIS, Workforce Management etc.) shall be addressed by GFGNL as part of the mentioned separate tender.	Pls see preceding responses
1061	<b>SECTION-5 SCOPE OF WORK</b>	5.1 SCOPE OF WORK	e) Establishment and Upgrade of State Network Operation Center (NOC): This will be addressed by separate tender to upgrade the existing NOC, including hardware and software licenses, and to integrate both the existing and new network devices for monitoring, supervision and O&M to meet the desired SLAs.	Kindly confirm if Bidder is required to Operate (Service Assurance, Service Fulfilment) any of the existing NOC applications and tools provided by GFGNL as part of the project and O&M phase, or shall this be the scope of separate PIA onboarded for NOC?	Pls see preceding responses

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1062	<b>SECTION-5 SCOPE OF WORK</b>	5.13.9 OTHER NETWORK O&M PARAMETERS	o) Bidder will have to supply license EMS (Element Management System) for each active components like but not limited to radios, router, switch, Li-Fi, Mini-OLT/ONT etc. used in network so that required alarms can be monitored and also remotely monitor to know atleast the OFC cut Issue, Power Issue(Utility),Equipment- cold Start, warm Start, link Down, linkUp, authentication Failure, latency, Jitter and Neighbor Loss status related performance parameters, Proactive alarms of each equipment from day-01 of device integration in network and mapped in Bidder's NMS on day-01.	Kindly confirm the number of EMS to be supplied by Bidder:  1. EMS for Routers 2. EMS for Switches 3. EMS for Mini-OLT 4. EMS for UBR 5. EMS for Li-Fi 6. EMS for Racks 7. EMS for UPS	The bid is on EPC model for blending, creativity of private sectors in fiberization, and cost optimization, measurable scientific outcome for simplified payments against numeric level deliverables which are clearly defined in the RFP for faster roll-out linked with timely payment for ease of doing business and high network uptime.
1063	<b>Annexure A: TECHNICAL SPECIFICATIONS</b>	Technical Specifications for Routers	Block Routers Minimum Capacity: Type-A = 800 Gbps, Type-B = 300Gbps GP Routers Minimum Capacity: Type-C = 80 Gbps, Type-D = 40Gbps	Bifurcation of router deployment is challenging , kindly specify the location or number per type?	Please see the fiberization principles, gram panchayats. The finalization of sub block location is the responsibility of bidder as part of EPC design.
1064	NA	NA	General	As per our understanding number of block = Number of Block router & number of Gram panchyat = Number of Gram panchyat router. Is it correct?	Yes as per RFP

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1065	<b>5.13.4 NETWORK INVENTORY</b>	NA	New MPLS Router- 5% of total installed in Taluka	What does Taluka refer here, Block or Gram Panchyat?	Taluka refers to Block
1066	<b>VIII. Technical Specifications for LAN Switch</b>	NA	For 24 Port Switch For 8 Port Switch	There are two types of switch mentioned in specification, do SI need to procure both types of Switch and if yes what will the number for each types of switch?	Please see revision
1067	<b>VIII. Technical Specifications for LAN Switch</b>	NA	For 24 Port Switch: 24 ports of 10/100/1000 BaseT (out of 24 ports, 4 ports should be PoE supported with PoE power support of minimum 80W) and 2 Uplink ports of 1GE (10/100/1000Mbps) with RJ45 without SFP and with sperate optical SFP	2 Optical SFP required for 1G uplink per switch, is our understanding is correct?	Please see revision
1068	IV. Technical Specifications for Routers / Pg: 286, 287	1	TEC/GR 48050:2024 Standard with latest amendments if any or	Kindly allow:  TEC/GR 48050:2024 OR TEC/GR 48050:2022 Standard with latest amendments if any or	Please see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1069	VI. Technical Specifications for Mini-OLT/ Pg.295	1	TEC/GR/FA/PON-002/02/NOV-18 Standard with latest amendments if any or	Understanding is offered OLT needs to qualify with TSEC before delivery of the OLT's	These are mandatory certificates before deploying any network equipment in the network. Any delay in obtaining certification will not be consider for exclusion and will be solely considered on part of the bidder.
1070	VII. Technical Specifications For ONT(Optical Network Terminal) manageable / Pg.296	2	Ethernet port: 10/100/1000 Mbps -2 port and 1* PON (SC/APC)	Considering ONT is getting deployed in GP , Govt. and non govt. institutes where there is requirement of multiple ethernet ports will be there so to accommodate this LAN/ multiple eth. Connectivity to meet this requirement requiting to make 10/100/1000 Mbps port count to 4.	Please see revision
1071	IV. Technical Specifications for Routers / Pg: 286, 287	4	Ports, Interfaces, Wavelength Distance Criteria Type-A 800Gbps: 4x100G or 4x200 or 2x400G +18x10G/25G +6x1/10G	Kindly modify the port requirement to:  4x100G or 4x200 or 2x400G +18x10G +6x1/10G	Please see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1072	IV. Technical Specifications for Routers / Pg: 286, 287	4	Ports, Interfaces, Wavelength Distance Criteria Type-B 300Gbps: 3x100G +16x10G +6x1/10G	Kindly modify the port requirement to:  2x100G +16x10G +6x1/10G	Please see revision
1073	IV. Technical Specifications for Routers / Pg: 286, 287	4	Ports, Interfaces, Wavelength Distance Criteria Type-D 40Gbps: 3x10G +3x1/10G +4x1G(Elec)	Kindly modify the port requirement to:  4x10G + 4x1G(Elec)	Please see revision
1074	VI. Technical Specifications for Mini-OLT/ Pg.295	4	Uplink Port: 4*10/100/1000M and 2*10G	As per Clause 5 in Mini-OLT specification 4 port OLT is required and for 4 port OLT 2*1G uplink is sufficient and if required for future one 10G can be kept for future use so requesting to keep 2*1G and 1*10G optical interfaces. (2*1G uplink is more than sufficient for even 8 port OLT's	Pl see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1075	VII. Technical Specifications For ONT(Optical Network Terminal) manag eable / Pg.296	4	Operating temperature: 0 to 50 °C	Considering ONT is customer premises equipment requesting to make Operating temperature requirement to 0 to 45 °C as all standard ONT's supports the same and this will help to enable most of the OEM's to participate.	Please see preceding response.
1076	IV. Technical Specifications for Routers / Pg: 286, 287	5	Power supply and FAN redundancy Type-A = 800Gbps "1+1 and Hot-swappable"	Kindly modify the requirement to: "1 + 1 Redundant Fans and power supplies"	Please see revision
1077	IV. Technical Specifications for Routers /	5	Power supply and FAN redundancy Type-B = 300Gbps: "1+1 and Hot-swappable"	Kindly modify the requirement to: "1 + 1 Redundant Fans and power supplies"	Please see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
	Pg: 286, 287				
1078	IV. Technical Specifications for Routers / Pg: 286, 287	5	Power supply and FAN redundancy Type-C = 80 Gbps: "1+1 and Hot-swappable"	Kindly modify the requirement to:  "1 + 1 Redundant Fans and power supplies"	Please see revision
1079	IV. Technical Specifications for Routers / Pg: 286, 287	5	Power supply and FAN redundancy Type-D = 40 Gbps: "1+1 and Hot-swappable"	Kindly modify the requirement to:  "1 + 1 Redundant Fans and power supplies"	Please see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1080	VI. Technical Specifications for Mini-OLT/ Pg.295	5	GPON/EPON Port: 4 GPON	For limited demography connectivity 4 ports are OK however considering vision of GFGNL to build network to reach out to larger demography within GP also requesting to make PON port requirement to 8 ports. This will help GFGNL to reach to most of the institutes , house hold , commercial establishments in every GP.	The number of ports are in consonance with business and functional requirement.
1081	VIII. Technical Specifications for LAN Switch / Pg: 297	6	Operation Temperature 0 to 50 °C	Operation Temperature 5 to 40 °C	Please see revision
1082	3.1 PRE-QUALIFICATION CRITERIA / Pg: 38	6	In order to meet the delivery timelines, the successful bidder can procure and supply the material from one or more quoted OEMs in any combination	Kindly delete this clause and restrict to single OEM per technology to maintain the continuity of the bid and integrity of the submission, QCBS, solution, PoC, etc.	Refer corrigendum with Revised Prequalification Criteria Section



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1083	IV. Technical Specifications for Routers / Pg: 286, 287	9	Space Requirement Type-D 40Gbps: 1 RU (Rack Unit)	Kindly modify the RU requirement to:  1.5RU	Preferably 1U
1084	VI. Technical Specifications for Mini-OLT/ Pg.295	10	Layer 2 Protocol: Should support Spanning Tree,IEEE 802.1Q, VLAN,IEEE 802.1w, RSTP,IEEE 802.3ad physical link static/dynamic aggregation,Support OMCI Encryption enabled / disabled for ONT,Support OMCI authentication for ONT,(LACP),QoS,Multicast, Reliability, DHCP	Requesting to add ERPS Protocols which is latest and mor resilient protocols and supported by most of the MPL supported routers so will be helpful to form ring with uplink router with loop protection and with more resilient.	While addressing the risk of eliminations on minor grounds, we are reiterating the below general principles of governing ease in evaluation and ease of doing business to de-risk from proprietary terminology and falsification perception leading towards elimination of competition.  1) Tenderer want wider competition, MII, ease in technical terminologies. 2) The default applicability of DoT directives. 3) Tenderer want adoption and implementation of Make in India policy and latest notifications in letter and spirit. 4) The TEC GRs are the fabric of functionality and latest TEC GRs is the default applicability. 5) Ease in technology terminologies. The equivalence of any standard, proprietary words / monopolized ask, workaround minor ports, bidder / OEM may provide equivalence of the same to avoid disqualification on minor grounds without any additional cost to GFGNL and without diluting functional deliverables."

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1085	VII. Technical Specifications For ONT(Optical Network Terminal) manageable / Pg.297	11	GPON equipment:TEC-GR-FA-PON-002-02-NOV-18 /TEC 72050:2021or latest with all amendments	Understanding is ONT to have TSEC certification before delivery of equipment's.	Please see revision
1086	VI. Technical Specifications for Mini-OLT/ Pg.295	12	Configuration Management: Various management modes such as CLI, SNMP and TELNET, Conducting software upgrade through TFTP Debug output	Latest Platform for GPON supports latest and advance technology including protocols so requesting to allow latest platform of GPON supporting latest and more secure protocols like Netconf/Yang ( between OLT and GPON EMS) and Rest /API towards NBI. These are lightweight and latest protocols supporting greater telemetry.	Please see preceding response

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1087	VI. Technical Specifications for Mini-OLT/ Pg.295	13	Backplane Bandwidth (Gbps):64 Gbps	<p>Instead backplane capacity its better to mentioned switching capacity of OLT which is required for smooth function of OLT as only backplane capacity of OLT will not give full scale of wireline capacity for OLT So requesting to mentioned switch capacity</p> <p>Considering 4 Port OLT (with total PON capacity if &lt;10G down link and &lt;5G uplink ) 20Gbps switching capacity is more than sufficient for 4 PON port OLT and 60Gbps((with total8 PON capacity if &lt;20G down link and &lt;10G uplink ) is more than sufficient</p> <p>So requesting to make Switching capacity of 20Gbps for 4 port OLT and if allowing 8 port OLT 60Gbps</p>	Please see revision
1088	VI. Technical Specifications for Mini-OLT/ Pg.295	14	Power Supply:AC 110V to 280V,	<p>Understating is requirement is single AC input also for India AC-powered rating is : 100~240V AC with input frequency 50 Hz-60 Hz so requesting to make AC power rating of 00~240V AC with input frequency 50 Hz-60 Hz</p>	As per RFP

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1089	VI. Technical Specifications for Mini-OLT/ Pg.295	15	Operating Environment :0°C-60°C	Understanding is OLT will be installed in non AC requirement and required to be temperature harden standard temperature harden equipment's are supporting range of -5°C to +65°C and considering India is high temperature county requesting to make high temperate supported range to 65°C	It is as per Indian climatic conditions.
1090	VI. Technical Specifications for Mini-OLT/ Pg.296	21	Power Consumption:Up to 30W	Considering OLT will be installed in GP (Non AC requirement )OLT needs to have temperature harden capability with self cooling mechanism like FAN unit to naturally cool OLT even in high temperature operating environment and 4 port OLT with FAN unit needs little higher power consumption so requesting to make requirement of max 50W of power consumption.	Please see revision
1091	VII. Technical Specifications For ONT(Optical Network Terminal) manag	5,6,7	Other: Dual band Wi-Fi 6 supports ONT,	Appreciate GFGNL took futuristic approach and selected Wi-Fi 6 ONT however wifi6 ONT's will be only effective when supporting AX3000 with 160Mhz Channel B/W ( Wi-Fi 6 ONT's generally supporting AX1800 and AX3000) So requesting to add requirement of AX3000 with Channel B/W support of 160MHz to use wifi6 at its full capacity. ( AX1800 Wi-Fi 6 will only be having marginal gain on Wi-Fi over wifi5 Dual band ONT with AC1200)	Please see preceding response.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
	eable / Pg.296				

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1092	3	Point II of 3.1 PRE-QUALIFICATION CRITERIA, page no. 31	A constituent of such Bidder, for the Package, is also a constituent of another Bidder, for the other Package or	<p>On one hand, it is stated that if a sole bidder or the lead bidder (in the case of a consortium) intends to bid for both packages, they must meet the average annual turnover criteria, which is calculated as the sum of 100% of the highest package value and 25% of the financial value of the other package over the last three audited financial years. <b>The method for calculating turnover is also outlined in the tender document.</b></p> <p>On the other hand, it is mentioned that a sole bidder or lead bidder is permitted to bid for only one package. Furthermore, the lead bidder of one package is restricted to participating in that package alone. However, participation as a consortium member, serving as a project experience partner in another package with a different lead partner, is allowed.</p> <p>These statements appear to contradict each other. In light of this, a clarification is requested to confirm whether a lead bidder can bid for both packages, provided that the award of the contract is restricted to only one package in the event that the bidder secures</p>	Refer corrigendum with Revised Prequalification Criteria Section

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
				the highest score (H1) in the QCBS evaluation process.	

