

Corrigendum-VII(Part-02)

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)

23rd April 2025



Issued By:

Gujarat Fibre Grid Network Limited (GFGNL)

A Government of Gujarat Company

Block No: 6, 5th Floor, Udyog Bhavan, Sector-11, Gandhinagar 382010

v) FACT SHEET

#	Particular	Details
9.	Last date for submission of Bid/proposal	28/02/2025 21/03/2025 02/04/2025 08/04/2025, 17/04/2025, 22/04/2025 25/04/2025 28/04/2025 at 06:10 pm 03:00 pm

Query Responses:

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
1	SECTION -2 INTRODUCTION	2.1.1.1	To Summarize, 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. As well as laying of incremental OFC (48 Core) for Phase-I blocks interconnectivity to reach up to State Data Center for backhaul connectivity	Request to share Leased Fiber connectivity KMs and bifurcations such as BSNL - Blok, Block to Block, Block to GP, GP-GP that is to be converted in to own built under Phase -III	PI see the details on submission of NDA

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
2	SECTION -3 ELIGIBILITY CRITERIA	Revised TECHNICAL QUALIFICATION CRITERIA	OFC Network:: Any section which is in damaged condition or temporarily restored shall be clearly mentioned in the HOTO memo. For permanent restoration of such damaged sections/temporary restored sections within defined limit as mentioned in section – 5.3 subcluse-15 related to “Repair-Reconstruct-Rectify-Replace”, the PIA shall be paid as per the predefined rates as per Annexure-F.	In order to address 20% above scope request to keep the deleted Provision with dew approval from GFGN Or 990% of the present tender approved rate, whichever is lower, for the work up to 10% of the total taken over incremental OFC RKM (FPOI to GP). VII. In case, such permanent restoration work is required to be taken up beyond 10% of the total taken over incremental OFC RKM, the PIA shall be paid at 80% of the present tender approved rates, in place of predefined rate, for the work carried out beyond 10%.	Pl see preceding response

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
3	SECTION -5	5.8 VIDEOGRAPHY	Videography for all the works like trenching, fibre laying, splicing etc. shall be conducted by PIA. The Video Recording (with Date/ Time stamping and GPS coordinates) of the OFC laying and Ducting works	<p>1. Please share the Software Application, Repository provision (Compute & storage space) and GFGN governance & security management.</p> <p>2. The Practical difficulty in synchronizing cascading activities of Digging , Ducting and Videography will create unnecessary delay.</p> <p>3. Such bulky information can not be useful for future operations or in field O&M as FRTs will be using thin mobile applications during the Network incident operations.</p> <p>4. Considering future usability we request amendment as Time stamp, Lat-long, Location address photograph with measuring scale at every 50 metre interval shall be proposed and it shall be handed over to GFGN in desired format to visualize GIS Route, attributes on Asset management portal to fulfil desktop activity of quality evidence validation.</p>	Software application will be given by the GFGNL including Centralized storage.
4	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS	iV Technical Specifications for Routers	<p>Block Routers Minimum Capacity: Type-A = 800 Gbps, Type-B = 300Gbps</p> <p>GP Routers Minimum Capacity: Type-C = 80 Gbps, Type-D = 40Gbps</p> <p>Block router inclusion in this tender stand deleted as part of de-duplication and merging two</p>	<p>As per the corrigendum Block Router has been removed from the PIA scope hence seeking support from GFGNL in following activities</p> <p>1. Integrations of EMS of different OEM at NMS level</p> <p>2. Extend Support in Services Provisioning</p> <p>3. PIA shall not be penalise if any protocol or services related functional issue occur in future</p>	GFGNL will provide the Sub-Block/Block level router on time and PIA shall not be penalized on account of that.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
	COMPO NENTS		devices for the common purpose for reducing traffic handover, cost	operations due to different OEMs. 4. PIA shall responsible only for GP router Patch upgrade activities	
5	SECTION -6 PROJECT TIMELINES	6.1 PROJECT TIMELINES	T+3 Months - Aggregate commissioning of 1% of Phase-I in a ring visible on the S-NOC with IP-MPLS with village connectivity Aggregate commissioning of 2% of Phase- II in a ring visible on the S-NOC with IP-MPLS with village connectivity	Share TAT for Commissioned Aggregation Router to parent GP ring with adequate Ports and Backhaul DCN provisioning for Router Visibility in SNOC shall be shared for effective Project management	Pl see preceding response
6	Section 10 - Annexure B	XIII. Rack at Block/ Shelter locations for Phase 1 & 2 both	PDU.MCB -- Should have min two nos. 32 Amp PDU(16Amp(6) , 32 Amp(2), 6 Amp (2)), each having min six nos. C13 sockets and six nos. 3-pin round socket	We understand that there are two PDUs, -> PDU1 has MCBs of rating 16Ax6, 32Ax 2, 6A x2 -> PDU2 has Sockets , C13 x 6 and 3Pin round x 6 Is our understanding correct ?	Functional requirement are essential, accordingly PIA has to ensure for readiness of infrastructure.
7	Section 10 - Annexure B	XIII. Rack at Block/ Shelter locations for Phase 1 & 2 both	IP rating -- IP55 & above	If the rack is going to install inside shelter, then IP20 rating is sufficient. IP55 is not required.	Pl see revision
8	Section 10 - Annexure B	XIII. Rack at Block/ Shelter locations for Phase 1 & 2 both	Other specs -- Should have sufficient perforation for ventilation of air with necessary Fan module at top	If shelter has sufficient ventilation, fans are not required for IP20 rack.	Pl see revision
9	Section 10 - Annexure B	XIII. Rack at Block/ Shelter locations for Phase 1 & 2 both	Other specs -- Should be openable by removing screws from Left & Right side (Door in front side)	Not suitable for IP55 rating rack as the rack will be prone to water ingress. But, can be considered for Rack with rating IP20.	Pl see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
10	Section 10 - Annexure B	XIII. 3U wall mounted and self-support rack in Village location	Size -- 7.8-inch rack of 3U usable space with minimum depth of 400 mm.	We understand that 7.8Inch is the height of rack. What is the width required for this rack? Is there any need to 19" mounting provision ?	Pl see revision
11	Section 10 - Annexure B	XIII. 3U wall mounted and self-support rack in Village location	Other -- To be provided with minimum one fan	Fan should be AC powered or DC powered ?	Pl see revision
12	Section 10 - Annexure B	XIII. 3U wall mounted and self-support rack in Village location		Please suggest TEC Specification, if any	Rack as per telecom industry standards and that should be last for entire contract duration with proper safety and stability.
13	Section 5 - clause 5.3 -- point 28	(page 154) -- Note : For Village Connectivity:	UPS with batteries having 2 Hrs of power backup with 1KVA full load.	Is there any more specifications to be followed apart from mentioned spec? Also please suggest TEC specification to be followed	Pl see revision
14	Section 3 - Clause 3.2	Revised TECHNICAL QUALIFICATION CRITERIA	1. Bid Capacity -- Committed Capacity = Monthly Manufacturing capacity – existing monthly order book	Monthly manufacturing capacity : We understand same is for OEM's total manufacturing capacity irrespective of customer or geographic location Existing monthly order book : Can we consider the same as average monthly order book. Because existing monthly order book may exponentially high or almost NIL at a particular point of time. order book is not consistent / fixed at any point of time.	Pl see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
15	1	clause 12 Page 18	Bid Security/ Earnest Money Deposit (EMD) Amount Payable	We understand that the EMD can be prepared and submitted by any member of the consortium	As per RFP.(Should be from lead/sole only)
16	9	9.10.1	ANNEXURE TO BID FORM	We understand that the Note for the annexure to bid form is not applicable for GFGNL gujnet tender. Also there is mention of lead partner and two consortium partners	Bidder can customized accordingly as per the BID.
17	3	3.2 TECHNICAL QUALIFICATION CRITERIA	All clauses in technical qualification criteria	We understand that legitimate undertaking means undertaking in letter head of bidder/OEM. Kindly confirm	PI see revision
18		General	Due date of bid submission	As the project involve comprehensive and there are changes in the tender eligibility criteria , bid submission due date may be extended upto 4 weeks from the present due date to incorporate the clarifications in the bid.	PI see extension
19		General	Undertakings & Formats	We understand that all the undertakings and formats as per tender requirement need to be submitted by each member of the consortium	PI go through the RFP.
20	3.1 Page 63 Clause B	Appendix # A: #Table-02	For Lead Bidder and Consortium Total Experience Of OFC Project(Km) Consortium Partner and/or Lead Bidder 8,000 Km or Rs. 500 Cr (with maximum two (2) organizations each for lead and consortium in last 10 years) Min. 5000 Km experience for consortium partner	We understand that out of total 8000 km or Rs.500 Cr project requirement which can be met from two customers (either by lead member or consortium partner or together) , consortium partner need to meet minimum 5000 kms experience. Kindly confirm	PI See Revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
21	3.1 Page 63 Clause C	Appendix # A: #Table-02	Experience Of OFC- O&M (Km) Consortium Partner and/or Lead Bidder 5,000 Km or Rs. 25 Cr (with maximum two (2) organizations each for lead and consortium in last 10 years) Min. 3000 Km experience for consortium partner	We understand that out of total 5000 km or Rs.25 Cr O&M project requirement which can be met from two customers (either by lead member or consortium partner or together) , consortium partner need to meet minimum 3000 kms experience. Kindly confirm	The Clause is self Explaimentry
22	Master RFP_Phase 3_Corrigendum VI	Page 153 - Network Design - Village Connectivity	UPS with batteries having 2 Hrs of power backup with 1KVA full load.	Request department to clarify on below points related to UPS requirement at Village - 1) Please share Minimum specifications required for UPS. 2) Please share total load to be considered while designing UPS and battery backup. 3) Please specify battery type - SMF/Lithium etc.	Pl see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
23	Section – 5 – Scope of work	28 – Network Design (Page No. 152 of 510)	Page No. 153 of 510 - Note – For village connectivity - UPS with batteries having 2 Hrs of power backup with 1KVA full load	<p>a. Please confirm whether you require UPS with SMF batteries OR Lithium Ion batteries. The battery type significantly impacts cost, lifecycle, charging infrastructure, and design parameters.</p> <p>b. You want backup of 2 hours or 6 hours on connected load or full load. This detail is crucial for accurate UPS and battery sizing.</p> <p>c. The clause refers to UPS with 2-hour power backup on 1 KVA full load. Kindly confirm whether this: * Refers to the existing UPS system, or * Specifies the requirement for a new UPS to be deployed as part of the current project scope.</p> <p>This clarification will help define the extent of hardware supply and installation responsibilities for the bidder.</p>	Pl see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
24	Section – 5 – Scope of Work	5.13.9 – Other Network O&M Parameters	Page No. 214 of 510 - J - Existing GP Power backup/ UPS having 1 KVA capacity with 2 hours back up, Bidder needs to upgrade it to achieve at least minimum 8 Hours 6 Hours of Back up	<p>Upgrading from a 2-hour to a 6-hour backup involves a significant change in UPS design. Specifically:</p> <ul style="list-style-type: none"> * Higher battery capacity will be required, which in turn necessitates a higher charging current capacity. * These upgrades entail additional costs, both in terms of hardware and implementation. <p>Kindly confirm whether any cost provisions or design guidelines will be shared for this enhanced requirement, or if the bidder is expected to factor this entirely within their commercial bid.</p>	New UPS.PI go through the RFP.
25	Section – 10 – Special Technical Conditions	<p>Annexure B: Technical Specifications of Network and Its Components</p> <p>X. Minimum Technical specifications for Uninterrupted Power Supply (UPS) System at GP</p>	<p>Page No. 366 of 510 -</p> <p>1. Type -</p> <p>Online for TEC GR 66160:2019 or latest updates without any Hybrid functionality</p>	<ul style="list-style-type: none"> * TEC GR No. 66160:2019 does not exist. * The valid standards are: * TEC GR No. 66140:2019 – for UPS without hybrid functionality * TEC GR No. 66160:2024 – for UPS with hybrid functionality <p>Kindly confirm the correct TEC GR number that the UPS must comply with, so we can ensure compliance with the appropriate technical standards.</p>	PI see revision
26	3.1.3 Pre - Qualification Criteria /		iii) For Active Equipment's Experience: Experience of Telecommunication equipment installation, commissioning with AMC /warranty or O&M	Kindly Consider below to include More clarity: iii) For Active Equipment's Experience: Either Experience of Telecommunication equipment Installation,	Thanks for identifying typo. PI see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
	Experience			commissioning. or O&M of 1000 active Equipment	
27	SECTION -3 ELIGIBILITY CRITERIA	3.1 PRE-QUALIFICATION CRITERIA (SI No. 3 Minimum Requirement i.a) RFP Name: Master RFP_ABP_Phase-3 RFP_Corr_VI Dated : 16/04/2025 RFP Page No : 55	The Sole or lead bidder (in case of consortium) or any one consortium member should have demonstrable experience with following: i) For Optical Fibre: a) The Bidder The Sole or lead bidder (in case of consortium) or any one consortium member 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 as per table details mentioned in Appendix # A	Since the tender is of higher Capex value and EPC by nature hence we request you to modify the qualifying criteria as below: The Sole or lead bidder (in case of consortium) or any one consortium member should have demonstrable experience with following: i) For Optical Fibre: a) The Bidder The Sole or lead bidder (in case of consortium) or any one consortium member should have experience of Supply, Laying, Installation, Testing and Commissioning with O&M Experience of EPC Based Optical Fibre Cable (Underground), Duct and accessories as mentioned below in last 10 Years, as on this bid submission date as per table details mentioned in Appendix # A	Pl see the RFP