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1093	3	#2 Company Turnover, page no. 32, 33	<p>2.1 The Sole Bidder should have an average annual turnover of at least following values in last three (3) audited financial years ( FY 2021-22, FY 2022-23, and FY 2023-24 ) solely generated from the business of OFC Business/ITeS / Telecom Networking field only,</p> <ul style="list-style-type: none"> <li>• Rs 1250 Crores for Package A</li> <li>• Rs 1250 Crores for Package B</li> </ul> <p><b><u>In Case Of Consortium:</u></b> Lead bidder(in case of consortium) should have average annual turnover as per following in last three audited financial years ( FY 2021-22, FY 2022-23, and FY 2023-24 ) solely generated from the business of OFC deployment/ Telecom Networking / ITeS field only</p> <p>Only one consortium partner is allowed.</p>	<p>(1) In this criteria, the turnover is required to be solely generated from the business activities of OFC Business, OFC Deployment, ITeS, or Telecom Networking.</p> <p>Please clarify whether the turnover can be derived from a combination of these business activities (OFC Business, OFC Deployment, ITeS, Telecom Networking, etc.) or solely from any one of them.</p> <p>(2) The turnover requirements for a Lead Bidder and a consortium partner are specified as Rs. 1880 Cr and Rs. 1250 Cr, respectively, for both packages. This indicates that a Lead Bidder and consortium partner are eligible to bid for both packages. However, it is also stated that a sole bidder or Lead Bidder is permitted to bid for only one package.</p> <p>Furthermore, a Lead Bidder for one package is restricted to participating in that package alone. However, it is clarified that they may participate as a consortium member, serving as a project experience partner in another package with a different Lead Bidder.</p>	Refer corrigendum with Revised Prequalification Criteria Section



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
				<p>These statements, however, seem contradictory. Therefore, clarification is sought to confirm whether a Lead Bidder is allowed to bid for both packages, provided that the contract award is limited to only one package if the bidder achieves the highest score (H1) in the QCBS evaluation process.</p>	

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1094	3	#2 Company Turnover, page no. 33	<p>2.2 The Sole must have atleast 15% positive net worth against their financial turnover in last three (3) financial years (i.e., FY 2021-22, FY 2022-23, and FY 2023-24 )</p> <p>Note: In case of Consortium, each member of the consortium should have positive Net Worth. All the consortium partners can meet the Net worth criteria cumulatively.</p>	<p>It is requested that, in the case of a consortium, only the lead bidder be required to have a positive net worth, irrespective of the cumulative net worth, instead of mandating that each member of the consortium have a positive net worth. This adjustment would encourage wider participation in the tender, enabling GFGNL to receive more competitive bid responses.</p>	<p>Refer corrigendum with Revised Prequalification Criteria Section</p>

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1095	3	#4 Experience, page no. 34	<p>ii) <b>For Equipment's</b> : Experience of Telecommunication equipment installation, commissioning and O&amp;M of at least-</p> <ul style="list-style-type: none"> <li>• 1000 active nodes, if bidding for 1 package,</li> <li>• 2200 active nodes, if bidding for 2 packages,</li> </ul> <p>The active nodes to be considered for this criterion can be include atleast, MPLS Routers, RFMS, Layer-3 Switches, Transport equipment(DWDM/PTN(packet and transmission equipments)/OTN/ROn/CPANs/OLT of 16 or more ports .</p>	<p>In a similar context, the BharatNet Phase-3 tender was published for 16 Packages for PAN India by BSNL, where the experience of telecommunication equipment installation and commissioning was specified as follows:</p> <p>If a bidder wishes to bid for 1 package, they must have experience with 1,000 active nodes, and if a bidder wishes to bid for 2 packages, they must have experience with 1,500 active nodes.</p> <p>Therefore, it is requested that the requirements for telecommunication equipment installation and commissioning experience be specified, <b>excluding O&amp;M</b>, as follows:</p> <ul style="list-style-type: none"> <li>• 1,000 active nodes, if bidding for 1 package</li> <li>• 1,500 active nodes, if bidding for 2 packages</li> </ul> <p>This adjustment would encourage broader participation in the tender process, enabling GFGNL to receive more competitive bid responses.</p>	Refer corrigendum with Revised Prequalification Criteria Section

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1096	3	#6 MAF, page no. 38, 39	<p>6.1 The Sole Bidder or lead Bidder (in case of consortium) should submit valid letter from each of the OEM (one and only one OEM for each component)</p> <p>Notes:1</p> <p>II. In case of any bidder is quoting the active equipment from multiple OEMs in such case the bidder shall ensure that all quoted equipment should meet the Interoperability requirement for smooth network operations. There shall be no exclusion/ relaxation in SLA/ penalties on this account.</p>	<p>It is requested that the Sole Bidder or lead Bidder (in the case of a consortium) can submit a valid MAF from up to 4 OEMs for each component.</p> <p>This will help enable competitive pricing, diversify material sourcing for the project, and ensure compliance with interoperability requirements for seamless network operations.</p>	Duplicate with Query, Kindly refer the answer in Query (155)
1097	3	point 2 of Note 2: Consortium Criteria, page no. 42	<p>Only One Consortium is allowed. Consortium shall be not exceed more than two(2) including the lead bidder. <b>And it should be any of the active component's OEM till the entire contract duration and act as a key knowledge partner.</b></p>	<p>It is requested that the consortium partner not be restricted to being an OEM of any active component, as OEMs typically do not operate as the Project Implementing Agency (PIA) or Service Integrator (SI). Hence, it is suggested that this clause be relaxed and revised to permit PIA/SI participation. Such an adjustment would encourage broader participation in the tender process, enabling GFGNL to receive more competitive and diverse bid responses.</p>	Duplicate with Query, Kindly refer the answer in Query (159)

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1098	1, 4	point i), page no. 20  4.11 BID VALIDITY, page no. 55	i) The bid submitted should be valid for a period of 180 days from the last date of submission of bids.  <b><u>4.11 BID VALIDITY</u></b> i. Bids shall remain valid for 180 days after the date of Bid opening prescribed by the TENDERER.	Please clarify whether the bid validity should be valid for a period of 180 days from the last date of bid submission or from the date of bid opening.	Please consider Bid Validity :180 days from the Tender opening date.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1099	3, 9	<p>point 6 of Note 2: Consortium Criteria, page no. 42</p> <p>Format-XXIII: Joint Bidding Agreement , page no. 272</p>	<p>In case of a consortium, applicant consortia shall have a valid Memorandum of Understanding (MoU)- joint bidding agreement/ Consortium Agreement among all the members signed by the CEO/ Country Head/Authorized Signatories of the companies dated prior to the submission of the bid.</p> <p>a. The MoU/ Consortium Agreement shall clearly state the composition of the consortium who shall be the Lead bidder, the complete description of the partner and roles &amp; responsibilities of the partners.</p> <p>b. It also includes the commitment that each of the members, whose experience will be evaluated for the purposes of this RFP, shall discharge the obligations specified by the Bidder.</p> <p>c. It includes a statement to the effect that all members of the Consortium shall be liable jointly and severally for all obligations of the consortium in relation to the Project achievement till the end of entire contract duration.</p> <p>d. It includes a provision that the Lead Member shall represent all the members of the Consortium and shall always be liable and responsible for discharging the functions and obligations of the</p>	<p>It appears that point 6 of Note 2: Consortium Criteria should be included in Format-XXIII: Joint Bidding Agreement. Therefore, it is kindly requested to incorporate these changes and provide an updated version of Format-XXIII: Joint Bidding Agreement to prevent any potential confusion.</p>	<p>Refer corrigendum with Revised Prequalification Criteria Section</p>

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
			<p>Consortium; and that each member of the Consortium shall be bound by any decision, communication, notice, action or inaction of the Lead Member on any matter related to the Contract Agreement and GFGNL shall be entitled to rely upon any such action, decision or communication of the Lead Member.</p> <p>e. GFGNL shall have the rights to release payments solely to the Lead Member and shall not in any manner be responsible or liable for the inter se allocation of payments among members of the Consortium.</p> <p>f. GFGNL may ask Sole bidder or lead bidder in case of consortium to open the escrow account.</p> <p>g. Lead Bidder shall be solely responsible for any failure liable to the Government for the execution of the project in accordance with the terms &amp; conditions of the bid document and a statement of this effect shall be included in the MoU/ Consortium agreement.</p>		

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1100	3	Under Note 3:	However, for the transport equipment's, The bidder shall supply only such network equipment which, had those equipment been supplied for any defense communication project in India, would have been acceptable to the Indian defense authorities.	It is requested to provide clarification on whether any specific documentation is required for this requirement.	Pl see revision.
1101	3	3.2 TECHNICAL QUALIFICATION CRITERIA, page no. 46, 47, 48	S/N 2: The available bid capacity of the following entities as commitment (Undertaking) for Gujarat to execute project on time a) Bidder b) Fiber OEM c) Duct OEM d) UPS OEM [Max. Marks: 5] S/N 3: Offered Product Portfolio [Max. Marks: 15] S/N 4: For Phase-I: Fiberization Strategy for improving overall health of the link & redundant link [Max. Marks: 7.5] S/N 5: For Phase-Ii: Fiberization Strategy for improving overall health of the link & redundant link [Max. Marks: 7.5] S/N 9: Technical Presentation (Bidder & OEM)[Max. Marks: 20]	Out of the total 100 marks, 55 are distributed across various categories, with the allocation currently based on subjective criteria.  It is requested to revise the marking scheme by adopting objective or quantitative criteria to ensure a fair and transparent evaluation of the bids.	Refer corrigendum with Technical Qualification Criteria



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1102	3	3.2 Technical Qualification Criteria, Sr. No. 1, Page 47	<p>Bidder Should have executed at least one (1) Networking Projects with Supply, Installation, Testing, Commissioning (SITC) or O&amp;M of in last 8 Years with minimum value</p> <p>For each Project worth <math>\geq</math> 1000 Cr : 5 Marks  For each set of 2 projects worth <math>\geq</math> 750 Cr: 3 Marks</p> <p><b><u>In Case Of Consortium:</u></b></p> <p>having components like Routers/Switches/RFMS/OFC/Layer-3 Switches/ Transport equipment (DWDM/PTN/OTN/ROn/CPANs/OLT of 16 or more ports in last eight(8) years as on date of bid publish.</p>	<p>It is kindly requested to take into account both completed and ongoing networking projects involving Supply, Installation, Testing, and Commissioning (SITC) carried out within the last 10 years. This consideration applies to either the sole bidder or the lead bidder in the case of a consortium. Additionally, it is requested to extend the experience criteria to projects executed within the last 10 years, instead of the 8 years specified in the PRE-QUALIFICATION CRITERIA.</p> <p><b>It is kindly requested to consider the executed project, which includes OFC components, as part of the networking project with SITC.</b> This adjustment would encourage wider participation in the tender, enabling GFGNL to receive more competitive bid responses.</p>	Refer corrigendum with Technical Qualification Criteria

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1103	4	4.30 OWNERSHIP OF EQUIPMENT, Page 65	i. The Tenderer shall own the services and items supplied by the PIA arising out of or in connection with this Contract only after the date of 100% Go- Live. In case of theft/physical damage (Repair not possible -RNP) to the Network components / equipment, the equipment shall be replaced on PIA's cost till full 100% Go-live and at Tenderer's cost after full 100% Go-live.	It is requested to amend this clause to read as follows: The Tenderer shall assume ownership of the services and items supplied by the PIA, arising from or in connection with this Contract, only after 80% of the GP has been commissioned within the ring.	As per the RFP, The Tenderer shall own the services and items supplied by the PIA arising out of or in connection with this Contract only after the date of 100% Go- Live. In case of theft/physical damage (Repair not possible -RNP) to the Network components / equipment, the equipment shall be replaced on PIA's cost till full 100% Go-live and at Tenderer's cost after full 100% Go-live. Insurance to take by the bidder to take care of such events. In case of theft/physical damage (Repair not possible -RNP) to the Network components / equipment, the Network component/ equipment shall be replaced with equivalent or higher configuration/Capacity by selected Bidder. Lodging of FIR will be done by the selected bidder and same to be submitted to GFGNL by PIA for reference.
1104	5	Point 15 b), page no. 111	Bidder shall be given access of network to ascertain health of existing network for the duration 2 Weeks	<ol style="list-style-type: none"> <li>1. Please provide the schedule (including dates) for the network assessment activity.</li> <li>2. Please provide information regarding the percentage of live nodes and uptime status.</li> <li>3. Please provide information regarding the health of fiber cables, including span-wise availability of end-to-end dark fibers.</li> <li>4. It is requested that the charges for Repair, Reconstruct, Rectify, and Replace be based on actual costs and should not be restricted or capped.</li> </ol>	We have already provided all GP list with LGD code and asset details. We have given you 15 days time for survey on Page No.153 note i. Further, we advised to send authorized person for site visit. In case, any network confidential information is required, Please send your authorized person with NDA for better know-how.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1105	8	-	FINANCIAL BID	The BOQ is currently subjective, generic, and lacks clear definitions. Its line items should be more component-specific and aligned with the BharatNet Phase-3 tender published by BSNL, which covers 16 packages across PAN India. At present, it includes lump sum units without specifying quantities. To enable better assessment and clarity, the BOQ should be structured with detailed and well-defined quantities as structured in the BharatNet Phase-3 tender published by BSNL	query answered above
1106	-	-	General Clarification	Please clarify whether the power supply, space, insurance and ROW fall under the scope of GFGNL or PIA. Will these be directly paid by GFGNL, or will they be paid by PIA and reimbursed by GFGNL on an actual basis.	Pls read ROW and Insurance related provisions in the RFP. However, It is clarified further that undoubtedly, GFGNL will pay for the ROW charges. In event of speeding of the work where ROW charges are minor, if PIA pays for the ROW charges, then GFGNL shall reimburse without delay (Monthly basis) after adjusting penalty raised/settled by the agency. The any associated penalty is to be settled or to be borne by the PIA. The after completion of the work / ROW obligation, it is the duty of PIA to timely collect the ROW charges / Security deposits with utmost seriousness. In case, the collection cycle exceeds beyond 6 (six) months without any reason in writing by the PIA, then GFGNL shall deduct the delayed amount from running payments without any sympathy.  Space and power shall be in GFGNL's scope.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1107	-	-	General Clarification	It is requested to extend the last date of submission of the bid by 21 days after the date of issuance of the pre-bid clarification's response.	Sure.
1108	SECTION-3 ELIGIBILITY CRITERIA	3.1.2 (Company Turnover)	Para : 2.1 indicates : In case of Consortium : Lead bidder should have average annual turnover as per following in last three audited financial years ( FY 2021- 22, FY 2022-23, and FY 2023-24 ) solely.  generated from the business of OFC deployment/ Telecom Networking / ITeS field only.	Customer Requested to Make the Criteria as Rs. 1000 Cr for each package and 40% to be met by lead bidder	Refer corrigendum with Revised Prequalification Criteria Section
1109	SECTION-3 ELIGIBILITY CRITERIA	Note-1	1. In case the sole bidder or a Lead bidder (in case of Consortium) desires to bid for both of the packages then the bidder must have average annual turnover criteria (sum of 100% of highest and 25% of other package above financial value) i.e., for the last three audited financial years ( FY 2021-22, FY 2022-23, and FY 2023-24 )	<b>We understand the same as below in case of consortium</b> : 1. In case the sole bidder or a Lead bidder (in case of Consortium) desires to bid for both of the packages then the bidder must have <b>consolidated average annual turnover criteria</b> (sum of 100% of highest and 25% of other package above financial value) i.e., for the last three audited financial years ( FY 2021-22, FY 2022-23, and FY 2023-24 )	Refer corrigendum with Revised Prequalification Criteria Section

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1110	SECTION-3 ELIGIBILITY CRITERIA	Note-2	One sole or lead bidder can bid for only one package	<b>Does it mean :</b> that sole or lead bidder can participate for bidding for one package only & for other package they can't participate as sole or lead bidder but allowed as consortium partner for other package.	Refer corrigendum with Revised Prequalification Criteria Section
1111	SECTION-3 ELIGIBILITY CRITERIA	Note-4	The lead bidder of one package is allowed to participate in only one package. However, Participation as a consortium member being a project experience partner in another package with other lead partner is allowed.	<b>Does it Mean :</b> The Lead Bidder & Consortium Partner can participate in both the packages, However maximum number of package awarded will be One or single entity can get both the packages one in solo and other could be in consortium.	Refer corrigendum with Revised Prequalification Criteria Section
1112	SECTION-3 ELIGIBILITY CRITERIA	3.1.4 (Optical fiber laying experience )	The Sole or lead bidder in case of consortium should have demonstrable experience with following: i) For Optical Fibre: The Bidder should have experience of Laying, Installation, Testing and Commissioning of EPC Based Optical Fibre Cable (Underground), Duct and accessories as mentioned below in last 10 Years, as on this bid submission date: One Package: 8,000 Kms Two Package: 15,000 Kms	Customer is requested to change EPC to Laying, Installation, Testing and Commissioning	Refer corrigendum with Revised Prequalification Criteria Section

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1113	SECTION-3 ELIGIBILITY CRITERIA	3.1.4 (Active Node Experience)	For Equipment's : Experience of Telecommunication equipment installation, commissioning and O&M of at least- <ul style="list-style-type: none"> <li>• 1000 active nodes, if bidding for 1 package,</li> <li>• 2200 active nodes, if bidding for 2 packages,</li> </ul> The active nodes to be considered for this criterion can be include atleast, MPLS Routers, RFMS, Layer-3 Switches, Transport equipment(DWDM/PTN(packet and transmission equipments)/OTN/RON/CPANs/OLT of 16 or more ports.	Please add Microwave, Multiplexers & BTS nodes also as tender allows alternater technology installation and these are similar telecom technology.	Refer corrigendum with Revised Prequalification Criteria Section
1114	SECTION-3 ELIGIBILITY CRITERIA	Note-2 (Consortium Criteria)	Only One Consortium is allowed. Consortium shall be not exceed more than two(2) including the lead bidder. And it should be any of the active component's OEM till the entire contract duration and act as a key knowledge partner.	Second part of this clause is specifying only OEMs as consortium partners. Customer is requested to remove this clause for clarity	Duplicate with Query, Kindly refer the answer in Query (159)
1115	SECTION-3 ELIGIBILITY CRITERIA	Experience Capability	Bidder Should have executed at least one (1) Networking Projects with Supply, Installation, Testing, Commissioning (SITC) or O&M of in last 8 Years with minimum value For each Project worth $\geq$ 1000 Cr : 5 Marks For each set of 2 projects worth $\geq$ 750 Cr: 3 Marks	Please reduce this value to Rs. 500 Crore for a single project	Duplicate Query, Please refer Revised Technical Qualification Criteria in Corrigendum

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1116	section -5.2 Detail Scope of work	Sub Section-14, Para-b	As per Sub section XIV, sub clause b, PIA shall integrate the existing (Phase I & II) GPs and newly covered GPs (to be created) under BharatNet network. PIA shall conduct a detailed survey to cover all the GPs in a package by forming GP rings. These rings may consist of existing (Phase I & II) GPs and newly covered GPs (to be created) under BharatNet.	For better accuracy for designing 2CNO for Block-Block, Subblock-Sub block and for GP ring closer planning. We are requesting to provide Latlong for OLT/ GPs and other Nodes along with KMZ file. Tender document consists only GP Name. As design is also part of this tender, Hence lat-long of facilities and KMZ is important for bidder.	We have already provided all GP list with LGD code and asset details. We have given you 15 days time for survey on Page No.153 note i. Further, we advised to send authorized person for site visit. In case, any network confidential information is required, Please send your authorized person with NDA for better know-how.
1117	section -5.2 Detail Scope of work	Sub Section-14, Para-b	The existing OFC network shall be upgraded from linear to ring topology.	We are requesting share detail of GPs which are running in linear or all GPs at present running in linear.	All GPs at present are running in linear

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1118	section -5.2 Detail Scope of work	Sub Section-14, Para-d	In Phase-1, GFGNL will be building shelter at Sub-Block level to host electronics. However, if situation arise where installation is to be done at BSNL exchange, bidder to consider one time shifting of OFC and electronics to GFGNL shelter once shelter is ready to use without any additional cost to GFGNL. For the same, bidder to ensure OFC & Chamber near tentative shelter location. Shifting should be completed within 10 calendar days of intimation except RoW challenges. Beyond which GFGNL may recover amount in proportionate to BSNL space & infra rent for each day from its next payable	What would be the tentative distance between BSNL exchange and GFGNL planned new shelter. PI guide	<p>1. It is the responsibility of GFGNL to provide the shelter on time. It is the responsibility of PIA for timely survey, conveying the location of shelter at Sub-block location as part of overall fiberization plan.</p> <p>2. On best effort basis, GFGNL will provide shelter or in case of any difficulty or unforeseen delay in providing the shelter, then GFGNL will provide alternate location. To de-risk the PIA, it is clarified that the chance of shifting cases are very unlikely and over and above that even if the need of shifting is the necessity, then one time charges of following shall be applicable for payment by GFGNL to PIA to meet expenses upon intimation and approval.</p> <p>i) Shifting of electronics and accessories including re-installation and commissioning = Maximum up to Rs. 15,000 /- per location.</p> <p>ii) Rs. 400 per mtr for additional UG fiber work as per engineering instructions mentioned in RFP including material, workmanship and all the associated cost.</p> <p>Note- Above charges are excluding taxes.</p> <p>3. It is the responsibility of PIA to complete the shifting within 10 calendar days from intimation date. It is the responsibility of PIA to plan shifting properly without disruption of any downtime of services.</p>



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1119	section -5.3 Fiberization and design principles	Para-13 &14 a	<p><b>Para -13</b> : If any GP has single road connectivity, no need to connect that GP on same road on other side of the road for Ring.</p> <p><b>Para-14</b> : [7:32 PM, 2/12/2025] Pratap GJ Sooraj Valand: Folded Path (IN-OUT on same path) for lastmile of GP, TC and DC should be allowed as per following. [7:32 PM, 2/12/2025] Pratap GJ Sooraj Valand: a) GP last mile to be allowed for maximum 1000 mtr only.</p>	Both seems controversial statement & also needs clarity if folded path is more than 1000 mtrs what process to be adopted.	Pls see revision which is explained herewith for clarity "If any GP has single road connectivity, no need to connect that GP on same road on other side of the road for Ring if the road distance is lesser than 1000 mtr. In case, the distance is more than 1000 mtr.,then alternative technology like FSO or on Aerial linear OFC with RCC Pole is to be applied for ring. This limit of use of alternative technology or aerial linear is over and above the permissible limit and it will not counted for the purpose of calculation to control the upper cap."
1120	section -5.3 Fiberization and design principles	Para-15 (b)	b) Beyond the given above upper limit, any additional cost of repair or replacement will be in the scope of the bidder and Bidder shall be given access of network to ascertain health of existing network for the duration 2 Weeks and to made approximation of % scope to be declared in the technical qualifications criterias.	As it will be very difficult to access complete network in 15 days and to access the faulty portions, we are requesting herewith row uptime detail for up and running GPS for last 6 months. This will help us to make some estimation for bidding purpose.	We have already provided all GP list with LGD code and asset details. We have given you 15 days time for survey on Page No.153 note i. Further, we advised to send authorized person for site visit. In case, any network confidential information is required, Please send your authorized person with NDA for better know-how.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1121	Section 3.2 Technical Qualification Criteria	Note-1	<p>Process for Bidder's Final Scoring based on QCBS:  The financial scores (Fs) of the other Financial Proposals will be computed as per the formula for determining the financial scores given below: <math>F_s = 100 \times \text{Flow} / F_b</math>,  Where, <math>F_s</math> = Normalized financial score for the bidder under consideration  <math>F_b</math> = Commercial quote for the bidder under consideration ,  Flow = Commercial quote of the lowest evaluated financial bid criteria  50% weightage will be given to "Technical Qualification derived from Technical Qualification Criteria" and 50% weightage will be given to "Financial Bid".  In order to have a comprehensive assessment of the Bid price and the Quality of each bid:  Bidder Final Score (BFS) =  <math>[(T_b/Thigh) \times 100 \times 0.5] + [(Flow/F_b) \times 100 \times 0.5]</math></p>	<p>For QCBS we are requesting to consider weightage for technical - 30 % &amp; Financial 70%. As technical criterias for qualifying to bid this tender is very stringent and hence this part weightage should less in QCBS.</p>	<p>Duplicate Query, Please refer Revised Technical Qualification Criteria in Corrigendum</p>