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
28	SECTION -3 ELIGIBILITY CRITERIA	Appendix # A #Table-02 For Lead Bidder and Consortium (Sr No:B) (Total Experience Of OFC Project(Km) Consortium Partner and/or Lead Bidder) (Bid for Single Package) RFP Name: Master RFP_ABP_Phase-3 RFP_Corr_VI Dated : 16/04/2025 RFP Page No : 63	8,000 Km (with maximum two (2) orders in last 10 years) *or OFC Project order value Rs. 500 Cr up to max two (2) multiple orders in last 10 years 8,000 Km or Rs. 500 Cr (with maximum two (2) organizations each for lead and consortium in last 10 years) Min. 5000 Km experience for consortium partner	<p>We assume that there is an typo-error in the clause referred, the word "Organisation" is not giving the desired meaning to the context of the statement. Hence, we hereby share the consolidated changes which is suitable for the project. We request you to consider our request.</p> <p>8,000 Kms or Rs. 500 Cr (from Minimum two (2) orders / multiple orders, order can be from OFC Business/ Telecommunication field / EPC in Power / OFC /GAS or other utility business as per the tender definition in last 10 years)</p> <p>8000 Kms experience should be jointly met by the Lead Bidder along with his consortium partner, (each of them should have a minimum 20% work experience in terms of RKM) in last 10 years.</p>	Pl see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
29	SECTION -3 ELIGIBILITY CRITERIA	Appendix # A #Table-02 For Lead Bidder and Consortium (Sr No:B) (Total Experience Of OFC Project(Km) Consortium Partner and/or Lead Bidder) (Bid for two Packages) RFP Name: Master RFP_ABP_Phase-3 RFP_Corr_VI Dated : 16/04/2025 RFP Page No : 63	15,000 Km (with maximum two (2) orders in last 10 years)* or OFC Project order value Rs. 900 Cr up to max two (2) multiple orders in last 10 years 15,000 Km or Rs. 900 Cr (with maximum two (2) organizations each for lead and consortium in last 10 years) Min. 9000 Km experience for consortium partner	We assume that there is an typo-error in the clause referred, the word "Organisation" is not giving the desired meaning to the context of the statement. Hence, we hereby share the consolidated changes which is suitable for the project. We request you to consider our request. 15,000 Kms or Rs. 900 Cr (from Minimum two (2) orders / multiple orders, order can be from OFC Business/ Telecommunication field / EPC in Power / OFC /GAS or other utility business as per the tender definition in last 10 years) 15000 Kms experience should be jointly met by the Lead Bidder along with his consortium partner, (each of them should have a minimum 20% work experience in terms of RKM) in last 10 years.	Pl see preceding response

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
30	SECTION -3 ELIGIBILITY CRITERIA	Appendix # A #Table-02 For Lead Bidder and Consortium (Sr No:C) (Experience Of OFC- O&M (Km) Consortium Partner and/or Lead Bidder) (Bid for Single Package) RFP Name: Master RFP_ABP_Phase-3 RFP_Corr_VI Dated : 16/04/2025 RFP Page No : 63	<p>5,000 Km (with maximum two(2) orders in last 10 years)* of OFC O&M or order value Rs. 25 Cr up to max two(2) multiple orders</p> <p>5,000 Km or Rs. 25 Cr (with maximum two (2) organizations each for lead and consortium in last 10 years)</p> <p>Min. 3000 Km experience for consortium partner</p>	<p>We assume that there is an typo-error in the clause referred, the word "Organisation" is not giving the desired meaning to the context of the statement. Hence, we hereby share the consolidated changes which is suitable for the project. We request you to consider our request.</p> <p>Since O&M will be issued in a Pro-Rata completion basis the values will be cumulative along with RKM. Hence we request you to amend the clause as below:</p> <p>5,000 Kms or Rs. 25 Cr (from Minimum two (2) orders / multiple orders, order can be from OFC Business/ Telecommunication field / EPC in Power / OFC /GAS or other utility business as per the tender definition in last 10 years)</p> <p>5000 Kms experience should be jointly met by the Lead Bidder along with his consortium partner, (each of them should have a minimum 20% work experience in terms of RKM) in last 10 years.</p>	Pl see preceding response

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
31	SECTION -3 ELIGIBILITY CRITERIA	Appendix # A #Table-02 For Lead Bidder and Consortium (Sr No:C) (Experience Of OFC- O&M (Km) Consortium Partner and/or Lead Bidder) (Bid for two Packages) RFP Name: Master RFP_ABP_Phase-3 RFP_Corr_VI Dated : 16/04/2025 RFP Page No : 63	<p>8000 Km (with maximum two(2) orders in last 10 years)* of OFC O&M or order value Rs. 40 Cr up to max two(2) multiple orders</p> <p>8,000 Km or Rs. 40 Cr (with maximum two (2) organizations each for lead and consortium in last 10 years)</p> <p>Min. 5000 Km experience for consortium partner</p>	<p>We assume that there is an typo-error in the clause referred, the word "Organisation" is not giving the desired meaning to the context of the statement. Hence, we hereby share the consolidated changes which is suitable for the project. We request you to consider our request.</p> <p>Since O&M will be issued in a Pro-Rata completion basis the values will be cumulative along with RKM. Hence we request you to amend the clause as below:</p> <p>8,000 Kms or Rs. 40 Cr (from Minimum two (2) orders / multiple orders, order can be from OFC Business/ Telecommunication field / EPC in Power / OFC /GAS or other utility business as per the tender definition in last 10 years)</p> <p>8000 Kms experience should be jointly met by the Lead Bidder along with his consortium partner, (each of them should have a minimum 20% work experience in terms of RKM) in last 10 years.</p>	Pl see preceding response

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
32	SECTION -3 ELIGIBILITY CRITERIA	3.1 PRE-QUALIFICATION CRITERIA (SI No. 3) Experience, Minimum Requirement, Note-5 RFP Name: Master RFP_ABP_Phase-3 RFP_Corr_VI Dated : 16/04/2025 RFP Page No : 57	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/ 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 .	Note-5: If a bidder falls short of the EPC requirement through underground OFC implementation, upto 60% 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/ 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 .	Pl see revision in Master RFP
33	SECTION -3 ELIGIBILITY CRITERIA	3.1 PRE-QUALIFICATION CRITERIA #3 Documentary proof 3.1 RFP Name: Master RFP_ABP_Phase-3 RFP_Corr_VI Dated : 16/04/2025 RFP Page No : 54	3.1 Validated Data from Government sources (reports, portal log, Client certificates from government sources Etc.)	Considering the possibilities in a project we request you to amend the following changes Validated Data from Government sources (reports /portal log / Client certificates from government sources Etc.) However, for OFC O&M, only a client certificate is possible to submit, Kindly confirm. Further, for OFC O&M, private sector experience also will be considered, Kindly confirm.	Pl see revision in Master RFP

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
34	SECTION -5 SCOPE OF WORK	5.3.15.a RFP Name: Master RFP_ABP_Phase-3 RFP_Corr_VI Dated : 16/04/2025 RFP Page No : 145	<p>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,sss</p> <p>a) For rectification or replacement of the % work scope is expected as below,</p> <p>For Phase-I, in between of 10% to 20% 20% to 25%of existing network,</p> <p>For Phase-II, in between of 5 % to 10% of existing network.</p> <p>(For Phase-I, in between of 10% to 20% 20% to 25%of existing network shall be paid by the GFGNL.At the same time, beyond opted limit in between 10% to 20% 20% to 25% 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>As per the standard Telecom practice “Repair-Reconstruct- Rectify-Replace” of existing fiber should be paid 100% at actuals of the existing network since the network was done by a different PIA and was in service for a reasonable time considering the wear and tear and the environmental factors. We request you to consider and amend the clause to 100% payment of Repair-Reconstruct- Rectify-Replacement of the actual quantity of work carried out in the existing fiber of Phase-I & Phase-II with prior approval of GFGNL. Further the prices mentioned in Annexure-F are very old. Hence, we request you to amend with the new prices discovered by this tender.</p>	RFP is in EPC model.We have given sufficient risk coverage.PI go through the RFP.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
35	SECTION -5 SCOPE OF WORK	5.3.15.b RFP Name: Master RFP_ABP_Phase-3 RFP_Corr_VI Dated : 16/04/2025 RFP Page No : 145	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. And therefore, beyond the choosen upper limit, any additional cost of repair or replacement will be in the scope of the bidder without any cost to GFGNL.	Since the quantity ascertained is on an approximation basis and in all probability can breach the upper limit of % scope to be declared in the technical qualifications criterias. Hence, we request you to amend the clause to at actual quantity basis, the same can be validated and certified by GFGNL to commence the work. Further we request you to amend the rates as per the L1 Prices discovered in the current edition of the tender to meet the realistic market prices as on date.	Pl see preceding response
36	SECTION -5 SCOPE OF WORK	5.3.19 RFP Name: Master RFP_ABP_Phase-3 RFP_Corr_VI Dated : 16/04/2025 RFP Page No : 146	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. Wherever the existing electricity poles are not available; the PIA shall erect a 7 Meter RCC pole. The PIA shall have to replace	Since the poles can get damaged for varying reasons the PIA is responsible only for the poles erected by them for the quality related issues any other act of God the cost of actual reinstatement should be paid at actuals to the PIA. We request you to amend the clause accordingly	Pl see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
			such poles damaged for any reason whatsoever during the contract period without any additional cost to GFGNL.		