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1122	5.2	XIV-a	Detailed scope of work	<p>The existing OFC network shall be upgraded from linear to ring topology</p> <p><b>Request for Liner running GPs List and GPs on aerial</b></p>	<p>We have already provided all GP list with LGD code and asset details. We have given you 15 days time for survey on Page No.153 note i. Further, we advised to send authorized person for site visit.</p> <p>In case, any network confidential information is required, Please send your authorized person with NDA for better know-how.</p>

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1123	-	XIV-d	Detailed scope of work	<p>In Phase-1, GFGNL will be building shelter at Sub-Block level to host electronics. However, if situation arise where installation is to be done at BSNL exchange, bidder to consider one time shifting of OFC and electronics to GFGNL shelter once shelter is ready to use without any additional cost to GFGNL. For the same, bidder to ensure OFC &amp; Chamber near tentative shelter location. Shifting should be completed within 10 calendar days of intimation except RoW challenges. Beyond which GFGNL may recover amount in proportionate to BSNL space &amp; infra rent for each day from its next payables.</p> <p><b>An average distance of the shelter should be mention.</b></p>	<p>1. It is the responsibility of GFGNL to provide the shelter on time. It is the responsibility of PIA for timely survey, conveying the location of shelter at Sub-block location as part of overall fiberization plan.</p> <p>2. On best effort basis, GFGNL will provide shelter or in case of any difficulty or unforeseen delay in providing the shelter, then GFGNL will provide alternate location. To de-risk the PIA, it is clarified that the chance of shifting cases are very unlikely and over and above that even if the need of shifting is the necessity, then one time charges of following shall be applicable for payment by GFGNL to PIA to meet expenses upon intimation and approval.</p> <p>i) Shifting of electronics and accessories including re-installation and commissioning = Maximum up to Rs. 15,000 /- per location.</p> <p>ii) Rs. 400 per mtr for additional UG fiber work as per engineering instructions mentioned in RFP including material, workmanship and all the associated cost.</p> <p>Note- Above charges are excluding taxes.</p> <p>3. It is the responsibility of PIA to complete the shifting within 10 calendar days from intimation date. It is the responsibility of PIA to plan shifting properly without disruption of any downtime of services.</p>
1124	5.3	13	FIBERIZATION AND DESIGN PRINCIPLES	how to connect GP has single road connectivity. Liner or ring?	Pls see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1125	5.3	15a	FIBERIZATION AND DESIGN PRINCIPLES	for phase-1 &2 existing network repair/replacement payable limit to be removed as extent of damage could be beyond 20% being very old construction	Adequate risk coverage is provisioned in the RFP for both GFGNL and PIA as additional payment over and above the bid value,  For Phase-I, In between of 10% to 20% of existing network shall be paid by the GFGNL. At the same time, beyond opted limit in between 10% to 20%, the PIA have to do that replacement without cost to GFGNL. For Phase-II, In between of 5 % to 10% of existing network shall be paid by the GFGNL. At the same time, beyond opted limit in between 5% to 10%, the PIA have to do that replacement without cost to GFGNL.
1126	5.3	15d	FIBERIZATION AND DESIGN PRINCIPLES	Details of 24/48 OFC used in BSNL/Railtel network to be quantified and can not be approximated to derive costing hence clear qty of replacement required for fair and accurate bidding	The bid is on EPC model for blending, creativity of private sectors in fiberization, and cost optimization, measurable scientific outcome for simplified payments against numeric level deliverables which are clearly defined in the RFP for faster roll-out linked with timely payment for ease of doing business and high network uptime. We have already provided all GP list with LGD code and asset details. We have given you 15 days time for survey on Page No.153 note i. Further, we advised to send authorized person for site visit. In case, any network confidential information is required, Please send your authorized person with NDA for better know-how.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1127	5.3	20	FIBERIZATION AND DESIGN PRINCIPLES	It is mentioned that All UG OFC and ADSS OFC shall be armored and meet the technical specification. ADSS should not be armoured.	All UG OFC shall be armored, and UG OFC and ADSS OFC meet the technical specification.
1128	5.1	-	LAST MILE CONNECTIVITY TO THE VILLAGES	Exact quantity of connectivity required under the village to determine the work quantum for the accurate bidding	We have already provided all GP and Village list with LGD code and asset details. We have given you 15 days time for survey on Page No.153 note i. Further, we advised to send authorized person for site visit. In case, any network confidential information is required, Please send your authorized person with NDA for better know-how.
1129	8	-	Financial Bid	Quoting LS amount for all work will not be accurate and fair way of bidding. Some line items in details with qty to be mentioned for accurate bidding.	Query answered above
1130	IV Tech. Specs of router - Minimum Specifications for IP-MPLS at GP Router - point 5	5	1+1redundant and Hot-swappable	Request GFGNL to change the clause to " 1+1 Redundant / Hot Swapable "	Please see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1131	IV Tech. Specs of router - Minimum Specifications for IP-MPLS at Block Router - point 5	5	1+1redundant and Hot-swappable	Request GFGNL to change the clause to " 1+1 Redundant / Hot Swapable "	Please see revision
1132	IV Tech. Specs of router - Minimum Specifications for IP-MPLS at GP Router - point 5	4	4 Port of Electrical GE(RJ45 without SFP)	Request you to change " 4 Port of Electrical GE "	The purpose of the 4-port electric interface is to serve users within the GP premises and provide uplink connectivity to H-Connectivity base station devices such as UBR, etc. However, if the OEM does not provide an electric port, they must supply an SFP port with an electric SFP from day one, at without any additional cost to GFGNL.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1133	IV Tech. Specs of router - Minimum Specifications for IP-MPLS at GP Router - point 13	13	Device should have Web/GUI for management	Request GFGNL to Please remove Web/GUI management requirement	As per RFP
1134	IV Tech. Specs of router - Minimum Specifications for IP-MPLS at Block Router - point 13	13	Device should have Web/GUI for management	Request GFGNL to Please remove Web/GUI management requirement	Duplicate query



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1135	Annexure B.	P	Interoperability between OEM for non-vendor locking should be supported at all nodes. Proposed technology partner / OEM for active infra to provide an undertaking to take responsibility of ensuring interoperability with other vendors over standard IETF defined protocols only.	-	Interoperability between OEM should be supported over standard ITU-T, ETSI and IETF defined protocols.
1136	IV Tech. Specs of router - Minimum Specifications for IP-MPLS at GP Router - point 4	4	These above is minimum indicative requirement. However, bidder has to select product and port configuration aligning with bid requirement in totality without any cost to GFGNL.	Please clarify this clause if any additional ports to be given in the router.	Please see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1137	IV Tech. Specs of router - Minimum Specifications for IP-MPLS at GP Router - point 8	8	The routers shall be installed in the buildings without air conditioning where adequate ventilation may or may not be available. Therefore, the routers shall meet the Temperature and Humidity Requirements as per Category B of QM-333 standard.	Please increase the temperature ask from QM-333 to -5 to 65 degree C.	Please see revision
1138	Technical specifications of Network and its Components	4	Please remove this clause.	This would restrict the participation from the OEM having routers with higher number of interfaces.	As per RFP

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1139	IV Tech. Specs of router - Minimum Specifications for IP-MPLS at Block Router - point 4	4	For Switching capacity $\geq 600$ Gbps <ul style="list-style-type: none"> <li>• 3 ports of 100G (Pluggable will be in scope of bidder as per solution design),</li> <li>• 16 ports of 10G (Pluggable will be in scope of bidder as per solution design),</li> <li>• 6 ports of 1G/10G (Pluggable will be in scope of bidder as per solution design)</li> </ul>	With the no. of interfaces asked, The total throughput required in the router is $3 \times 100G = 300G$ $16 \times 10G = 160G$ $6 \times 1/10G = 60G$ Total = 520 Gbps  Considering the traffic envisaged by GFGNL in near future, Request GFGNL to increase the Block router throughput ask to minimum 520 Gbps.	Pls see revision.
1140	IV Tech. Specs of router	4	<b>For Switching capacity <math>\geq 1000</math>Gbps</b> <ul style="list-style-type: none"> <li>• 4 ports of 100G or 4 ports of 200G or 2 ports of 400G (Pluggable will be in scope of bidder as per solution design),</li> <li>• 18 ports of 10G/25G (Pluggable will be in scope of bidder as per solution design),</li> <li>• 6 ports of 1G/10G (Pluggable will be in scope of bidder as per solution design),</li> </ul>	With the no. of interfaces asked, The total throughput required in the router is $4 \times 100G = 400G$ $18 \times 10/25G = 450G$ $6 \times 1/10G = 60G$ Total = 910 Gbps  Considering the traffic envisaged by GFGNL in near future, Request GFGNL to increase the Block router throughput ask to minimum 1000 Gbps considering 400G interfaces as well.	Pls see revision.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1141	Network Design - D.	118	RFP asks for 660 Sub blocks which are also part of Backhaul RFP, and the current RFP talks about designing transport backhaul network, Could you please clarify these two clauses accordingly	-	As per RFP
1142	Section 5 - Scope of Work	5.2 - V.	Please remove this clause.	If the GP bandwidth increases to 10 Gbps per GP, Then the GP router need to have 100G interface from day1 to form the GP ring to accommodate the future growth.	Please refer clause 5.7 (j) reproduced here "Modification in the Ring Architecture to meet increased Bandwidth Requirement: Initially each ring is be designed for 10Gbps with around 6-7 nodes. However, if there is a requirement subsequently to increase the capacity due to increased bandwidth requirement, additional ring shall be created splitting the nodes using spare fibres and spare ports at the Block router. If required, additional Block router may need to be installed at the Block for which separate payment shall be made as per the finalized itemized rates."
1143	Section 5 - Scope of Work	5.2 - V.	Please clarify if DR need to cater to entire failure of DC, will traffic routing be done towards DR.	-	IT and Non-IT components in DR are out of scope for the Bidder. The bidder's scope related to DR is limited to fiberization(2CNO) and associated work for termination of fiberization in the DR and RFMS for fiber health while designing and optimizing the network.
1144	Section 5 - Scope of Work	26 - d	Would transport network build be part of this RFP or the backhaul RFP ? We request GFGNL to combine both for better efficiency and price benefits	-	Pls see revision.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1145	V. Technical Specifications for EMS of Routers	2	Protocol supported by EMS	Request to remove CORBA, and include NETCONF and REST	<p>Beyond technology terminology, we have specifically mentioned network service associated functionality, referred as 4S (Service Portfolio, Service Provisioning, Service Performance Monitoring, Service audit and security Compliance). The quoted product must abide with functional aspect to meet the business objectivity.</p> <p>1) Fundamentally, we want wider competition, MII, ease in technical terminologies.</p> <p>2) We are not intending for any proprietary terminologies and elimination of competition merely on ground of proprietary words / monopolized ask, minor ports, legacy technology protocols not impacting business and functional ask of the RFP.</p> <p>To address this issue in general, the equivalence of any standard, proprietary words / monopolized ask, workaround minor ports, bidder / OEM may provide equivalence of the same to avoid disqualification on minor grounds without any additional cost to GFGNL and without diluting functional deliverables.</p> <p>The above is general principle and will apply across the RFP to derisk from propriety terminology and elimination of competition. Hence, participants may go through the scope of work, functional aspects, supportive technical language for better understanding.</p>

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1146	V. Technical Specifications for EMS of Routers	11	Please remove this clause.	EMS software architecture design is different for every OEM, hence request you not to specify any hardware configuration and leave it to bidder to decide, also request you to clarify if Geo redundancy for EMS application needs to be provisioned	Please see preceding response
1147	V. Technical Specifications for EMS of Routers	17	Request you to change the mentioned clause to MPLS GR 48050:2024 which also has specification for EMS	MPLS GR 48050:2024 contains EMS specification for routers too and the same has been considered by Amended Bharatnet RFP too	<p>While addressing the risk of eliminations on minor grounds, we are reiterating the below general principles of governing ease in evaluation and ease of doing business to de-risk from proprietary terminology and falsification perception leading towards elimination of competition.</p> <ol style="list-style-type: none"> <li>1) Tenderer want wider competition, MII, ease in technical terminologies.</li> <li>2) The default applicability of DoT directives.</li> <li>3) Tenderer want adoption and implementation of Make in India policy and latest notifications in letter and spirit.</li> <li>4) The TEC GRs are the fabric of functionality and latest TEC GRs is the default applicability.</li> <li>5) Ease in technology terminologies. The equivalence of any standard, proprietary words / monopolized ask, workaround minor ports, bidder / OEM may provide equivalence of the same to avoid disqualification on minor grounds without any additional cost to GFGNL and without diluting functional deliverables.</li> </ol>

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1148	V. Technical Specifications for EMS of Routers	21	Request you to change " Multivendor support should be provided by EMS "	Multivendor support is generic in nature and dependent on the ability of device to share its MIB and open interfaces to integrate	The NEs in the network communicate with their respective EMS. The NE-specific EMS's communicate via standard protocol, through the northbound interface to a higher-level NMS that provides integrated multivendor network management.
1149	IV Tech. Specs of router - Minimum Specifications for IP-MPLS at GP Router - point 15	15	Request you to please add the following mandatory clauses to support automated SDN " The router should support Segment Routing (SR) with all standard features such as Segment routing traffic engineering SR-TE, SR Polices, SR-PCE, PCEP, BGP LS for SDN controller based provisioning and SR -ODN for automated policy aware traffic management etc	SR-PCE, PCEP, BGP LS for SDN controller based provisioning and SR -ODN for automated policy aware traffic management	As per RFP. The primary objective of this RFP is to deliver digital services to government offices and citizens of Gujarat. Therefore, the Bidder and OEM must ensure that the proposed network supports all the services specified in the RFP.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1150	IV Tech. Specs of router - Minimum Specifications for IP-MPLS at Block Router - point 15	15	Request you to please add the following mandatory clauses to support automated SDN " The router should support Segment Routing (SR) with all standard features such as Segment routing traffic engineering SR-TE, SR Polices, SR-PCE, PCEP, BGP LS for SDN controller based provisioning and SR -ODN for automated policy aware traffic managemnet etc	SR-PCE, PCEP, BGP LS for SDN controller based provisioning and SR -ODN for automated policy aware traffic managemnet	As per RFP.The primary objective of this RFP is to deliver digital services to government offices and citizens of Gujarat. Therefore, the Bidder and OEM must ensure that the proposed network supports all the services specified in the RFP.
1151	V. Fact Sheet	18. Method of Selection (Define)/ Page No 17	QCBS (50:50) H1 Based selection	Kindly Amend the method of selection from QCBS based H1 to tender based L1.None of Bharantnet tenders have implemented QCBS so far, even recent Bharatnet Tender No. MM/BNO&M/BN-III/T-791/2024 issued on 15.02.2024 was non QCBS based. QCBS model may bring unnecessary interpretations in favour of particular OEM/Bidder and hence we request you to evaluate this tender based upon L-1 basis only and revoke the QCBS model.	Refer the Corrigendum for better clarifications



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1152	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS	1. Network /Page 283	p. Interoperability between OEM for non-vendor locking should be supported at all nodes. Proposed technology partner / OEM for active infra to provide an undertaking to take responsibility of ensuring interoperability with other vendors	Interoperability between OEM for non-vendor locking should be supported at all nodes. Proposed technology partner / OEM for active infra to provide an undertaking to take responsibility of ensuring interoperability with other vendors. Here Kindly revise as Non Vendor locking should be supported but in case of Interop issues, GFGNL needs to facilitate support from other vendor/OEM.	Interoperability between OEM should be supported over standard ITU-T, ETSI and IETF defined protocols.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1153	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS VI. Technical Specifications for Mini OLT	Page 295 of 440	, 4 - Uplink Port 4*10/100/1000M and 2*10G	<p>We request you to Kindly keep OLT configuration as per TEC/GR/FA/PON-002/02/NOV-18 clause 3.4 Mini-OLT specifications and also consider BSNL Bharatnet - Mini OLT Tender configurations MM/BN-O&amp;M/OLT/T-793/2024 dtd 29.2.2024 port configurations(1 X 10 G(optical), 2x 1G (Optical) and 1 RJ45 )</p> <p>Kindly Modify Tender Clause Uplink Port 4*10/100/1000M and 2*10G to (1 X 10 G(optical), 2x 1G (Optical) and 1 RJ45 ) &amp; upgradable to 2*10GE SFP(+) + 2*1GE SFP + 1x1GE ".</p> <p>Alternatively kindly consider the configuration asked in the earlier Last mile connectivity RFP ref Tender Enquiry No.: GFGNL/GFG/e-file/263/2024/0095/Commercial-Utilization Gujarat Fibre Grid Network Limited (GFGNL) dated 16/08/2024</p>	Pl see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1154	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS VI. Technical Specifications for Mini OLT	Page 295 of 442	VI. Technical Specifications for Mini OLT , 3 Certification MTCTE, NCCS	MTCTE Certificates will not be valid for shipments from 01-04-2025. As per DOT guidelines MTCTE Valid only till by 31-03-2025 else ITSAR is Mandatory for GPON from 01-04-2025. further shipments ITSAR is Mandatory , Request you to Kindly Add OEM Undertaking/ Declaration for ITSAR ,NCCS/TTC to be submitted along with Bid & Ensure application for Certification & certificate before issuing PO and shipment respectively	<p>The mandatory certificates as per the telecom regulations within India are to be provided whichever are applicable on the date of issue of RFP.</p> <p>However, if any OEM has problem in providing the reference certificates as per ask of the RFP, then the OEM may provide letter of undertaking along with evidence of application to designated institution for wider participation.</p> <p>However, applicable certificates, any amendments or issuance of compliance / guidelines are to be met before installation in our network.</p> <p>The above is non-negotiable condition for claiming any payments</p>

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1155	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS VI. Technical Specifications for Mini OLT	Page 295 of 445	10 Layer 2 Protocol Should support Spanning Tree,IEEE 802.1Q, VLAN,IEEE 802.1w, RSTP,IEEE 802.3ad physical link static/dynamic aggregation,Support OMCI Encryption enabled / disabled for ONT,Support OMCI authentication for ONT,(LACP),QoS,Multicast, Reliability, DHCP	It seems like specs are copied from Specific Vendor data sheet line by line. We request to keep as per TEC GR no TEC/GR/FA/PON-002/02/NOV-18 the Mini-OLT section and modify the Clause as OLT <i>Should support ,IEEE 802.1Q, VLAN RSTP,IEEE 802.3ad physical link static/dynamic aggregation Support OMCI authentication for ONT,(LACP),QoS,Multicast, Reliability, DHCP"</i>	<p>While addressing the risk of eliminations on minor grounds, we are reiterating the below general principles of governing ease in evaluation and ease of doing business to de-risk from proprietary terminology and falsification perception leading towards elimination of competition.</p> <ol style="list-style-type: none"> <li>1) Tenderer want wider competition, MII, ease in technical terminologies.</li> <li>2) The default applicability of DoT directives.</li> <li>3) Tenderer want adoption and implementation of Make in India policy and latest notifications in letter and spirit.</li> <li>4) The TEC GRs are the fabric of functionality and latest TEC GRs is the default applicability unless and until specifically mentioned.</li> <li>5) Ease in technology terminologies. The equivalence of any standard, proprietary words / monopolized ask, workaround minor ports, bidder / OEM may provide equivalence of the same to avoid disqualification on minor grounds without any additional cost to GFGNL and without diluting functional deliverables."</li> </ol>

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1156	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS VI. Technical Specifications for Mini OLT	Page 295 of 446	11 Network Security Limiting the maximum number of users on each port,Port isolation, Packet storm control,Flow-based ACL access control function Transmission data encryption on the,PON interface, Supports TACAS+	This Clause is not inline with TEC GR no TEC/GR/FA/PON-002/02/NOV-18 the Mini-OLT & or BSNL Bharatnet - Mini OLT Tender configurations MM/BN-O&M/OLT/T-793/2024 dtd 29.2.2024 . Present requirement seems to be vendor/OEM Specific. Hence we request you to modify the Clause as per TEC GR	Please see preceding response
1157	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS	Page 295 of 448	12 Configuration Management Various management modes such as CLI, SNMP and TELNET, Conducting software upgrade through TFTP Debug output	This Clause is not inline with TEC GR no TEC/GR/FA/PON-002/02/NOV-18 the Mini-OLT & or BSNL Bharatnet - Mini OLT Tender configurations MM/BN-O&M/OLT/T-793/2024 dtd 29.2.2024 . Present requirement seems to be vendor/OEM Specific. Hence we request you to modify the Clause as per TEC GR	Please see preceding response

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
	VI. Technical Specifications for Mini OLT				
1158	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS VI. Technical Specifications for Mini OLT	Page 295 of 448	Add this new Clause	OLT Should have Front input power connector access . Front power access allows easy to connect power cable & easy for Maintenance when installed in Rack , Most of the OEMS Support Front access power Supply	Please see preceding response

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1159	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS VI. Technical Specifications for Mini OLT	Page 295 of 453	21 ,Power Consumption Up to 30W	This Clause is not inline with TEC GR no TEC/GR/FA/PON-002/02/NOV-18 the Mini-OLT & or BSNL Bharatnet - Mini OLT Tender configurations MM/BN-O&M/OLT/T-793/2024 dtd 29.2.2024 . Present requirement seems to be vendor/OEM Specific. Hence we request you to modify the Clause as per TEC GR	Please see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1160	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS VI. Technical Specifications for Mini OLT	Page 295 of 454	24 Other - Static and dynamic IP allocation should be supported - DBA(Dynamic Bandwidth Allocation),Multicast,QoS,SNMPv2 C/V3 support	<p>This Clause is not inline with TEC GR no TEC/GR/FA/PON-002/02/NOV-18 the Mini-OLT &amp; or BSNL Bharatnet - Mini OLT Tender configurations MM/BN-O&amp;M/OLT/T-793/2024 dtd 29.2.2024 .</p> <p>Present requirement seems to be vendor/OEM Specific. Hence we request you to modify the Clause .</p> <p>Static and dynamic IP allocation to is passthrough Function of OLT , it is based Type service and application IN IPOE service provision</p> <p><b>- Request you to modify the clause as OLT should be supported - DBA(Dynamic Bandwidth Allocation),Multicast,</b></p>	Please see preceding response
1161	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS	Page 295 of 458	Add this new Clause	<p>We request you to add the clause , OLT Should Support 50ms Ring protection protocol.</p> <p>This provides Better SLA performance of packet switchover "</p>	This is as per the business and functional requirement.