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
37	v) FACT SHEET	12. Bid Security/ Earnest Money Deposit (EMD) Amount Payable RFP Name: Master RFP_ABP_Phase-3 RFP_Corr_VI Dated : 16/04/2025 RFP Page No : 18	Rs. 10 Cr (Rupees Ten Crore only) Rs. 25 Cr (Rupees twentyfive crore only) per package, Details of the Bank: Name of the Beneficiary: Gujarat Fibre Grid Network Limited Bank Name: HDFC Bank Ltd. Bank Account Number: 50200061458239 IFSC code: HDFC0000190 MICR Code: 520011025 Branch Code : 000190 Branch Name: Sector 16 , Gandhinagar Branch Note: i) As per the GoG guideline, EMD should be in the form of BG as per the GoG GR No. FD/MSM/efile/4/2023/4020/D.M.O dated 11-03-2024 or latest regarding the Acceptance of Bank Guarantee as SD and EMD. ii) DD/Payorders are not accepted as EMD.	We request you to kindly restore the earlier EMD value of Rs 10 cr. given in the previous addition of the tender. Details of the Bank: Name of the Beneficiary: Gujarat Fibre Grid Network Limited Bank Name: HDFC Bank Ltd. Bank Account Number: 50200061458239 IFSC code: HDFC0000190 MICR Code: 520011025 Branch Code : 000190 Branch Name: Sector 16 , Gandhinagar Branch Note: i) As per the GoG guideline, EMD should be in the form of BG as per the GoG GR No. FD/MSM/efile/4/2023/4020/D.M.O dated 11-03-2024 or latest regarding the Acceptance of Bank Guarantee as SD and EMD. ii) DD/Payorders are not accepted as EMD.	Pl see revision
38	Additional Query	Additional Query	Additional Query	Post to the issue of the corrigendum we request you to give a timeline of atleast 2 weeks to submit our bid successfully	Pl see date

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
39	SECTION -10 SPECIAL TECHNICAL CONDITIONS	IV. Technical Specifications for Routers. Point No (4) Ports, Interfaces, Wavelength Distance Criteria for GPs (Page 343)	GFGNL Clarification VI for Phase 3 : The control plane redundancy is optional. However, if any OEM will provide control-plane redundancy, then it will consider for higher score as part of better quality product.	The modular chassis or fixed integrated chassis, both are allowed for wider competition subjected to redundant, hotwappable control and interface cards. All the 10G and 1G(Optical) ports should be distributed in two card to maintain SLA of 99.5% uptime.	Pl see revision
40	SECTION -3 ELIGIBILITY CRITERIA	SECTION-3 ELIGIBILITY CRITERIA. Point No (6) MAF	GFGNL Clarification VI for Phase 3 : (iii) Maximum two MAF are allowed. clearly mentioning the Primary MAF and Secondary MAF. The bidder has no choice to shift the secondary MAF to Primary MAF in any conditions.	Maximum two MAF are allowed. The bidder may supply equipments from any one or both the OEMs to achieve milestones mentioned in the GFGNL RFP. Recently, in the BSNL tender, 4 OEMs were allowed and bidder may supply equipments for any one or all the OEMs to achieve milestones of BSNL Tender.	Repeated Query, Please refer the queries answered in earlier Corrigendum
41	SECTION -4 INSTRUCTIONS TO BIDDERS	4.44 PATENT RIGHTS, COPY RIGHT & IPR (Page 104)	GFGNL Clarification VI for Phase 3 : The IPR of the IP-MPLS software is optional. However, if any OEM will submit the legitimate undertaking or access rights, will consider for higher score as part of better quality product.	IPR of the IP-MPLS software should be in the name of Tenderer / OEM. <u>IPR for the software of offered models of IP-MPLS routers should be registered in India and a certificate of the IPR must be attached with the bid. (Mandatory)</u>	Pl see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
42	IV. Technical Specifications for Routers Ports, Interfaces, Wavelength Distance Criteria	IV. Technical Specifications for Routers Ports, Interfaces, Wavelength Distance Criteria	<p>For Switching capacity $\geq 40\text{Gbps}$</p> <ul style="list-style-type: none"> • 2 ports of 10G (Pluggable will be in scope of bidder as per solution design), • 2 ports of 1G/10G Pluggable will be in scope of bidder as per solution design • 4 Port of Electrical GE (RJ45 without SFP) <p>— If OEM will provide additional ports over and above minimum specification, then it will consider for higher score in better quality product.</p> <ul style="list-style-type: none"> • The modular chassis or fixed integrated chassis, both are allowed for wider competition subjected to control plane and data plane redundancy without compromising ask of the RFP. • The control plane redundancy is optional. However, if any OEM will provide control-plane redundancy, then it will consider for higher score as part of better quality product. 	Instead of 4 Ports of Electrical GE (RJ45 without SFP), it is suggested to allow 4 GE ports with SFPs. This will optimize the usage of port as per last mile requirement of the customer, either with Electrical or with optical SFPs.	Pl see revision
43		General	Due date of bid submission	As the project involve comprehensive and there are changes in the tender eligibility criteria and revised tender document and price schedule is uploaded and it requires enough time for scrutiny of the same , bid submission due date may be extended upto 4 weeks from the	Pl see date

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
				present due date to incorporate the clarifications in the bid.	
44	3.1 Page 63 Clause B	Appendix # A: #Table-02	For Lead Bidder and Consortium Total Experience Of OFC Project(Km) Consortium Partner and/or Lead Bidder 8,000 Km or Rs. 500 Cr (with maximum two (2) organizations each for lead and consortium in last 10 years) Min. 5000 Km experience for consortium partner	Specific eligibility requirement for consortium partner, which is on the higher side is restrictive. In order to allow maximum participation, the eligibility criteria may be allowed to be met by any one member of the consortium	Pl see preceding response
45	3.1 Page 63 Clause C	Appendix # A: #Table-02	Experience Of OFC- O&M (Km) Consortium Partner and/or Lead Bidder 5,000 Km or Rs. 25 Cr (with maximum two (2) organizations each for lead and consortium in last 10 years) Min. 3000 Km experience for consortium partner	Specific eligibility requirement for consortium partner, which is on the higher side is restrictive. In order to allow maximum participation, the eligibility criteria may be allowed to be met by any one member of the consortium	Pl see preceding response

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
46	Page 69 of the RFP	Note- 4:	<p>Any Bidder found to have a Conflict of Interest shall be disqualified. In the event of disqualification, GFGNL shall be entitled to blacklist/suspend/terminate 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. Without limiting the generality of the above, a Bidder shall be deemed to have a Conflict of Interest affecting the Bidding Process, if:</p> <p>I. A constituent of such Bidder, (the Bidder, its consortium</p>	<p>In the previous RFP, conflict of interest clause was part of the prequalification clause which got deleted in the latest Master RFP. We understand that Bidders are allowed to address both the SNOC tender as well as GFGNL BN Phase-3 RFP as this condition removed in PQ condition of latest Master RFP. Please confirm</p>	It is still there ,pl see RFP section

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
			<p>member (the “Member”) or Associates (or any constituent thereof) and any other Bidder, its consortium member or Associate), for the Package, is also a constituent of another Bidder, for the Package; or</p> <p>II. A constituent of the GFGNL Central NOC RFP or</p> <p>III. Such Bidder has the same authorized representative for purposes of this Bid as any other Bidder for the same Package; or</p> <p>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.</p>		

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
47	--	--	Chronology and Legend	<p>Corrigendum III was released on 19th Mar</p> <p>Corrigendum IV was released on 19th Mar</p> <p>Detail of Corrigendum V is also missing.</p> <p>Request to correct the corrigendum nos. and date of release.</p>	Details are incorporated into the RFP
48	v) Fact Sheet	15, 16	Opening of Qualification Bids: To be announced later Opening of Technical Bids: To be announced later	As Bid validity is linked with last date of bid submission and opening of Technical Bid, please confirm the date of opening of Qualification Bid as well as Technical Bid.	Pl see the RFP
49	v) Fact Sheet	17	Technical Presentation: To be announced later	As per our understanding - date of technical presentation to be informed later on to Technically qualified bidder. Please confirm.	Pl see the RFP
50	v) Fact Sheet	19	Date for the opening of financial bid for technically qualified bidders: To be announced later	As per our understanding - date of opening of Financial Bid to be informed later on to Technically qualified bidder. Please confirm.	How?

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
51	v) Fact Sheet	10	Last date for submission of Bid/proposal (Physical copy excluding financial bid only if asked based on nature of RFP) - Within 2 working days from the Date of submission of online bid dates in working hours (till 06:10pm)	<p>1) These clauses are contradictory to each other. One ask to submit the documents within 2 working days whereas another clause 4 working days are allowed. We understand, Bidder is allowed to submit the Physical copy of BG with other required documents within 4 working days from date of submission of Bid. Please confirm.</p> <p>2) Again, one clause ask to submit only 3-4 documents as Physical submission of Bid whereas another says these documents including all other documents applicable for bid evaluation need to submittd.</p> <p>To avoid the confusion either delete the statement 'including all other documents applicable for bid evaluation need to submit...' or please mention the name of other documents applicable for bid evaluation and need to be submitted as part of Physical submission of Bid.</p> <p>As per our understanding only four document (as listed below) to be submitted physically within 4 working days from date of submission of Bid-</p> <p>i) Integrity Pact, ii) EMD, iii) RFP Document Fee and</p>	Typo error , we have corrected.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
				iv) Letter of Authorization Please confirm if our understanding is correct.	

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
52	v) Fact Sheet	13	Submission of i) Integrity Pact, ii) EMD, iii) RFP Document Fee and Letter of Authorization At 06:10 pm (Date of submission of online bid + 4 working Days) for physical copy		Pl see preceding response
53	v) Fact Sheet	Note	All the physical copy/documents, i) Integrity Pact, ii) EMD, iii) RFP Document Fee and iv) Letter of Authorization and including all other documents applicable for bid evaluation need to submit excluding the financial bid documents within 4 working days from the Date of submission of online bid dates.		Pl see preceding response
54	1	1.1(j)	Initially valid for 180 days from last date of bid submission with claim period of 45 days. In case of price validity beyond claim period, bidder need to submit BG with extendable period for price validity including claim period.	It seems new clause inserted in both these clauses is for BG/EMD validity and not for Bid validity. As per our understanding Bid validity should be 180 days from last date of submission of Bid. Please confirm.	Pl see the RFP
55	4	4.11	BID VALIDITY Initially valid for 180 days from last date of bid submission with claim period of 45 days. In case of price validity beyond claim period, bidder need to submit BG with extendable period for price validity including claim period.		Pl see the RFP