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
	VI. Technical Specifications for Mini OLT				
1162	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS VII. Technical Specifications For ONT(Optical Netwo	Page 296 of 440	Support SNMP V3, Remote management, OMCI, TR69 should have facility to set password for local & remote login, ITU-T G.984.1/2/3/4, 32 Tcont,128 Gempport, Support FEC (Forward Error Correction) downstream and upstream, support SBA/DBA	As GPON Standard ITU-T G.984.4 GPON ONT are managed Through OMCI protocol through OLT not SNMP , We Request you to kindly remove SNMP for ONT management . & as per Broadband Forum (BBF) ONT part of CPE which also managed using TR-069. Modify the Clause as "Support ONT Remote management using OMCI, TR69 should have facility to set password for local & remote login, ITU-T G.984.1/2/3/4, 32 Tcont,Support FEC (Forward Error Correction) downstream and upstream, support SBA/DBA "	We have specified business and functional ask of the network at many places to de-risk from proprietary terminology / inclusion of certain protocols that may lead towards elimination of competition and for wider competition, please see preceding response and specific provisions for elimination on minor grounds.  The equivalence of any standard, proprietary words / monopolized ask, workaround minor ports, bidder / OEM may provide equivalence of the same to avoid disqualification on minor grounds without any additional cost to GFGNL and without diluting functional deliverables.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
	rk Terminal) manageable				

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1163	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS VII. Technical Specifications For ONT(Optical Network Terminal) manageable	Page 297 of 440	9. Manageability MQTT/Modbus TCP/IP, Simple Network Management Protocol (SNMP), support SSH, SNMPv3, Telnet, and HTTPS, support WEB /TR069/TELNET/CLI, support DHCP functions like DHCP Server and DHCP Relay	<p>This Clause is not inline with TEC GR no TEC/GR/FA/PON-002/02/NOV-18 the Mini-OLT &amp; or BSNL Bharatnet - Mini OLT Tender configurations MM/BN-O&amp;M/OLT/T-793/2024 dtd 29.2.2024 .</p> <p>Present requirement seems to be vendor/OEM Specific. Hence we request you to modify the Clause.</p> <p>As GPON Standard ITU-T G.984.4 GPON ONT are managed Through OMCI protocol through OLT not SNMP . Also &amp; as per Broadband Forum (BBF) ONT part of CPE which also managed using TR-069.</p> <p><b>We Request you to kindly remove SNMP for ONT management .</b></p> <p><b>Manageability MQTT/Modbus TCP/IP, Simple Network Management Protocol (SNMP),</b></p> <p>Modify the Clause as <b>Manageability support WEB /TR069/TELNET/CLI, support DHCP functions like DHCP Server and DHCP Relay</b></p>	Please see preceding response.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1164	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS VII. Technical Specifications For ONT(Optical Network Terminal) manageable	Page 297 of 441	11. GPON equipment: As TEC-GR-FA-PON-002-02-NOV-18 /TEC 72050:2021or latest with all amendments	We understand Equipment ( OLT/ONT) should be TSEC GR certified or Form B Should be Submitted before Bid submission Date .Kindly confirm	Please see preceding principles and response.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1165	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS VII. Technical Specifications For ONT(Optical Network Terminal) manageable	Page 297 of 442	12. Safety standard UL / I UL/IEC/ MTCTE and NSDTS certified	<p>As per NCCS, DOT Notification No NCCS/HQ/COMSEC/2021-22/III dated 16-04-2024, Security Testing of IP Router as per ITSAR document published by NCCS is mandatory as part of MTCTE testing and that the MTCTE certificate will not be issued unless ITSAR testing is completed. The OEMs who have taken MTCTE certificate prior to this notification also need to go through this mandatory testing as per this notification.</p> <p>Hence, we request that the OEMs, who have applied for MTCTE be allowed to bid in tender with MTCTE application for the quoted router models in lieu of certificate. However, such OEMs shall provide the MTCTE certificate before supply.</p>	<p>The mandatory certificates as per the telecom regulations within India are to be provided whichever are applicable on the date of issue of RFP.</p> <p>However, if any OEM has problem in providing the reference certificates as per ask of the RFP, then the OEM may provide letter of undertaking along with evidence of application to designated institution for wider participation.</p> <p>However, applicable certificates, any amendments or issuance of compliance / guidelines are to be met before installation in our network.</p> <p>The above is non-negotiable condition for claiming any payments</p>

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1166	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS VIII. Technical Specifications for LAN Switch	Page 297 of 440	VIII. Technical Specifications for LAN Switch TEC GR Standard No.: TEC 48060:2023, with latest amendments if any or NDPP certified	NDPP is a foreign certification and for Indian Deployments TSEC standard is mandatory .Kindly remove NDPP and make TSEC certificate /Form B before bid submission	Pls see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1167	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS VIII. Technical Specifications for LAN Switch	Page 297 of 440	2. No. of Ports For 24 Port Switch: 24 ports of 10/100/1000 BaseT (out of 24 ports, 4 ports should be PoE supported with PoE power support of minimum 80W) and 2 Uplink ports of 1GE (10/100/1000Mbps) with RJ45 without SFP and with sperate optical SFP For 8 Port Switch : 8 PoE ports of 10/100/1000 BaseT with PoE power support of minimum 60W	<p>This is OEM specific Switch configuration , Please allow Generic industry standered as per As per LAN switch specifications, the quoted 24-port and 8-port switch models to comply to functional requirements against category IV (B) and category V (A) respectively of the TEC GR Standard No.: TEC 48060:2023. . Request you to modify the Clause as</p> <p>For 24 Port Switch: 24 ports of 10/100/1000 BaseT (out of 24 ports, Any ports should have POE /non POE configuration ( per port POE configuration ) and Should have min 4 SFP uplinks &amp; Uplink Should Support stacking .POE Budget up to 180W.</p> <p>For 8 Port Switch : 8 PoE ports of 10/100/1000 BaseT with PoE &amp; 4 *1GE uplin ports , support of minimum 120w POE Budget &amp; maximum POE Budget 240W</p>	Pls see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1168	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS VIII. Technical Specifications for LAN Switch	Page 297 of 442	. Features DHCP, IGMP V3, IEEE 802.1Q VLAN, QandQ, encapsulation, 802.1d (Spanning tree), 802.1w (RSTP), 802.1s (MSTP) Should support minimum 1000 active VLANs	Request you to allow 4K VLAN standered conifiration as per TEC GR no TEC 48060:2023. kindly modify clause as . <b>" Features DHCP, IGMP V3, IEEE 802.1Q VLAN, QandQ, encapsulation, 802.1d (Spanning tree), 802.1w (RSTP), 802.1s (MSTP) Should support 4K VLANs"</b>	Please see revision
1169	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS	Page 297 of 443	6. Operation Temperature 0 to 50 °C	Temparature for Switch Should same of OLT , Both Switch & OLT are placed in same environment , Kindly modify clause as " <b>Operation Temperature 0 to 60 °C"</b>	Please see revision



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
	VIII. Technical Specifications for LAN Switch				
1170	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS VIII. Technical Specifications for LAN Switch	Page 297 of 444	8. Safety standard UL / IEC / MTCTE and NSDTS certified	We request you to Please add latest MTCTE requirements , As per DOT guidelines MTCTE Valid only till by 31-03-2025 else ITSAR is Mandatory for GPON from 01-04-2025. ITSAR will take 6 Months to 1 Year , Request you to Kindly Add OEM Undertaking/ Declaration for ITSAR ,NCCS/TTC to be submitted along with Bid & Ensure application & certificate before issuing PO , Kindly specify include min EMI /EMC specs as below	Please see preceding response.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1171	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS VIII. Technical Specifications for LAN Switch	-	Please add This New Clause	There no mention of EMI /EMC certificate asked in the RFP ,considering 5- 10 years performance context , Kindly add , <i>Switch Should have , Safety CE, EN60950-1 EMI and EMC-FCC Part 15 Subpart B, Class A EN 55022, EN 55011 EN 300 386 EN 61000-3-2, EN 61000-3-3 EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5 EN 61000-4-6, EN 61000-4-8, EN 61000-4-11 EN 61000-6-4</i>	Pls see revision
1172	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS	-	Please add This New Clause	Switch Should Front input power connector access . Front power access allows easy to connect power cable & easy for Maintenance when installed in Rack , Most of the OEMS Support Front access power Supply	Please see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
	VIII. Technical Specifications for LAN Switch				
1173	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS VIII. Technical Specifications for LAN Switch	-	Please add This New Clause	Considering 5- 10 years performance context Switches Should Support Carrier Ethernet Q-Q tagging, Ring Protection ERPS 50ms and Ethernet OAM(EFM, CFM, Y.1731) are supported. The switches are CE2.0 compliant	Please see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1174	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS VIII. Technical Specifications for LAN Switch	-	Please add This New Clause	Both 24 port & 8 port Switches should support Persistence POE This permits switch to supply continuous power while switch is rebooting	Please see revision
1175	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS	-	Please add This New Clause	<b>Both 24 port &amp; 8 port Switches</b> Should be upgradable to L3 routing features for future compatibility	Please see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
	VIII. Technical Specifications for LAN Switch				
1176	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS VIII. Technical Specifications for LAN Switch	-	Please add This New Clause	Considering Capex cost over 10 years Switches have low power consumption. 24 port switches consume less than 35W for non PoE configurations 8 port switches consume less than 15W for on PoE configurations	Please see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1177	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS	IV. Technical Specifications for Routers	<p>Minimum Specifications for IP-MPLS at GP Router</p> <p>1. Compliance: TEC/GR 48050:2024 Standard with latest amendments if any or</p> <p>Minimum Specifications for IP-MPLS Block Router</p> <p>1. Compliance: TEC/GR 48050:2024 Standard with latest amendments if any or</p>	<p>Since TEC/GR 48050:2024 has various category of routers. We request to keep the router category XV under "Aggregation Router" of the TEC GR in line with the router specifications mentioned in the tender.</p>	Please see revision
1178	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS	IV. Technical Specifications for Routers	<p>Minimum Specifications for IP-MPLS at GP Router</p> <p>2. Certification: MTCTE, NCCS</p> <p>Minimum Specifications for IP-MPLS Block Router</p> <p>2. Certification: MTCTE, NCCS</p>	<p>As per NCCS, DOT Notification No NCCS/HQ/COMSEC/2021-22/III dated 16-04-2024, Security Testing of IP Router as per ITSAR document published by NCCS is mandatory as part of MTCTE testing and that the MTCTE certificate will not be issued unless ITSAR testing is completed. The OEMs who have taken MTCTE certificate prior to this notification also need to go through this mandatory testing as per this notification. Hence, we request that the OEMs, who have applied for MTCTE be allowed to bid in tender with MTCTE application for the quoted router models in lieu of certificate. However, such OEMs shall provide the MTCTE certificate before supply</p>	<p>The mandatory certificates as per the telecom regulations within India are to be provided whichever are applicable on the date of issue of RFP.</p> <p>However, if any OEM has problem in providing the reference certificates as per ask of the RFP, then the OEM may provide letter of undertaking along with evidence of application to designated institution for wider participation.</p> <p>However, applicable certificates, any amendments or issuance of compliance / guidelines are to be met before installation in our network.</p> <p>The above is non-negotiable condition for claiming any payments</p>

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1179	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS	IV. Technical Specifications for Routers	<p>4. Ports, Interfaces, Wavelength Distance Criteria: For Switching capacity <math>\geq 40</math>Gbps</p> <ul style="list-style-type: none"> <li>• 3 ports of 10G (Pluggable will be in scope of bidder as per solution design),</li> <li>• 3 ports of 1G/10G Pluggable will be in scope of bidder as per solution design</li> <li>• 4 Port of Electrical GE(RJ45 without SFP)</li> </ul>	<p>Under "SCOPE OF WORK" section of this tender, clause 5.2 (V) and 5.7 (j) mentions the requirement of 1Gbps bandwidth per GP and 10 Gbps bandwidth of the GP ring. The clause also mentions that if the bandwidth requirement goes beyond 1 Gbps, additional ring shall be planned by splitting the existing ring. In such a case, 4x10G ports will suffice the requirement on the GP router with min. capacity <math>\geq 40</math> Gbps. This is also in line with Bharatnet Tender No. MM/BNO&amp;M/BN-III/T-791/2024 issued on 15.02.2024. Moreover at GP locations, where child ring terminates, 80Gbps router can be used. Hence we request you to ammend the clause as below:</p> <p>For Switching capacity <math>\geq 40</math>Gbps</p> <ul style="list-style-type: none"> <li>• 2 ports of 10G (Pluggable will be in scope of bidder as per solution design),</li> <li>• 2 ports of 1G/10G Pluggable will be in scope of bidder as per solution design</li> <li>• 4 Port of Electrical GE(RJ45 without SFP)</li> </ul>	Please see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1180	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS	IV. Technical Specifications for Routers	<p>4. Ports, Interfaces, Wavelength Distance Criteria: For Switching capacity <math>\geq 800</math>Gbps</p> <ul style="list-style-type: none"> <li>• 4 ports of 100G or 4 ports of 200G or 2 ports of 400G (Pluggable will be in scope of bidder as per solution design),</li> <li>• 18 ports of 10G/25G (Pluggable will be in scope of bidder as per solution design),</li> <li>• 6 ports of 1G/10G (Pluggable will be in scope of bidder as per solution design),</li> </ul>	<p>Under "SCOPE OF WORK" section of this tender, Clause 26 (Network Design on Pg. 118/119) mentions the sub-block router (<math>\geq 300</math>G) to be connected in ring with master-block router (<math>\geq 800</math>G). Hence, min. 2x100G ports would be required at Master-Block Router to aggregate the traffic from Sub Block Router and 2x200G or 2x400G for uplink depending on the actual bandwidth requirement (from 200Gbps to 400Gbps) at the master-Block.</p> <p>This is also in line with Bharatnet Tender No. MM/BNO&amp;M/BN-III/T-791/2024 issued on 15.02.2024. Kindly ammend the clause as below:</p> <p>Hence we request to ammend the qty of 200G ports from 4 Nos. to 2 Nos.</p>	Please see revision