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
56	-	3	Bid Form 3. We agree to abide by this Bid for a period of 180 days from the date fixed for Bid opening or for subsequently extended period, if any, agreed to by us. This bid shall remain binding upon us upto the aforesaid period and may be accepted at any time before the expiration of that period.	As date of Bid opening has not been declared in the RFP, Bid validity should be 180 days from last date of submission of Bid. Please confirm.	Pl see the RFP
57	-	3	Certified that the period of validity of bids is 180 days from financial bid opening date.	As date of Financial Bid opening has not been declared in the RFP, Bid validity should be 180 days from last date of submission of Bid. Please confirm.	How?
58	1	1.2(iv)	Interested and eligible Bidders are required to upload the eligibility related document in eligibility bid section, Technical related document in technical bid section & Commercial Bid in Commercial bid section. the Bid Security must be delivered to the office of Gujarat Fibre Grid Network Limited on or before the last date and time of submission of the bid.	As per our understanding and clause 13 of Fact sheet of the tender (Page 19), Physical docs need to be submitted within 4 days after last date of online submission of Bid. Request to amend the clause accordingly.	Repeated query
59	3	3(3.1)	Documentary proof 3.1) Validated Data from Government sources (reports, portal log, Client certificates from government sources Etc.)	We understand submission of only the client certificate suffice the purpose. Please confirm.	Pl see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
60	3	3.1(3)(i)	<p>The Sole or lead bidder (in case of consortium) or any one consortium member should have demonstrable experience with following:</p> <p>AND</p> <p>iii) For Active Equipment's Experience: Experience of Telecommunication equipment installation, commissioning with AMC /warranty or O&M of at least- as per table details mentioned in Appendix # A</p> <p>The active nodes to be considered for this criterion can be Routers, Layer-3 Switches, BNGs, PTNs/CPANs, DWDM, OLTs of 16 or more ports, enode-B, BTS and OTN.</p>	As Appendix #A doesn't ask for any O&M experience for active equipment need clarity whether O&M experience of Active equipment is required or not.	Pl see revision
61	-	Note II	<p>The Bidder may quote two MAF clearly stating primary MAF and secondary MAF. It is binding on the bidder to supply quoted products from primary MAF only. The purpose of secondary MAF is backup arrangement can be exercised upon written request from PIA in following circumstances only. The any other reason for change request will not be admissible.</p> <ul style="list-style-type: none"> • Insolvency • Force-majure 	<p>We understand mentioning 'Primary' and 'Secondary' in separate document say in 'make & model detail' will suffice the purpose.</p> <p>Please confirm</p>	Primary and Secondary both MAF with make and model details, should be meet technical and functional specifications.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
62	3	3 to 8	<p>Criteria -</p> <ul style="list-style-type: none"> - HoTo - Network Uptime and Mean-Time to restore (MTTR) - Rollout Commitment - Qualitative network design - Fiberization - Additional Offering <p>Documentary Proof required - Legitimate undertaking as part of revision in the contract for penalty calculation</p>	<p>Legitimate documentary proofs / committal undertakings need to be defined.</p> <p>As per our understanding duly signed Self undertaking on OEM/Bidder's Letter Head should be considered as Legitimate undertaking. Please confirm.</p> <p>We recommend, a standard format against each requirement should be shared by customer as part of RFP.</p>	Pl see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
63	4	4.14(VII)(.c)	<p>Stage-III: Bid qualification stage: The purpose of this stage is to examine available bid capacity related commitments for Gujarat, Fiberization and Network design, better quality components, Contractual commitment towards early HoTo and project rollout for before time delivery of project, Contractual commitment towards increasing high network uptime and better MTTR, additional creativity and offerings without additional charges. It is mandatory for the bidder to provide legitimate documentary proofs / committal undertakings for claiming the score as specified in the technical qualification criteria section. Any higher commitment shall be revised in the SLA and timelines part of the contract unconditionally.</p> <p>It is mandatory to score minimum 60% in each criteria section and overall score of minimum 75% for qualifying into final stage.</p> <p>Any shortfall to the minimum specified score is a good reason to disqualify bidder at this stage.</p>	<p>Legitimate documentary proofs / committal undertakings need to be defined.</p> <p>We recommend, a standard format should be shared by customer as part of RFP</p>	Pl see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
64	4	4.67	SELECTION CRITERIA & ALLOTMENT OF WORK 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	If any Bidder wins in both 2 packages, Bidder should be given choice to opt one. Request to amend the clause accordingly.	Pl see the RFP
65	-	9.19 (38)	Chek List - Scanned copy of signed & stamped Financial Bid as per format for the respective package	On e-tender portal there is option for only submitting /filling the Price Bid/BOQ manually on cpp portal. There is no option to upload additional file in excel or pdf.	Not Applicable. Pl send query carefully to save our time.
66	-	5.1	Not have been blacklisted/debarred/ terminated by Ministry of Communication or GFGNL or debarring order issued by Department of Expenditure (DOE), Ministry of Finance (MOF) covering all central Ministries/ Departments as per provision of OM No.F.1/20/2018-PPD by Department of Expenditure (DoE)/ MoF dated on 2nd Nov 2021/ Central Government / Any State Government / Urban Local Body (ULB) /SmartCity (SPV)/ Supreme Court of India / Any government / PSU in India as on the date of bid submission."	Content of given format "9.7 Format VII(Not Banned/Blacklisted/Debarred)" is different from the given clause at 5.1. Please confirm which is to be considered.	Pl see RFP section:9.7 Format VII(Not Banned/Blacklisted/Debarred)

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
67	-	5.4	Not have their directors and officers convicted of any criminal offence related to their professional conduct or the making of false statements or misrepresentations as to their qualifications to enter into a procurement contract within a period of three years preceding the commencement of the procurement process, or not have been otherwise disqualified.	As the word 'officers' is broadly used it will be difficult for any bidder to give any such declaration for all of its officers. Hence, the word 'Officers' should be deleted from the clause.	It is aligned with central BSNL RFP
68	3	3.1	The Bidder may be a single entity or a group of entities (the "Consortium"), coming together to implement the Project. However, any Bidder applying individually or as a member of a Consortium, as the case may be, for a Package, cannot be member of another Bidder applying for the same Package. The term Bidder used herein and, in this RFP, would apply to both a single entity and a Consortium.	<p>Please confirm whether two companies can participate as a consortium in following format or not -</p> <p>Package A: Company 'X' - Lead Bidder & Company 'Y' - Consortium Partner</p> <p>Package B: Company 'Y' - Lead Bidder & Company 'X' - Consortium Partner</p> <p>If yes, and declared winner in both the packages, will GFGNL award only one package or both the packages to this combination? Please confirm.</p>	Pl see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
69	3	3	<p>The Sole or lead bidder (in case of consortium) or any one consortium member should have demonstrable experience with following:</p> <p>i) For Optical Fibre: a) The Bidder The Sole or lead bidder (in case of consortium) or any one consortium member 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 as per table details mentioned in Appendix # A</p> <p>The EPC OFC Construction project execution shall consist of both Supply and Construction of OFC Network</p>	<p>Does that mean experience of EPC contract is not mandatory and a contractor having experience of only in Laying, Installation, Testing and Commissioning of Optical Fibre Cable (Underground), Duct and accessories as mentioned in Appendix A will be eligible?</p> <p>Please clarify.</p>	Pl go through the RFP.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification						
70	3	3	<p>Minimum requirement: b) For OFC O&M Experience: as per table details mentioned in Appendix # A</p> <p>Documentary Proof For OFC O&M Activities: O&M must be for atleast one (1) year duration. (WO copy/ contract copy) with any of one document as legitimate</p> <table><tr><td>Experience Of OFC - O&M (Km)</td><td>5,000 Km (with maximum two(2) orders in last 10 years) - of OFC O&M or order value Rs. 25 Cr up to max two(2) multiple orders in last 10 years</td><td>8,000 Km (with maximum two(2) orders in last 10 years) - of OFC O&M or order value Rs. 40 Cr up to max two(2) multiple orders in last 10 years</td></tr><tr><td></td><td>5,000 Km or Rs. 25 Cr (with maximum two (2) organizations in last 10 years)</td><td>8,000 Km or Rs. 40 Cr (with maximum two (2) organizations in last 10 years)</td></tr></table> <p>ii) Minimum 80% Payment receipt against the claimed O&M duration.</p>	Experience Of OFC - O&M (Km)	5,000 Km (with maximum two(2) orders in last 10 years) - of OFC O&M or order value Rs. 25 Cr up to max two(2) multiple orders in last 10 years	8,000 Km (with maximum two(2) orders in last 10 years) - of OFC O&M or order value Rs. 40 Cr up to max two(2) multiple orders in last 10 years		5,000 Km or Rs. 25 Cr (with maximum two (2) organizations in last 10 years)	8,000 Km or Rs. 40 Cr (with maximum two (2) organizations in last 10 years)	<p>1) As O&M must be for atleast one (1) year duration, our understanding is as follows - O&M of 1000 Kms of OFC for 3 years shall be considered - O&M of 3000 Kms</p> <p>Please confirm if our understanding is correct.</p> <p>2) As O&M experience of either OFC or Order value of is allowed, does that a bidder having order OFC of value 30 Crore consisting O&M of only 3,000 Kms of OFC will be considered as eligible? Need clarity.</p>	Pl see revision
Experience Of OFC - O&M (Km)	5,000 Km (with maximum two(2) orders in last 10 years) - of OFC O&M or order value Rs. 25 Cr up to max two(2) multiple orders in last 10 years	8,000 Km (with maximum two(2) orders in last 10 years) - of OFC O&M or order value Rs. 40 Cr up to max two(2) multiple orders in last 10 years									
	5,000 Km or Rs. 25 Cr (with maximum two (2) organizations in last 10 years)	8,000 Km or Rs. 40 Cr (with maximum two (2) organizations in last 10 years)									
71	3	Note 6	<p>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.</p>	<p>Need clarity for following combination - Company 'X' and 'Y' as a consortium have experience of execution of a project which is fulfilling the PQ requirement of this tender for participation in both the packages.</p> <p>Now let say these companies participate in both the packages in following combination - Package A: Company 'X' - Lead Bidder & Company 'Y' - Consortium Partner Package B: Company 'Y' - Lead Bidder & Company 'X' - Consortium Partner</p>	Pl go through the RFP.						

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
				In this scenario, will this single certificate (as referred above) will suffice the purpose or not. Please confirm.	
72	3	2	<p>Criteria: Offered product portfolio</p> <p>Evaluation (for each Package): Quality products / components (OFC, Duct, RFMS, Router, UPS, Mini-OLT, UBR, FSO) -Supplied quantities in past 3 years (7 score) A. Top 2 rank B. Top 3 to 5 rank C. For remaining rank....</p> <p>Documentary Proof: Make in India (MII) in supplied quantity criteria will be exempted (Will get full score of 7).</p>	<p>Our understanding is as follows - OEM who claimed to comply Make in India Clause by submitting self undertaking need not to submit detail of any supplied quantity.. And will get fully score of 7.</p> <p>Please confirm if our understanding is correct.</p>	PI see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
73	-	9.16	<p>Format- XVI(INTEGRITY PACT) (To be typed preferably on letterhead of the company)</p> <p>FORMAT OF INTEGRITY PACT (To be submitted on Plain Paper)</p>	<p>We understand that INTEGRITY PACT need to be submitted on plain paper only and not on Company's Letter Head.</p> <p>Pelase confirm.</p>	<p>Pl see the RFP It is clearly mentioned letter head.</p>
74	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&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&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.</p> <p>.....</p>	<p>2% is very less value and even in your RFP you have fixed 6% per year O&M charges. Secondly as these items are supplied by other SIs and OEMs, it will be very difficult for PIA to maintain the same. Rather then it will be better to even include the SITC part of these items.</p> <p>Request GFGNL to include SITC of shelter in bidder's scope.</p> <p>If GFGNL, doesn't agree on this, request GFGNL to increase O&M charges from 2% to 6% of discovered capex cost per annum</p>	<p>It is the practice followed in BharatNet Phase-II as well. It is good for better uptime, co-ordinations and single party responsibility.</p>

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
75	-	-		<p>a) We understand that the procurement of IP/MPLS routers & SFPs at Block/sub block will be part of backhaul / DWDM update RFP requirement. (Reference No. GFGNL/GFG/e-file/263/2023/0122-2). Hence, Bidder will not provide IP/MPLS routers & SFPs at block/sub block level. Please confirm</p> <p>b) We understand that SFPs at GP will be in bidder's scope. Please confirm Please confirm</p>	Pl see revision
76	4	II(4)	<p>"All the equipment shall be under warranty for 3 years and will be extended for next 7 years for the contract duration without any additional cost to tenderer w.e.f. the date of commissioning. 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"</p>	<p>We request you to amend this clause as per below as Block Router is not part of the supply as per published latest corrigendum on 16 Apr 2025</p> <p>"All the equipment shall be under warranty for 3 years and will be extended for next 7 years for the contract duration without any additional cost to tenderer w.e.f. the date of commissioning. 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"</p>	Pl see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
77	4	II(4)	"All the equipment shall be under warranty for 3 years and will be extended for next 7 years for the contract duration without any additional cost to tenderer w.e.f. the date of commissioning. 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"	As per the clause we understand that Date of commissioning will be consider block wise i.e. 90% of GP would be commissioned and same is been visible at State NOC NMS/ eMS Kindly confirm about our understanding OR give clarity.	Pl see revision
78	5	28 Network Design	Category-1: Access Layer (Gram Panchayat to Sub-Block), For Village Connectivity UPS with batteries having 2 Hrs of power backup UPS with batteries having 2 Hrs of power backup with 1KVA full load.	RFP has not provided any technical requirement for the UPS and battery with 2 hours backup at Village location, we understand that bidder can provide UPS as per their design / solution. Kindly confirm or provide specification which bidder has to follow.	Included , Pl see revision
79	5	28 Network Design	Category-1: Access Layer (Gram Panchayat to Sub-Block), For Village Connectivity UPS with batteries having 2 Hrs of power backup UPS with batteries having 2 Hrs of power backup with 1KVA full load.	As per RFP, 2 Hrs of power backup asked on 1KVA full load at Village and as per the requirement, ONT and Network Switch would be connect at Village location so we request you to amend this clause as per below "Online/Offline UPS with SMF batteries having 2 Hrs of power backup with 200W load" Kindly confirm or clarify	Pl see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
80	10	Annexure A:	Annexure A: TECHNICAL SPECIFICATIONS TEC-GR Standards list:	As TEC-GR reference has been given in to RFP at multiple locations, we request GFGNL to provide list of the components for which TSEC is required.	Pl refer RFP
81	3	Note 1(VI)	All the tender items e.g. Routers, OFC, Rack Mounted Splitters, RFMS, UPS and Batteries, and Charging Control Unit should have valid Type Approval Certificate (TAC) from Telecom Engineering Centre (TEC), New Delhi or Technical Specification Evaluation Certificate (TSEC) from Quality Assurance Circle, BSNL, Bengaluru, against the respective technical specifications of this RFP. In case any of the quoted models does not have TAC/ TSEC then it should be applied for TSEC to Quality Assurance Circle, BSNL, Bengaluru or to TEC, New Delhi for the model against the technical specifications, at least one day before the bid submission date. The registration number allotted for the TSEC purpose by Quality Assurance Circle, BSNL, Bengaluru or for TAC purpose by TEC, New Delhi shall be submitted along with the bid. However, only type approved /TSEC approved products as per above specifications shall be accepted which shall have to be obtained	<p>We understand that below list of items require TSEC/TAC TSEC is required for below mentioned items- Routers, OFC, Rack Mounted Splitters, RFMS, GP UPS and Batteries, and Charging Control Unit GP Rack (19U Rack) Block Rack (42U Rack)</p> <p>No TSEC/TAC/QF-103/Form-B is required for following products however the offered product should be TEC-GR Complied - Revenue Village Rack (3U Rack) 8 Port Network Switch (L2 Switch at village) Mini OLT ONT FDMS (Indoor) FDMS (Outdoor) Village UPS with Batteries 16 Port FTB Patch Cord</p> <p>Please confirm.</p>	Refer the RFP with details mentioned of requirement in matrix, Annexure A: TECHNICAL SPECIFICATIONS

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
			before issuing Work Order by the Tenderer before supply		
82	10	Annexure B: TECHNICAL SPECIFICA	1. Minimum Technical specifications for Uninterrupted Power Supply (UPS) System at GP Online for TEC-GR 66160:2024 TEC GR 66160:2019 or latest updates without any Hybrid functionality (Release in June 2024)	TEC-GR Document for TEC-GR 66160:2019 is not available in public domain (https://www.tec.gov.in/standards-specifications) We request you to share TEC-GR 66160:2019	Pl see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
83	10	Annexure B: TECHNICAL SPECIFICA	1. Minimum Technical specifications for Uninterrupted Power Supply (UPS) System at GP Online for TEC GR 66160:2024 TEC GR 66160:2019 or latest updates without any Hybrid functionality (Release in June 2024)	Latest GR available on https://www.tec.gov.in/standards-specifications is TEC-GT 66160:2024 so we request you to amend the same as per below "Minimum Technical specifications for Uninterrupted Power Supply (UPS) System at GP Online for TEC GR 66160:2024 TEC GR 66160:2019 or latest updates without any Hybrid functionality (Release in June 2024)	Already responded in earlier corrigendum
84	10	X. Minimum Technical specifications	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 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.	GFGNL will provide required hardware (Server, storage etc) to host monitoring tool for IP/MPLS routers, mini-OLT, RFMS, UPS at S-NOC? Please confirm	SNOC and associated hardware will be responsibility of GFGNL.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
85	10	X. Minimum Technical specifications	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 CNOCC 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.	We assume that it will directly monitored from GFGNL NMS (Network Management System) and bidder is not expected to provide UPS EMS. Kindly confirm	Pl see preceding response
86	10	Rack at Block/ Shelter locations for Phase 1 & 2 both	Rack at Block/ Shelter locations for Phase 1 & 2 both Dimension: 2100 mm (H) X 750 mm (W) X 1050 mm (D)	We request you to allow IT Rack (Active equipment) should be with front and rear door accessible as per the dimension mentioned in the tender. The dimensions of rack as mentioned in the current RFP has 1050mm depth. If only front door is asked then it is very difficult for day to day operations. We request you to allow front, rear & side openable racks.	Pl go through the RFP.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
87	10	Rack at Block/ Shelter locations for Phase 1 & 2 both	Rack at Block/ Shelter locations for Phase 1 & 2 both Dimension: PDU: Should have min two nos. 32 Amp PDU(16Amp(6) , 32 Amp(2), 6 Amp (2)), each having min six nos. C13 sockets and six nos. 3-pin round socket	As per the RFP, DC Power will be available at Block/ Sub Block location. Rack specifications asks the bidder to provide AC PDU. Please review and update accordingly.	That is for air-conditioner
88	10	Rack at Block/ Shelter locations for Phase 1 & 2 both	Rack at Block/ Shelter locations for Phase 1 & 2 both Quantity 2 nos = 1 for Equipment's & 1 for FDMS (Depending on site requirement) Dimension: 2100 mm (H) X 750 mm (W) X 1050 mm (D)	Indoor FDMS TEC-GR Rack would be 42U (2200mm), Width = 900 mm \pm 5% with side duct 2 (one on either side of the rack - Width of side ducts : 150 mm each + 5%) Depth = 300 mm \pm 5% We request you to allow bidder to use the same for FDMS (NON-IT) components. Kindly confirm	Question is not clear
89	10	Rack at Block/ Shelter locations for Phase 1 & 2 both	Rack at Block/ Shelter locations for Phase 1 & 2 both Quantity 2 nos = 1 for Equipment's & 1 for FDMS (Depending on site requirement) Dimension: 2100 mm (H) X 750 mm (W) X 1050 mm (D)	For FDMS rack, power connectivity shall not be required. Please allow the bidder to provide FDMS racks without PDU.	Pl see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
90	5	5.3 FIBERIZATION AND DESIGN PRINCIPLES	<p>14. Folded Path (IN-OUT on same path) for last mile of GP, TC and DC should be allowed as per following.</p> <p>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.</p>	We understand that folded path means IN-OUT on the same OFC i.e., linear connectivity. Please confirm	It is the standard terminology in parlance of telecom sector

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
91	5	28. Network Design:	<p>Category-2: Aggregation Layer (Sub-Block to Master-Block),</p> <ul style="list-style-type: none"> • Aggregation layer connectivity is between Sub-Block to Master-Block (DWDM node). • Each block requires at least three OFC path (2CNO) to protect block router's traffic. • The Routers and RFMS at Sub-block along with configuration, cards and SFPs shall be made over by the PIA. • Transmission Racks wherever applicable. <p>Note: 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 fulfil 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>Category-3: Express/Core Layer (Master-block to State Data Center),</p> <ul style="list-style-type: none"> • Express/Core Layer connectivity is between Master-Block to State Data Center. • Backhaul Transport network from each district to State Data centre is for Intranet traffic only and requires at least three OFC 	<p>We understand that DWDM and IP/MPLS routers at block/sub block is a part of backhaul upgrade tender (Reference No: GFGNL/GFG/e-file/263/2023/0122-2).</p> <p>Request to remove the clauses wherever backhaul / DWDM / IP/MPLS router at block/sub block router from entire RFP to avoid confusion at later stage</p>	Pl see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
			path (2CNO) to protect parenting block router's traffic.		

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
92	5	28. Network Design:	Note: 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 fulfil 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)	We understand one ETSI standard transmission rack will not be required as block router at block / sub block is a part of Backhaul upgrade RFP. Bidder is not expected to provide IP/MPLS router. Hence, bidder is expected to provide only one FDMS rack wherever new OFC will terminate. Please confirm	Pl see RFP. Equipment ETSI rack should also be provided by PIA
93	5	5.3 FIBERIZATION AND DESIGN PRINCIPLES	16. For Kutch region: The Kutch region of Gujarat is vast geography with low density of population. Further, the most of the area is long distances desert, coastal and border area. In the larger interest of cost optimization without diluting the services to the citizens, the following special provisions in the design are allowed: i) Permissible limit for single UG path without expenses on redundant path without diluting link capacity and SLA performance parameters = Up to 10% of GPs scope of Kutch region. The single path GP shall be paid on 50% basis.	We understand that bidder can connect 6/7 GPs in linear topology. Please confirm If yes, the GP will only single path shall be paid on 50% basis. Please confirm	Pl go through the RFP and understand the requirement.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
94	5	5.2 672 DETAILED SCOPE OF WORK	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.	Please share bidder's scope of work for the strategic locations. Request you to share additional location details.	Refer the details shared under NDA Signoff.
95	7	SLA & Penalty	Entire SLAs	We understand that DWDM and IP/MPLS routers at block/sub block is a part of backhaul upgrade tender (Reference No: GFGNL/GFG/e-file/263/2023/0122-2). SITC will be done by another SI. PIA will provide L1 support for this equipment. Hence, we requests GFGNL to remove SLAs pertaining to IP/MPLS router / DWDM node from bidders scope.	PI see RFP as O&M is under the scope of selected PIA under this bid. However, GFGNL will provide AMC/Warranty.
96	5	5.13.4	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	We understand DWDM and IP/MPLS routers at block/sub block is a part of backhaul upgrade tender (Reference No: GFGNL/GFG/e-file/263/2023/0122-2) and spares pertaining to this shall be provided by other SI. Request GFGNL to remove the spare requirement of transport / backhaul and IP/MPLS router from bidder's scope.	PI see preceding response
97	Appendix # A	#Table-01 For Sole Bidder & #Table-02 For Lead Bidder and	Experience Of OFC Project (Km) & Experience Of OFC- O&M (Km) & For Active Equipment's Experience (Numbers)	We understand that all the technical experience requirements listed in the table can be fulfilled either by the Consortium Partner or the Lead Bidder to qualify for participation in the bid. Kindly confirm.	Clause is already explanatory, PI see revision on criteria

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
		Consortium			
98	3.1	PRE-QUALIFICATION CRITERIA	<p>Note 1: The Sole bidder or consortium members (in case of 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. 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 as on date of submission of bid. It is also clarified that the work experience issued by TSPs to the executing agencies for the DIGITAL BHARAT NIDHI(DBN)/DOT awarded projects shall also be accepted.</p>	We request you to allow works done for PSU for Bharatnet (direct order from PSU) to be considered for qualification.	Clause is already updated,PI refer the latest corrigendum

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
99			MTCTE, NCCS	The mandatory certificates as per the telecom regulations within India are to be provided whichever are applicable on the date of issue of RFP. However, if any OEM has problem in providing the reference certificates as per ask of the RFP, then kindly allow OEM to submit letter of undertaking along with evidence of application to designated institution for wider participation.	Pl see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
100			<p>For Switching capacity ≥ 40Gbps</p> <ul style="list-style-type: none"> • 3 ports of 10G (Pluggable will be in scope of bidder as per solution design), • 3 ports of 1G/10G Pluggable will be in scope of bidder as per solution design • 4 Port of Electrical GE(RJ45 without SFP) • The modular chassis or fixed integrated chassis, both are allowed for wider competition subjected to control plane and data plane redundancy without compromising ask of the RFP. <p>For Switching capacity ≥ 80Gbps</p> <ul style="list-style-type: none"> • 4 port of 10G(Pluggable will be in scope of bidder as per solution design), • 4 port of 1G/10G (Pluggable will be in scope of bidder as per solution design)and • 4 Port of Electrical GE, <p>The modular chassis or fixed integrated chassis, both are allowed for wider competition subjected to control plane and data plane redundancy without compromising ask of the RFP.</p> <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>	Kindly confirm the minimum no. of required SFP type and count at GP Router.	Pluggable will be in scope of bidder as per solution design

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
			2) The Router should support 10G with 10km,40km,80km pluggable and 1GE optical port for 100m, 10km pluggable support.		