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1181	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS	IV. Technical Specifications for Routers	<p>4. Ports, Interfaces, Wavelength Distance Criteria: For Switching capacity <math>\geq 800</math>Gbps</p> <ul style="list-style-type: none"> <li>• 4 ports of 100G or 4 ports of 200G or 2 ports of 400G (Pluggable will be in scope of bidder as per solution design),</li> <li>• 18 ports of 10G/25G (Pluggable will be in scope of bidder as per solution design),</li> <li>• 6 ports of 1G/10G (Pluggable will be in scope of bidder as per solution design),</li> </ul> <p>P.N. :</p> <p>1) These above is minimum indicative requirement. However, bidder has to select product and port configuration aligning with bid requirement in totality without any cost to GFGNL.</p> <p>2) The router should support all 400G,100G ports for 100m, 10km, 40km &amp; 80KM pluggable, and 10G ports for 100m, 10km, 40km &amp; 80KM pluggable.</p>	<p>Under "SCOPE OF WORK" section of this tender, Clause 26 (Network Design on Pg. 119), the topology diagram mentions the availability of DWDM nodes on the Master Block Location.</p> <p>This is also in line with Bharatnet Tender No. MM/BNO&amp;M/BN-III/T-791/2024 issued on 15.02.2024. Kindly ammend the clause as below:</p> <p>To connect 200G and 400G uplink ports of the Master Block Router, We understand that 200G/400G ports will be made available by GFGNL either on DWDM node or backhaul router at Master Block Location ? Kindly clarify</p>	Please see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1182	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS	IV. Technical Specifications for Routers	<p><b>Minimum Specifications for IP-MPLS at GP Router</b>  <b>8. Temperature Range: The routers shall be installed in the buildings without air conditioning where adequate ventilation may or may not be available. Therefore, the routers shall meet the Temperature and Humidity Requirements as per Category B of QM-333 standard.</b></p> <p><b>Minimum Specifications for IP-MPLS at Block Router</b>  <b>8. Temperature Range: The routers shall be installed in the buildings without air conditioning where adequate ventilation may or may not be available. Therefore, the routers shall meet the Temperature and Humidity Requirements as per Category B of QM-333 standard.</b></p>	Considering the unavailability of the controlled environment at GP and Block Locations, we request the routers at both GP and Block locations shall comply to the temperature and humidity requirements as per category B2 of QM-333 standard.	<p>1) Fundamentally, we want wider competition, MII, ease in technical terminologies.</p> <p>2) We are not intending for any proprietary terminologies and elimination of competition merely on ground of proprietary words / monopolized ask. To address this issue in general, the equivalence of any standard, proprietary words / monopolized ask, , bidder / OEM may provide equivalence of the same without dilution of functional ask.</p>

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1183	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS	IV. Technical Specifications for Routers	Minimum Specifications for IP-MPLS at Block Router 9. Space requirement: 2 RU (Rack Unit)	We request to keep the form factor of the block router compact as per Bharatnet Tender No. MM/BNO&M/BN-III/T-791/2024 issued on 15.02.2024 similar to the GP routers i.e. 1RU, which will provide dense interfaces in minimum space in the rack. Hence we request to change the space requirement to 1 RU (Rack Unit) for Sub-Block and Master-Block Routers.	Preferably 1U
1184	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS	V. Technical Specifications of Routers	1. System Architecture: Distributed, scalable, and modular architecture with centralized management for multi-vendor devices.	As per clause 2.13 and 2.2.2 of TEC GR (TEC/SD/IT/EMT-001/01/MAR-2016) of EMS. Multi-Vendor support function is part of the upper layer NMS. The NE (OEM) specific EMS communicate via standard protocol, through the northbound interface to a higher-level NMS that provides integrated multivendor network management.  Hence we request to remove the support of multi-vendor devices in EMS in line with the standards mentioned in the TEC GR.	The NEs in the network communicate with their respective EMS. The NE-specific EMS's communicate via standard protocol, through the northbound interface to a higher-level NMS that provides integrated multivendor network management.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1185	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS	V. Technical Specifications for EMS of Routers	Protocol Support: SNMPv1/v2/v3, CORBA, XML, CLI, NETCONF, TL1, Telnet, SSH, and HTTPS for network device communication.	<p>TL1 and CORBA are older frameworks, while SNMPv2/v3, NETCONF, HTTPS, JSON are modern and secured Interfaces for data transmission. Hence we request to make TL1 and CORBA as optional protocols. Request you to modify the clause as per Bharatnet Tender No. MM/BNO&amp;M/BN-III/T-791/2024 issued on 15.02.2024</p> <p>Protocol Support: SNMPv1/v2/v3, CORBA (Optional), XML/JSON, CLI, NETCONF, TL1 (Optional), Telnet, SSH, and HTTPS for network device communication.</p>	Please see preceding response
1186	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS	V. Technical Specifications for EMS of Routers	Integration: Open API support for integration with NMS, OSS/BSS, trouble ticketing systems, and other third-party tools.	<p>Kindly allow REST API also as an option for Integration with NMS, OSS/BSS as it is more widely used and popular protocol. as Bharatnet Tender No. MM/BNO&amp;M/BN-III/T-791/2024 issued on 15.02.2024</p> <p>Kindly ammend the clause as below: Integration: Open API/REST API support for integration with NMS, OSS/BSS, trouble ticketing systems, and other third-party tools.</p>	Please see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1187	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS	V. Technical Specifications for EMS of Routers	12. Platform Compatibility: Cross-platform support for Linux and Windows, compatible with virtualized and cloud-based environments.	<p>The TEC GR (TEC/SD/IT/EMT-001/01/MAR-2016) &amp; TEC GR (TEC/SD/IT/EMT-001/01/MAR-2016) of EMS. of EMS doesn't mandate the use of specific type of Operating System. Hence bidder/OEM shall be free to design the solution with supported OS (either Windows or Linux). Hence we request to ammend the clause as below:</p> <p>12. Platform Compatibility: Cross-platform support for Linux or Windows, compatible with virtualized and cloud-based environments.</p>	<p>The IT and Non IT infrastructure for hosting EMS is the responsibility of GFGNL. The compute (VM) and storage of S-NOC will be provided by the GFGNL. The EMS and associated software including OS, RDBMS and other licenses in the name of GFGNL are in the scope of bidder without any additional cost to GFGNL.</p>
1188	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS	V. Technical Specifications for EMS of Routers	Compliance: Adherence to ITU-T M.3010, M.3020, and TEC standards TEC/SD/IT/EMT-001/01/MAR-2016 and TEC/GR/SW/EMS-001/02/NOV-09.	<p>TEC/SD/IT/EMT-001/01/MAR-2016 is the latest GR, while TEC/GR/SW/EMS-001/02/NOV-09 is an old GR. Hence we request to make only TEC/SD/IT/EMT-001/01/MAR-2016 applicable for EMS and remove ITU M.3010 and M.3020. This is also in line with Bharatnet Tender No. MM/BNO&amp;M/BN-III/T-791/2024 issued on 15.02.2024. Kindly ammend the clause as below:</p> <p>Compliance: Adherence to TEC standards TEC/SD/IT/EMT-001/01/MAR-2016</p>	Please see preceding response

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1189	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS	V. Technical Specifications for EMS of Routers	User Interface: Intuitive, web-based GUI with customizable dashboards, multilingual support, and role-specific access.	The standard TEC GR (TEC/SD/IT/EMT-001/01/MAR-2016) of EMS doesn't mandate the support of multiple languages (multi-lingual). Hence we request to remove multi-lingual support in EMS.	Please see revision
1190	SECTION-4 INSTRUMENTS TO BIDDERS	4.71 PUBLIC PROCUREMENTS	d. The provisions of the Public Procurement (Preference to Make in India) Order 2017 dated June 15, 2017 (or subsequent revisions, if any) by Department of Industrial Policy and Promotion, GOI shall apply to this tender to the extent feasible. However, the participation is open to all i.e. Class-I, Class-II and to Non-local suppliers including foreign suppliers	We request you to kindly implement the latest guidelines of Make in India vide latest order no.No:P-45021/2/2017-PP(BE-II)-Part(4)Vol.II dated 19.7.2024 DPIT GOI should be applicable on this tender. In addition, latest DoT Notification (Ministry of Communications) dated 21st Oct-2024 shall be applicable for this tender	Pls see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1191	SECTION-4 INSTRUCTIONS TO BIDDERS	4.71 PUBLIC PROCUREMENTS	<p>b. As per aforementioned guidelines there shall be three categories for manufacturers/suppliers:</p> <p>I. Class-I Local Supplier: A supplier or service provider whose goods, services or works offered for procurement meets minimum 'Local Content' of 50%.</p> <p>II. Class-II Local Supplier: A supplier or service provider whose goods, services and works offered for procurement meets minimum 'Local Content' of 20% but less than 50%.</p> <p>III. Non-Local Supplier: A supplier or service provider whose goods, services and works offered for procurement has 'Local Content' less than 20%.</p>	<p>We request you to kindly implement the latest guidelines of Make in India vide latest order no.No:P-45021/2/2017-PP(BE-II)-Part(4)Vol.II dated 19.7.2024 DPIT GOI should be applicable on this tender.</p> <p>In addition, latest DoT Notification (Ministry of Communications) dated 21st Oct-2024 shall be applicable for this tender</p>	Pls see revision
1192	SECTION-5 SCOPE OF WORK	5.2 DETAILED SCOPE OF WORK	<p>v. PIA shall build Amendment Bharatnet Program (i.e., BharatNet Phase-III) network architecture to provide 1Gbps bandwidth per each Gram Panchayat which shall be scalable to 10Gbps bandwidth per each Gram Panchayat across Gujarat by ensuring to implement OFC route design and network design concepts provided in subsequent RFP sections.</p>	<p>The bandwidth planned at each GP is 1Gbps. However upgrading to 10Gbps per GP will require 100G port at GP router with 6 to 7 routers in a ring. It will require GP router with capacity <math>\geq</math> 300 Gbps. Hence we understand that 10Gbps bandwidth requirement is only at those GP locations where child ring is terminating.</p> <p>Kindly confirm whether our understanding is correct ?</p>	<p>Please refer clause 5.7 (j) reproduced here "Modification in the Ring Architecture to meet increased Bandwidth Requirement: Initially each ring is designed for 10Gbps with around 6-7 nodes. However, if there is a requirement subsequently to increase the capacity due to increased bandwidth requirement, additional ring shall be created splitting the nodes using spare fibres and spare ports at the Block router. If required, additional Block router may need to be installed at the Block for which separate payment shall be made as per the finalized itemized rates."</p>

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1193	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS	V. Technical Specifications for EMS of Routers	Testing and Certification: Conformance tested for interoperability with multi-vendor devices and certified per TEC GR standards.	As we understand, the interoperability of the EMS is required with other vendor NMS over North Bound Interface and that the existing deployment use case of the quoted EMS model by OEM can be provided as document evidence for the same. Kindly confirm.	Please see revision
1194	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS	V. Technical Specifications for EMS of Routers	Testing and Certification: Conformance tested for interoperability with multi-vendor devices and certified per TEC GR standards.	Kindly confirm if the type approval or TSEC is required for EMS also or not ?	Please see preceding response



Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1195	SECTION-5 SCOPE OF WORK	5.2 DETAILED SCOPE OF WORK	iv. Proposed BharatNet Phase-III Zones on Gujarat Map: For contiguous geography and integration of Phase-I districts, Gujarat will distribute in 6 x zones (Ahmedabad, Gandhinagar, Surat, Vadodara, Rajkot, Bhavnagar) New Package-A comprises of Gandhinagar, Vadodara and Surat Zones. New Package-B comprises of Ahmedabad, Rajkot and Bhavnagar Zones.	Kindly confirm whether GP routers are to be deployed at all GP locations of Phase-I, Phase-II & 4.4K revenue villages ? Kindly provide the schedule of requirements of GP routers	GP routers are to be deployed at all GP locations of Phase-I & Phase-II. EPC
1196	SECTION-5 SCOPE OF WORK	5.2 DETAILED SCOPE OF WORK	iv. Proposed BharatNet Phase-III Zones on Gujarat Map: For contiguous geography and integration of Phase-I districts, Gujarat will distribute in 6 x zones (Ahmedabad, Gandhinagar, Surat, Vadodara, Rajkot, Bhavnagar) New Package-A comprises of Gandhinagar, Vadodara and Surat Zones. New Package-B comprises of Ahmedabad, Rajkot and Bhavnagar Zones.	Kindly confirm whether Block routers are to be deployed at all Block locations of Phase-I, Phase-II ? Kindly provide the schedule of requirements of Sub-Block and Master Block Routers	Pls see revision. EPC.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1197	6. MAF	Requirement /Page No 38	TEC GR	We request you to consider TSEC for entire family of Products applied/ certified under same GR against other BSNL/BBNL/MTNL/State Government/Central Government/ BharatNet tender.	Refer corrigendum with Revised Prequalification Criteria Section