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
101			<p>For Switching capacity $\geq 40\text{Gbps}$</p> <ul style="list-style-type: none"> • 3 ports of 10G (Pluggable will be in scope of bidder as per solution design), • 3 ports of 1G/10G Pluggable will be in scope of bidder as per solution design • 4 Port of Electrical GE(RJ45 without SFP) • The modular chassis or fixed integrated chassis, both are allowed for wider competition subjected to control plane and data plane redundancy without compromising ask of the RFP. <p>For Switching capacity $\geq 80\text{Gbps}$</p> <ul style="list-style-type: none"> • 4 port of 10G(Pluggable will be in scope of bidder as per solution design), • 4 port of 1G/10G (Pluggable will be in scope of bidder as per solution design)and • 4 Port of Electrical GE, <p>The modular chassis or fixed integrated chassis, both are allowed for wider competition subjected to control plane and data plane redundancy without compromising ask of the RFP.</p> <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>	Kindly remove the control plane redundancy from GP Router.	Pls see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
			2) The Router should support 10G with 10km,40km,80km pluggable and 1GE optical port for 100m, 10km pluggable support.		

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
102			DC (-40 V to -72 V), Surge protection of 2KVA	Pls consider as "DC(-42 VDC to -60 VDC),Surge protection of 2KVA	Block router inclusion in this tender stands deleted as part of de-duplication and merging two devices for the common purpose for reducing traffic handover, cost optimization in the interest of public money.
103			Type C GP Router-80Gbps & Type D GP Router-40Gbps	In RFP, it is ambiguity for every one to decide type of GP router to place at each GP Location. Kindly share some design criteria or count for both the Type of GP Router.	40Gbps at GP location and 80Gbps at GP location where Child ring parented or GP-GP ring is inter connected
104			No Technical specification shared for GPON EMS	Assume specification for Router EMS will be applicable for GPON EMS also please confirm	Standard licensed EMS/software for the supplied products will be in the scope of PIA as part of EPC
105			# Socio-Economic Empowerment: Facilitate digital empowerment by enabling access to education, healthcare, e-governance, and economic opportunities in rural areas. Deployment of mini-OLT at each GP with target of approx. 9 lakhs customer over BharatNetnetwork	1) GFGNL envisage to have 9 lakh subscribers with the network under this tender. Also IT Infra/and Compute will be provided by GFGNL For FTTx GPON EMS dimensioned considering no. OLT's and no of ONT's/Subscribers so requesting GFGNL for no. of subscriber/No of	Pl see preceding response

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
106			<p># Cross-platform support for Linux and or and Windows or Unix, compatible with virtualized and cloud-based environments.</p> <p>The IT and Non IT infrastructure for hosting EMS is the responsibility of GFGNL.</p> <p>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>	<p>ONT's to be consider for dimensioning EMS for GPON</p> <p>2) Also understanding is when GFGNL providing compute , GFGNL will provide it till VM including hypervisor as per bidders recommendation and bidder to install its own EMS application over provided VM please clarify</p>	Pl see preceding response
107			<p>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</p>	<p>Our understanding is GFGNL wants Mini-OLT fully loaded with all 4 PON ports and on uplink 2*1G uplink (going with existing requirement it will be *10/100/1000M and 1*10G just for 2 PON PON port which is over kill and less scope for end subscriber connectivity) suggesting to have OLT with 2*1G uplink and 4 C+ PON SFP's for additionally uplink SFP , price is already mentioned in the tender.</p>	<p>As per the RFP, pl see clause "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"</p>

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
108			Operating temperature -0 to 50 °C	ONT is CPE and with operating temperature keeping at 50 °C only industrial CPE will be qualify (with this only few OEM will be able to qulify), Also to highlight : few OEM referrers Ambient temp.and operating temperature so understanding with this clause is ONT needs to be keep operated where ONT to keep operating till functioning ONT temperature reaches 50 °C with full load for given interface and functionality configuration. Requesting confirmation. or suggesting to make operating temperature range till 45 °C where most of the OEM will be able to qulify.	It is for the rural and as per the Indian climatic conditions.
109			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	SNMP is not applicable for ONT as ONT getting managed via OMCI with OLT and TR069 Also as per TEC guidelines need to have protected mechanism and hence ONT is supported TR069, TR369 via MQTT, web Gui via HTTPs. And hence SNMP is not applicable for ONT for remote management. requesting you to remove SNMP management for ONT.	PI see the clause, "Various management modes such as CLI, SNMP and TELNET, Conducting software upgrade through TFTP Debug output, NETCONF/YANG, REST API or equivalence "

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
110			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	SNMP is not applicable for ONT as ONT getting managed via OMCI with OLT and TR069 Also as per TEC guidelines need to have protected mechanism and hence ONT is supported TR069, TR369 via MQTT, web Gui via HTTPs. And hence SNMP is not applicable for ONT for remote management. requesting you to remove SNMP management for ONT.	Pl see preceding response
111			Backplane Bandwidth (Gbps) 40 Gbps	Backplane Bandwidth do not gurantee full non-Blocking switching capacity for the OLT to have assured throughput on all PON ports like 4 ports * 2.488 Download= 9.95+ 9.95 at uplink= 20Gbps Switching capacity (Non Blocking throughput)is required to have OLT in complete non-blocking throughput. So requesting to add OLT to have full non blocking throughput to support all 4 PON ports.	We have specified functional and technical requirements, pl abide with it.
112			Attributes of the PON Interface=Class B+ and Class C+ GPON module	B+ PON SFP gives optical budget of 28dB and C+ giving 32 dB, Recommending to have C+ for all 4 PON ports to have better reach of ONT's	The bidder may offer higher specification

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
113			Method of Selection (Define) L1 Based selection	<p>Now since method of selection change from QCBS to L1 to have apple to apple comparison between submitted quotes by bidders requesting following information for Active products which will be applicable to all bidders:</p> <p>1) No. of OLT's and ONT's to be consider per package under this tender</p> <p>2) No. of Subscribers and OLT's to be consider for GPON EMS dimensioning (for H/W and S/W dimensioning both)</p> <p>3) OLT BoQ i.e.</p> <p>a) No. of uplink SFP (1G and 10G both)</p> <p>b) Type of uplink SFP (short range , long range 10K.m, Extra long range 40 K.m)</p> <p>c) No of PON SFP</p> <p>d) Type of Pon SFP (i.e. B+ or C+)</p> <p>4) Type of wifi6 ONT (AX1800 or AX3000)</p>	Details are already incorporated into the RFP and with NDA signoff.
114			All the software's used by the active network elements has to be validated by a software integrity check program and the ability of the active network elements to do the same has to be demonstrated by the bidder and his OEM	Our understanding is requirement here is Product must be applied for ITSAR (Indian Telecommunication Security Assurance Requirements) at time of bidding and before supply Product to be qualified with ITSAR as per applicability of deployment timeline set by DoT (NCCS) Please confirm	Applied is also allowed for wider participations. However, necessary certificates / compliances are to be ensured before deployment in the network. Any failure to that will not be consider for payments.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
115			Format-XXIV: for essential information for applying to NSCS	As per our understating product needs to be available on Trusted portal of DoT at time of supply and during the bid as given in form 9.25 product details to be provided by bidder. Please confirm understanding.	Pl see preceding response
116			Certification MTCTE, NCCS	Our Understanding is at time of supply product must be with valued MTCT certification and with ITSAR (Indian Telecommunication Security Assurance Requirements) certification as per applicability for the product by DoT. Please clarify	Pl see preceding response
117			Safety Standards UL/IEC/ MTCTE and NSDTS certified	Our understating with this requirement is offered ONT At time of supply must be having MTCTE certification and to be available in Trusted product portal of DoT (for the same details of Product to be provided inline with clause 9.25 Format-XXIV: for essential information for applying to NSCS please confirm	Pl see preceding response

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
118			Dual band Wi-Fi 6 supports ONT, Type 1. Home-ONT (H-ONT) for FTTH applications. 64 MAC addresses, 16 VLAN	General wifi6 ONT's available in two configuration AX1800 and AX3000 based on their Wi-Fi performance (AX1800 supports Channel Bandwidth up to 80 MHz where as AX3000 supports Channel B Bandwidth up to 160 MHz) So where AX1800 supported devices only give marginal advantage over Wi-Fi devices (for throughput over Wi-Fi) AX3000 devices are giving more speed and stable connection) Considering GFGNL's vision with technology, services with reliability and also giving comparable spec to all Bidders requesting to add wifi6 ONT to support AX3000	It is restrictive. Additional feature will be added advantage in scoring.
119			For Active Equipment's Experience (Numbers) is for Single Package = 1000 & Bid for two Packages = 1800	our understand this of installation, commissioning with AMC /warranty or O&M is for Bidder. To understand bidders capability for given project. This is not for Supply of Active equipment's like OLT and Routers etc.	Please refer the pre-qualification criteria clause, also refer PI see revision
120			Offered product portfolio : Quality products / components (OFC, Duct, RFMS, Router, UPS, Mini-OLT) — Supplied quantities in past 3 years	our understanding is for Active components only Supply experience certificate from operative/PO copy (with blackout on price) for OLT (above 16 ports) to India operator is the requirement. For ONT there is no such requirement please clarify.	PI go through the RFP.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
121			Offered product portfolio : Quality products / components (OFC, Duct, RFMS, Router, UPS, Mini-OLT) — Additional quality certification issued by any Govt./ National associations (4 score)	for Active products Under this RFP MTCTE, NSCS (NSDTS/Trusted portal),NCSS (ITSAR) already mandated which additional govt. certificate GFGNL is seeking here. Requesting to remove this requirement as all Govt./DoT required certificates already mandated.	the purpose is for comparative assessments
122			Clause 23. Copies of valid TSEC/ TAC or proof of having applied for TSEC/ TAC (BSNL registered QF-103 or TEC Form-B) for active & Passive components& & Clause 30 :In case of imported products, certificate from OEM that it has a registered office and Service Support Centre in India to provide after sales service support in India	As per our understanding in this tender (i)Foreign OEMs are allowed to participate in the Tender. Kindly note that , overseas companies cannot apply for TSEC to meet the requirement of TSEC. Our understanding is, local subsidiary of such foreign OEMs with registered office in India can apply can apply for TSEC as Trader. Request confirmation. (ii)TSEC is required for all active and passive components including GPON equipment. We understand, the TSEC requirement is only for OLT and not ONT. Request clarification.	We are not restricting any OEM who is covered within the rules and regulations of DoT/ DBN/DPIP/ BSNL central RFP.The default applicability is DoT/BSNL central RFP provisions for wider participations.It is the PIA responsibility, to do due diligences related to product level technical/functional/ regulatory compliances on serious note and also to ensure that this default provisions should not be misused by any of the OEM.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
123	XI. Unlicensed Band Radio (UBR)	371	Operating temperature: -10°C to +60 55 °C, above IP65 rated, wind survivability up to 150 km/h	<p>As FSO/Li-Fi and UBR are part of Alternate Technologies & operating temperature requirement for FSO/Li-Fi is -20°C to +60°C (in installed condition). Both equipment will be installed in the Kutch region, which experiences an arid climate with summer temperatures rising up to 49°C. Considering the effect of direct sunlight, the ambient temperature around the device can increase by an additional 10–15°C, pushing the actual operating conditions close to 60°C or even higher.</p> <p>In light of the above, we kindly request that the operational temperature requirement for FSO and UBR equipment be explicitly stated as -20°C to +60°C (in installed condition) to ensure reliable operation</p>	Pl see revision
124	XI. Unlicensed Band Radio (UBR)	371	Operating temperature: -10°C to +60 55 °C, above IP65 rated, wind survivability up to 150 km/h	<p>Cyclone Tauktae (2021) recorded wind speeds of up to 185–205 km/h in coastal districts like Amreli, Bhavnagar, and Gir Somnath. More recently, Cyclone Biparjoy (2023) made landfall in the Kutch region with gusts up to 150+ km/h. Therefore we request that equipment Wind survivability for minimum 200 Kmph & Wind Resistance operational 180Kmph.</p>	Pl see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
125	5.3 FIBERIZATION AND DESIGN PRINCIPLES	24. PIA shall follow the fiberization Principles for Phase-I network as stated below. Page 149 of 510	<p>Sr no. 4) Access corridor (Sub-block to GP) Network topology for access ring of Phase I</p> <p>8F cores to be terminated in FDMS at GP in each path. 16F to be remain spare end to end after utilizing in network topology</p> <p>Network topology for access ring of Phase II 12F cores to be terminated in FDMS at GP in each path Rest of available fiber (min 24F or above) to be remain spare end to end after utilizing in network topology</p>	We would like to bring to your kind attention that each physical path may have logically 2 - 3 Rings connecting various GPs. In that case, the spare availability of fibres shall be checked for each physical path (Not at each Ring). Please confirm if our understanding is correct.	pl see revision
126	5.3 FIBERIZATION AND DESIGN PRINCIPLES	24. PIA shall follow the fiberization Principles for Phase-I network as stated below. Page 149 of 510	<p>Sr no. 4) Access corridor (Sub-block to GP) Network topology for access ring of Phase I</p> <p>8F cores to be terminated in FDMS at GP in each path. 16F to be remain spare end to end after utilizing in network topology</p> <p>Network topology for access ring of Phase II 12F cores to be terminated in FDMS at GP in each path Rest of available fiber (min 24F or above) to be remain spare end to end after utilizing in network topology</p>	<p>If the spare availability is required to be maintained at Ring level, we request you to amend the clause as below for clarification purpose: "Sr no. 4) Access corridor (Sub-block to GP) Network topology for access ring of Phase I</p> <p>8F cores to be terminated in FDMS at GP in each path ring. 16F to be remain spare end to end after utilizing in network topology</p> <p>Network topology for access ring of Phase II 12F cores to be terminated in FDMS at GP in each path ring</p>	Pl see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
				Rest of available fiber (min 24F or above) to be remain spare end to end after utilizing in network topology"	
127	5.3 FIBERIZATION AND DESIGN PRINCIPLES	"Repair-Reconstruct-Rectify-Replace Page 145 of 510	a) For rectification or replacement of the % work scope is expected as below, For Phase-I, In between of 20% to 25% of existing network, For Phase-II, In between of 5 % to 10% of existing network . (For Phase-I, In between of 20% to 25% of existing network shall be paid by the GFGNL.At the same time, beyond opted limit in between 20% to 25%, 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	We understand that Prices for rectification or replacement till the defined limit (<i>i.e. 25% of existing network for Ph I, 10% of existing network for Ph II</i>) shall not to be included by the bidder in the bid price and shall be paid by GFGNL over and above the quoted bid value. If the "rectification or replacement" work required is beyond the defined limit as per RFP, same need to be included in the bid prices. Please confirm.	We have balance the risk of government as well as private sector/s. Hence, PI go through the RFP.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
			between 5% to 10%, the PIA have to do that replacement without cost to GFGNL.)		

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
128	5.3 FIBERIZATION AND DESIGN PRINCIPLES	"Repair-Reconstruct-Rectify-Replace Page 148 of 510	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>1. We would also like to bring to your kind attention that the rates mentioned in the Annexure-F are almost 10 years old (based on Phase-I Bharatnet award of contract) and are not feasible for the activities mentioned. Hence we request you to kindly increase the same by factoring the CPI inflation (between award of Phase -I and current due date) and provide the revised rates at par with current market rates.</p> <p>2. Alternatively, we suggest to add separate line items in the Price schedule to discover Unit Rates for "Repair-Reconstruct- Rectify-Replace" activities as follows.</p> <p>a) Repair and rectification of Underground OFC inclusive of Trenching ducting, Backfilling, Blowing and Testing of OFC</p> <p>b) Repair and rectification of Aerial OFC on existing poles along with Hardware, fittings and accessories and Testing of OFC</p> <p>c) Supply, Installation including civil works of 6 Mtr Precast RCC Poles for aerial cable installation</p>	As per RFP.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
129	3.2 Revised TECHNICAL QUALIFICATION CRITERIA	1. Bid capacity Page 74 of 510	Financial Capacity of SI: Committed financial resources for Gujarat for managing cashflow A- Above Rs. 200 Cr B- Rs. 150 to 200 Cr C- Rs. 100 to 150 Cr Committed financial resources = Total funds available – Total funds required for in hand projects	1. As you would appreciate that funds availability is a volatile parameter and keeps changing based on inflow from multiple projects and outflow to vendors. Hence we understand that " <i>Committed financial resources</i> " should be calculated as applicable on the Month of bid submission and same need to be submitted for qualification. Please confirm if our understanding is correct.	Pl see revision
130	4.73 Additional clauses/notes/clarification and modification:	Page 135 of 510	Bidder has to open separate escrow account for Gujarat ABP Project only and shall maintain minimum consistent balance as per declaration for BID capacity for committed cashflow. Payment made by GFGNL may be part of this account.	2. We understand that certificate issued from Company CA or Bank shall be required to be submitted against this clause for Financial Capacity of PIA. Please confirm.	Pl see preceding response
131	4.73 Additional clauses/notes/clarification and modification:	Page 135 of 510	Bidder has to open separate escrow account for Gujarat ABP Project only and shall maintain minimum consistent balance as per declaration for BID capacity for committed cashflow. Payment made by GFGNL may be part of this account.	1. We would like to highlight here that PIA is already providing a PBG as per RFP requirement towards performance security and hence the ask of maintaining minimum consistent balance of INR 100 to 200 Crores over and above this PBG is not required and unduly block the fund leading to liquidity and fund flow issues. We request you to kindly remove this ask. 2. Alternatively, we suggest bidder can provide additional PBG of 5% valid for the implementation period of 36 months, OR, provide undertaking that funds generated	Pl see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
				from this Project would be utilised for this Project only.	
132	3.2 Revised TECHNICAL QUALIFICATION CRITERIA	2 Offered product portfolio Page 73 of 502	Quality products / components (OFC, Duct, RFMS, Router, UPS, Mini-OLT) — Supplied quantities in past 3 years (7 score) A. Top 2 rank B. Top 3 to 5 rank C. For remaining rank	We understand that Supplied quantity over PAN India projects shall be taken for consideration here, (Not only supplied in Gujarat). Please confirm.	Clause is self explanatory refer the formula mentioned in the clause.
133	3.1 PRE-QUALIFICATION CRITERIA	Appendix # A #Table-01 For Sole Bidder #Table-02 For Lead Bidder and Consortium Page 63 of 502	Appendix # A 8,000 Km or Rs. 500 Cr (with maximum two (2) organizations each for lead and consortium in last 10 years) Min. 5000 Km experience for consortium partner	We understand that for qualification in case of consortium bidding, overall 8,000 Kms experience is cumulatively required from all consortium members together out of which Consortium partner must meet 5000 Kms OFC experience. Please clarify.	Pl see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
134	3.1 PRE-QUALIFICATION CRITERIA	Appendix # A #Table-01 For Sole Bidder #Table-02 For Lead Bidder and Consortium Page 63 of 502	Appendix # A For Active Equipment's Experience (Numbers) Consortium Partner and/or Lead Bidder - 1,000 Numbers Min. 600 Numbers experience for consortium partner	We would request you to remove the Active Equipment's Experience criteria for Consortium partner in case Lead bidder is able to meet the complete requirement of 1,000 Nos on its own. Hence, we request you to amend the clause as: "For Active Equipment's Experience (Numbers) Consortium Partner and/or Lead Bidder - 1,000 Numbers Min. 600 Numbers experience for consortium partner <u>(Not required if Lead bidder can meet the overall requirement of 1000 Nos on its own)</u> "	Pl see revision
135	5.2672 DETAILED SCOPE OF WORK	Page 138 of 510	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 connectivity for Revenue Villages to be quoted by bidder is for all the Revenue villages as per RFP scope on Lumpsum basis (Not Unit Rate for one Revenue Village) and order placed on PIA shall be for Total Revenue villages applicable for respective package. Please confirm. The Unit Rates is to be derived by dividing the total quoted price against this items by no's of revenue villages for the package irrespective of the technology used to connect the revenue village.	Pl see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
136	5.3 FIBERIZATION AND DESIGN PRINCIPLES	24. PIA shall follow the fiberization Principles for Phase-I network as stated below. Page 146 of 487	<p>Sr no. 4) Access corridor (Sub-block to GP) Network topology for access ring of Phase I</p> <p>8F cores to be terminated in FDMS at GP in each path. 16F to be remain spare end to end after utilizing in network topology</p>	<p>We would like to bring to your kind attention that if we design 3 rings in a single physical path then we are left with only 2 no. of spare cores. From the view point of O&M, more spare cores are required. Thus we request you to amend the clause as below:</p> <p><i>"Sr no. 4) Access corridor (Sub-block to GP) Network topology for access ring of Phase I 16F cores to be terminated in FDMS at GP in each path. 8F to be remain spare end to end after utilizing in network topology"</i></p>	Pl see revision
137	4. Network - MPLS VPN	IV. Technical Specifications for Routers Page 348 of 510	Block router inclusion in this tender stand deleted as part of de-duplication and merging two devices for the common purpose for reducing traffic handover, cost optimization in the interest of public money.	<p>Block router should be included in the scope of the PIA for the reason as mentioned below:</p> <p>1. Dependency on the different MSI shall lead to various operational challenges like</p> <ul style="list-style-type: none"> - Delay in testing and handing over the link post completion of fiber work - Could lead to delayed payment of the PIA due to the non availability of the hardware - Post installation during the O&M period, if there is a problem in the link, there shall be no ownership and rectification of the network shall be delayed. <p>2. Integration between the Block</p>	<p>It is the GFGNL's responsibility to ensure and provide DWDM, and Shelter on time . Any delay in this account will not be attributable to PIA for penalty purpose. This clarity is given in the RFP.</p> <p>Furhter, to de-risk PIA on delay of payments on account of GFGNL fault then suitable exclusion in non-fulfilment of milestone apportion to delay at the end of GFGNL may be considered in the larger interest of the de-risking the PIA.</p>

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
				router EMS and GP Router EMS will be under whose scope? PIA or MSI who has supplied the Block router.	
138	6.2 PAYMENT SCHEDULE OF PROJECT	Page 231 of 510	6.2 PAYMENT SCHEDULE OF PROJECT — Discovery - GP Equipment (Router, UPS, Mini-OLT), “SubBlock end RFMS, Router” and/or "Equipment for Last mile connectivity of Revenue village” visibility on NMS using Lease line or backhaul transport network at Sub-blocks.	Complete Payment milestone are dependent on the Block Router Availability and functionality. Since the Block Router supply is not in the scope of PIA, and incase the other package Bidder delays commissioning of Block Router, the completion of milestone 2,3 and 4 linked to payment to PIA shall be affected and hence GFGNL to release 100% payment to PIA in such cases without linking to completion of milestones. Also request GFGNL to recommend recourse for claiming payment against milestone 2 (GP Equipment visibility on NMS), Milestone 3 (sub-block ring closure) and milestone 4 (GP ring closure) in case of delay in	PI see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
				SITC of Block router by other package bidder (DWDM back haul))	