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1198	SECTION-3 ELIGIBILITY CRITERIA	2.1 Company Turnover	The Sole Bidder/Lead bidder(in case of consortium) should have average annual turnover as per following in last three audited financial years ( FY 2021-22, FY 2022-23, and FY 2023-24 ) solely generated from the business of OFC deployment/ Telecom Networking / ITeS field only	<p>While we acknowledge the intention behind establishing financial eligibility criteria, we believe that limiting the turnover exclusively to the OFC Business/ITeS/Telecom Networking sector may hinder fair competition and participation from companies with robust financial backgrounds and relevant expertise. Numerous reputable companies possess diversified portfolios, and it is essential to consider their overall financial strength rather than focusing solely on revenue generated from a specific segment.</p> <p>The clause referenced above presents a significant challenge for our participation. We kindly urge GFGNL to revise or issue subsequent amendments or corrigenda to this clause, allowing the turnover requirement to be assessed based on the company's overall business activities instead of restricting it to sectors. Such an adjustment would encourage wider participation, thus enhancing the competitiveness of the bidding process while maintaining high standards of execution.</p>	<p>The bidder has to understand the core objective and expertise of specific field and hence, RFP clause covers the same field. However for overall Pre-Qualification criteria's please refer the corrigendum with revised Pre-Qualifications criteria.</p>

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1199	TECHNICAL EXPERIENCE	TECHNICAL EXPERIENCE	<p>The Sole or lead bidder in case of consortium should have demonstrable experience with following:</p> <p>For Optical Fibre: The Bidder should have experience of Laying, Installation, Testing and Commissioning of EPC Based Optical Fibre Cable (Underground), Duct and accessories as mentioned below in last 10 Years, as on this bid submission date:</p> <p>One Package: 8,000 Kms Two Package: 15,000 Kms</p> <p>&amp;</p> <p>ii) For Equipment's: Experience of Telecommunication equipment installation, commissioning and O&amp;M of at least-</p> <ul style="list-style-type: none"> <li>• 1000 active nodes, if bidding for 1 package,</li> <li>• 2200 active nodes, if bidding for 2 packages,</li> </ul>	We request you to allow/consider that the Sole bidder or members of the Consortium, should meet the Technical & Financial Capability requirements either on their own or jointly.	Refer corrigendum with Revised Prequalification Criteria Section

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1200	SECTION-5 SCOPE OF WORK Page 174 of 440	5.13.9 OTHER NETWORK O&M PARAMETERS	j).Existing GP Powerbackup/UPS having 1 KVA capacity with 2 hours back up,Bidder needs to upgrade it to achieve atleast minimum 8 Hours of Back up	We understand that warranty extension required for the existing UPS shall be in scope of existing MSI / GFGNL. Please confirm if our understanding is correct.  Also kindly share the make and model of existing UPS incase O&M of same needs to takeover by new bidder of Phase 1 and Phase 2.	Please see preceding response related to AMC and bidder's scope specifically mentioned for Phase-I, Phase-II and Phase-III. In case, any network confidential information is required, Please send your authorized person with NDA for better know-how.
1201	SECTION-10 SPECIAL TECHNICAL CONDITIONS Page 300 of 440	X. Minimum Technical specifications for Uninterrupted Power Supply (UPS) System at GP	3. Backup time - Minimum 6 Hrs with Full load	In clause no. "5.13.9 OTHER NETWORK O&M PARAMETERS" the minimum power backup for UPS is defined as 8 hrs. Whereas in clause no. " X. Minimum Technical specifications" the mentioned power backup time is 6hrs. We understand that there is a typo error in clause no. "5.13.9 OTHER NETWORK O&M PARAMETERS" and the actual required minimum backup time for UPS is 6 hrs. Kindly confirm	Removed the line. Please see revision
1202	SECTION-10 SPECIAL TECHNICAL CONDITIONS Page 281 of 440	Annexure A: TECHNICAL SPECIFICATIONS	7. Battery : TEC GR Standard No.: TEC 67030:2016 with latest amendments if any a. Lithium Ion Battery of 2400 VAH to be used.	We request to allow bidder to size the required battery suitable for maintaining required minimum power backup i.e., 6 hrs.	Please see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1203	General	General	Kindly share the location route map of existing network across the state for Phase 1 and Phase 2	Kindly share the location route map of existing network across the state for Phase 1 and Phase 2 so that we can understand the existing network topology.	We have already provided all GP list with LGD code and asset details. We have given you 15 days time for survey on Page No.153 note i. Further, we advised to send authorized person for site visit. In case, any network confidential information is required, Please send your authorized person with NDA for better know-how.
1204	General	General	As bidder needs to takeover the existing O&M of Phase 1 and Phase 2. For better understanding on the condition of the existing components like switches , router, UPS , we request to share the warranty, Make and Model of the components	Kindly share the make and model with the warranty for Switches, router, UPS as bidder needs to takeover the existing O&M of Phase 1 and Phase 2.	We have already provided all GP list with LGD code and asset details. We have given you 15 days time for survey on Page No.153 note i. Further, we advised to send authorized person for site visit. In case, any network confidential information is required, Please send your authorized person with NDA for better know-how.
1205	SECTION-8 FINANCIAL BID Package A Package B Page no. 223 of 440	FINANCIAL BID FORMAT Package A Package B	Total Notional electricity power Budget Consumptions (Notional Value at full load) at total Sites end for 10 Years considering proposed network solution. (*Bidder has to consider all sites part of solution in this Bid) 5. Overall Active devices power consumption at Site = KWH (unit per hour) *(Multiply) Rs 12/- *(Multiply) 24Hour *(Multiply) *365 days * 10 Years	We understand that the Quoted price for electricity charges in the financial bid is only for budget purpose. GFGNL will directly pay the electricity charges to the respective agencies as per actuals. Payment for recurring electricity charges is not in the scope of the bidder. Kindly confirm.	Query answered above

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1206	SECTION-3 ELIGIBILITY CRITERIA Page no. 47 of 440	3.2 TECHNICAL QUALIFICATION CRITERIA	<p><b>3. Offered Product Portfolio (will be as part of contract):</b></p> <ul style="list-style-type: none"> <li>• Passive Component (Supplied quantity in last 3 years, Manufacturing capacity, Delivery commitment in Gujarat, Service support)</li> <li>• Active Component (Past supplies of offered family and visibility software (EMS) single UI, Repair &amp; return commitment)</li> <li>• Power Backup (Supplied quantity in last 3 years)</li> </ul> <p><b>Note:</b> This marking will be based on Percentile. This will be part of the contract and deliverables and same shall be diligently applied in WO/Agreement</p>	Request you to kindly quantify and define the minimum quantity for the offered product portfolio to evaluate the OEM of active , passive and power backup.	Pl see Revision
1207	SECTION-4 INSTRUCTIONS TO BIDDERS Page no. 57 of 440	4.16 NOTIFICATION OF AWARD & SIGNING OF CONTRACT	<p><b>4.16 NOTIFICATION OF AWARD &amp; SIGNING OF CONTRACT</b></p> <p>ii. Within two weeks of receipt of the Contract form, the successful bidder shall sign and stamp the contract and return it to the TENDERER along with performance guarantee. The performance Bank Guarantee shall be equal to 10% of the contract value valid for duration of 180 days beyond the expiry of contract.</p>	<p>In clause no. 4.16, PBG is mentioned as 10% of contract value whereas contradictory in clause no. 4.32 "<i>Performance Guarantee</i>" <i>pt no iii</i> , the PBG is define as 5% of the value of the order /LOI.</p> <p>And in <i>V. fact sheet</i>, PBG mentioned as 5 % of CAPEX, 5% of OPEX per package Request you to clarify the PBG value.</p>	Pls see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1208	SECTION-4 INSTRUMENTS TO BIDDERS Page no. 65 of 440	4.32 PERFORMANCE GUARANTEE	iii). The performance guarantee will be in the form of bank guarantee for the amount equal of 5% of the value of the Order / LOI towards faithful performance of the contract obligation, and performance of the equipment during Warranty period. In case of termination of contract, the TENDERER shall invoke the PBG.	In clause no. 4.16, PBG is mentioned as 10% of contract value whereas contradictory in clause no. 4.32 " <i>Performance Guarantee</i> " pt no iii , the PBG is define as 5% of the value of the order /LOI. And in <i>V. fact sheet</i> , PBG mentioned as 5 % of CAPEX, 5% of OPEX per package Request you to clarify the PBG value.	Pls see revision
1209	v) FACT SHEET Page no 18 of 440	v) FACT SHEET	21. Performance Bank Guarantee - 5 % of CAPEX, 5% of OPEX per package.	In clause no. 4.16, PBG is mentioned as 10% of contract value whereas contradictory in clause no. 4.32 " <i>Performance Guarantee</i> " pt no iii , the PBG is define as 5% of the value of the order /LOI. And in <i>V. fact sheet</i> , PBG mentioned as 5 % of CAPEX, 5% of OPEX per package Request you to clarify the PBG value.	Pl see revision
1210	SECTION-7 SERVICE LEVEL AGREEMENT(SLA) & PENALTY Page no.	7.3 PROJECT SLA AND PENALTY	g. Penalty for deviation in delivery timelines / milestone to be achieved will be ceiling capped at 15% of total CAPEX of respective package.	In liquidated damages clause no. 4.53, the maximum penalty is defines as 10% of total contract value. Whereas contradictory in <i>clause no. 7.3 Pt G</i> , the penalty against deviation in delivery timeline is capped at 15% of the total CAPEX of respective package. Kindly clarify the LD capping.	Both the clauses serve different objective.



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1211	SECTION-3 ELIGIBILITY CRITERIA Page no. 47 of 440	3.2 TECHNICAL QUALIFICATION CRITERIA	2. The available bid capacity of the following entities as commitment (Undertaking) for Gujarat to execute project on time a) Bidder b) Fiber OEM c) Duct OEM d) UPS OEM	Kindly provide the definition of "Bid Capacity" and let us know how same would be calculated for technical marks.	Pl see Revision
1212	General	General	Diagram -02 ( Phase-II Package-A Network Architecture) Diagram -03 ( Phase-II Package-B Network Architecture)	Please help us to explain why two different ring approach adopted in Package A and B?	Kindly refer Phase-2 RFP for better understanding. We have already provided all GP list with LGD code and asset details. We have given you 15 days time for survey on Page No.153 note i. Further, we advised to send authorized person for site visit. In case, any network confidential information is required, Please send your authorized person with NDA for better know-how.
1213	26. Network Design :	-	i). First preference for parenting each GP ring to block routers shall be dual homed (i.e. Parenting of each GP ring should be to two different block routers to build node level redundancy)	Ring should start from one sub-block and ends at another. Is this understanding is correct?	Dual homes clarify as parenting to different sub-block equipment physically and logically both.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Remarks/Response
1214	26. Network Design :	-	j). The PIA shall observe the GPs facing power challenges and to take in Linear topology for less impact on ring topology GPs to avoid complete blackout and to maintain high network availability.	Is there any percentage capping on these type of GPs?	Kindly see revised clause.
1215	26. Network Design :	-	k). Maximum number of GP rings to be parented at Sub-Block shall be three (4)	Please clarify the no of rings, is it 3 or 4?	This clause is revised as "Average number of GPs to be parented at Sub-block shall normally be around twenty-three (23). In exceptional case, after approval of GFGNL it may allow maximum up to thirty (30) with given due justification."
1216	N/A	N/A	ONT count	Please confirm is the number of villages is equal to number of ONTs?	Question is not clear
1217	-	N/A	Existing Passive infrastructure	Is SI can reuse the existing passive infrastructure?	Yes, SI shall ensure AMC, warranty support, service support, spares during entire contract period and also shall ensure compliance are as per RFP without any additional cost to GFGNL.

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