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
139	5.2672 DETAILED SCOPE OF WORK	Page 143 of 510	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 Rs. 30,000 /- shall be paid by GFGNL to PIA to meet expenses upon intimation and approval.	<p>1. We would like to highlight here that the charges mentioned here for shifting are very low. As PIA is not aware currently where the new location would be and exact quantum of the work, we would suggest that the clause to be modified as below:</p> <p><i>"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 Rs. 30,000 80,000/- shall be paid by GFGNL to PIA to meet expenses upon intimation and approval."</i></p> <p>2. We would also like to highlight here that on RFP Page 196, same clause is replicated but with different One time charges (Maximum up to Rs. 15,000 /- per location, Rs. 400 per mtr for additional UG fiber work) which is leading to confusion. We request you to kindly clarify and amend the same.</p>	Firstly, GFGNL will provide the infrastructure on time. Even upon some delay at GFGNL end , we have balance the risk of government as well as private sector/s by having some payment provisions to meet the expenses.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
140	SECTION -8 FINANCIAL BID	Page 275 of 510	<p>This also include the activities of O&M for the new as well as existing shelter (after upgradation) and all it's inventories, for which a separate tender is in progress from tenderer, will be in the scope of selected PIA of this tender. Further, for shelter O&M 2% of discovered capex charges will be paid as O&M charges to the selected PIA for entire contract duration. GFGNL will support with sufficient AMC/warranty cover for coming 5 years</p>	<p>1. We understand that the O&M charges mentioned (2% of discovered capex charges) shall be paid on quarterly basis (i.e. 2% per quarter). Please confirm.</p> <p>2. We understand that these O&M charges mentioned (2% of discovered capex charges) shall be over and above the quoted bid prices. Please confirm.</p> <p>3. We understand in such case the broad responsibility between the current Package Bidder (PIA) and other Bidder providing Shelter shall be as follows.</p> <p><u>Responsibility of current Package Bidder (Bharatnet Phase III)</u></p> <p>1) Front line maintenance</p> <p>2) Routine and preventive maintenance based on OEM instructions</p> <p>3) on site replacement support (spares to be provided by OEM)</p> <p><u>Responsibility of Other Bidder (providing Shelters)</u></p> <p>1) Providing OEM's Warranty / AMC till end of contract of 1o years</p> <p>2) Providing spares towards repair and replacement of faulty parts within the SLA</p> <p>3) Warranty of spare parts</p> <p>4) 24x7 Remote assistance support</p> <p>5) OEM's L3 support</p> <p>6) Battery replacement for UPS/SMPS etc.</p>	Pl see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
141	4.53 QUANTUM OF LD	4.53 QUANTUM OF LD Page 111 of 510	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.	LD is normally applied on the prices excluding GST. Request you to kindly remove the GST component from the LD calculation.	This is standard practice.
142	SECTION -2 INTRODUCTION	2.1.1.1 METHODOLOGY OF EXECUTING BHARATNET PHASE I PROJECT Page 27 of 510	To Summarize, 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 Bharatnet 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. As well as laying of incremental OFC (48 Core) for Phase-I blocks interconnectivity to	The existing data details provided after NDA signing doesn't include Route details of Leased Line network. This is an essential information which is required for the bidders to complete the design activities. Request you to please share the details of leased fiber connectivity implemented in Phase-1, where PIA shall lay additional OFC for connecting the network in ring architecture.	Details already shared to NDA signed agencies.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
			reach up to State Data Center for backhaul connectivity.		
143	Section 5.13.1.2	5.13.1.2 INFRASTRUCTURE HANDOVER TAKEOVER Page 193 of 510	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.	As the bidder is required to take over the existing network from Phase 1 and Phase 2 from the previous PIA, there will be dependencies from existing PIA of Phase 1 and Phase 2. Therefore, we request a SLA Holidays for a period of 6-months starting from the date of complete takeover.	Pl see revision
144	Section 5.13.1.2	5.13.1.2 INFRASTRUCTURE HANDOVER TAKEOVER Page 193 of 510	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.	We would request you to provide the existing SLA for Phase 1 and Phase 2 network in order to do the replacement/upgradation planning accordingly.	Currently GFGNL is maintaining the average SLA above 95% for Phase-II. The BSNL is maintaining the average SLA above 80% for 60% of the GP covered in Phase-I .The remaining 40% of the GP in Phase-I are above 55%.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
145	28.Network Design	Category 2: Page 154 of 510	Aggregation Layer (Sub-Block to Master-Block) The Routers and RFMS at Sub-block along with configuration, cards and SFPs shall be made over by the PIA.	This clause should be deleted as you have removed the sub block routers from the scope.	PI see the revision
146	28.Network Design	Category 3: Page 154 of 510	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.	This clause should be deleted as you have removed the core routers from the scope.	PI see revision
147	c) Service Performance Monitoring (Qualitative Service Visibility) :	Page 160 of 510	XI. The proposed solution should be able to perform Predictive Analytics for Better Network Planning	Please provide the details scope of Predict analytics.	The GFGNL will provide the necessary tool , where in the responsibility of PIA has to operate and run professionally.
148	d) Service Audit and Security compliance:	D, 7 Page 160 of 510	d) Service Audit and Security compliance: 7 PIA should match the industry standard and government specific security compliances for all type of services to be provisioned in deployed network and should support all the service audit requirements	No data security appliances are being supplied under the scope of this work. We understand that we need to manage the security policies from the existing installed devices and there is no need to provide new complete security solution for the same. Please confirm.	The GFGNL will provide the necessary tool , where in the responsibility of PIA has to operate and run professionally and also to adhere the security compliances related to his portion and scope.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
149	d) Service Audit and Security compliance:	D, 8 Page 160 of 510	Authentication of all the active devices in the network should be managed by a central authenticator, it should support role-based access, authentication, authorization and accountability capabilities.	No device for authentication solutions is being supplied under the scope of this work. We understand that we need to manage the Authentication policies from the existing installed devices and there is no need to provide new solution for the same. Please confirm.	Pl see preceding response
150	5.3 FIBERIZATION AND DESIGN PRINCIPLES	13 NOC security Page 161 of 510	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. 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.	No device for NOC Security is being supplied under the scope of this work. We understand that this scope shall be handled by MSI of NOC or GFGNL. Please confirm.	Yes.Pl see revision
151	v) FACT SHEET	v) FACT SHEET Page 18 of 510	Last date for submission of Bid/proposal - 22/04/2025 at 03:00 pm	We request you to extend the bid submission deadline for atleast 3 weeks which shall allow bidders to complete the design activities and submit a competitive techno-commercial proposal. Please amend the Last date as below: "Last date for submission of Bid/proposal - 13/05/2025 at 03:00 pm"	Pl see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
152	Section 5 Scope of work	5.13.9 q)	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.	As per specification of the Racks at GP and Block /shelter are not smart racks and the monitoring is not required. The EMS monitoring mentioned here are of HUPS system. However it is mentioned that “ It should also be possible to control/switch on/off Non-Critical Loads/ Extra fans.” . The Port shall be made available to extend the control as part of Fan tray unit which can be integrated to EMS . Please advise / confirm.	We are not intending for the smart rack. However, any PIA if providing the smart rack higher score will be eligible in Technical Qualification criteria .Also PI see revision.
153	Section 10 Special technical Solution	Annexure B Rack at Block/ Shelter locations for Phase 1 & 2 both	PDU/MCB : Should have min two nos. 32 Amp PDU(16Amp(6) , 32 Amp(2), 6 Amp (2)), each having min six nos. C13 sockets and six nos. 3-pin round socket	The specs mentioned for DC PDU and AC PDU . Mentioned MCB are required in DC PDU and C13 socket in AC PDU. Please clarify the requirement	Bidder has to ensure the required deliverable will not be stuck due to non availability of infra creation. DC infrastructure source will be for DC equipments like but not limited to routers , etc. other including all infra for with AC source will be for air-conditioners.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
154	SECTION -2 INTRODUCTION	2.1.1.1	To Summarize, 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. As well as laying of incremental OFC (48 Core) for Phase-I blocks interconnectivity to reach up to State Data Center for backhaul connectivity	Request to share Leased Fiber connectivity KMs and bifurcations such as BSNL - Blok, Block to Block, Block to GP, GP-GP that is to be converted in to own built under Phase -III	Pl see preceding response

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
155	SECTION -3 ELIGIBILITY CRITERIA	Revised TECHNICAL QUALIFICATION CRITERIA	OFC Network:: Any section which is in damaged condition or temporarily restored shall be clearly mentioned in the HOTO memo. For permanent restoration of such damaged sections/temporary restored sections within defined limit as mentioned in section – 5.3 subcluse-15 related to “Repair-Reconstruct-Rectify-Replace”, the PIA shall be paid as per the predefined rates as per Annexure-F.	In order to address 20% above scope request to keep the deleted Provision with dew approval from GFGN Or 990% of the present tender approved rate, whichever is lower, for the work up to 10% of the total taken over incremental OFC RKM (FPOI to GP). VII. In case, such permanent restoration work is required to be taken up beyond 10% of the total taken over incremental OFC RKM, the PIA shall be paid at 80% of the present tender approved rates, in place of predefined rate, for the work carried out beyond 10%.	We have balance the risk of government as well as private sector/s. Hence, PI go through the RFP.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
156	SECTION -5	5.8 VIDEOGRAPHY	Videography for all the works like trenching, fibre laying, splicing etc. shall be conducted by PIA. The Video Recording (with Date/ Time stamping and GPS coordinates) of the OFC laying and Ducting works	<p>1. Please share the Software Application, Repository provision (Compute & storage space) and GFGN governance & security management.</p> <p>2. The Practical difficulty in synchronizing cascading activities of Digging , Ducting and Videography will create unnecessary delay.</p> <p>3. Such bulky information can not be useful for future operations or in field O&M as FRTs will be using thin mobile applications during the Network incident operations.</p> <p>4. Considering future usability we request amendment as Time stamp, Lat-long, Location address photograph with measuring scale at every 50 metre interval shall be proposed and it shall be handed over to GFGN in desired format to visualize GIS Route, attributes on Asset management portal to fulfil desktop activity of quality evidence validation.</p>	Pl see Revision
157	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS	iV Technical Specifications for Routers	<p>Block Routers Minimum Capacity: Type-A = 800 Gbps, Type-B = 300Gbps</p> <p>GP Routers Minimum Capacity: Type-C = 80 Gbps, Type-D = 40Gbps</p> <p>Block router inclusion in this tender stand deleted as part of de-duplication and merging two</p>	<p>As per the corrigendum Block Router has been removed from the PIA scope hence seeking support from GFGNL in following activities</p> <p>1. Integrations of EMS of different OEM at NMS level</p> <p>2. Extend Support in Services Provisioning</p> <p>3. PIA shall not be penalise if any protocol or services related functional issue occur in future</p>	Pl see preceding response

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
	COMPO NENTS		devices for the common purpose for reducing traffic handover, cost	operations due to different OEMs. 4. PIA shall responsible only for GP router Patch upgrade activities	
158	SECTION -6 PROJECT TIMELINES	6.1 PROJECT TIMELINES	T+3 Months - Aggregate commissioning of 1% of Phase-I in a ring visible on the S-NOC with IP-MPLS with village connectivity Aggregate commissioning of 2% of Phase- II in a ring visible on the S-NOC with IP-MPLS with village connectivity	Share TAT for Commissioned Aggregation Router to parent GP ring with adequate Ports and Backhaul DCN provisioning for Router Visibility in SNOC shall be shared for effective Project management	PI see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
159	SECTION -3 ELIGIBILITY CRITERIA	3.1 PRE-QUALIFICATION CRITERIA : Appendix # A Table-02	<p>For Lead Bidder and Consortium Table Total Experience Of OFC Project(Km) Consortium Partner and/or Lead Bidder : 8,000 Km or Rs. 500 Cr (with maximum two (2) organizations each for lead and consortium in last 10 years) Min. 5000 Km experience for consortium partner</p> <p>Experience Of OFC- O&M (Km) Consortium Partner and/or Lead Bidder:5,000 Km or Rs. 25 Cr (with maximum two (2) organizations each for lead and consortium in last 10 years) Min. 3000 Km experience for consortium partner</p> <p>For Active Equipment's Experience (Numbers) Consortium Partner and/or Lead Bidder:1,000 Numbers Min. 600 Numbers experience for consortium partner</p>	<p>As per latest corrigendum , We request the authority to please remove the compulsion of consortium member to have all 3 qualification requirement of OFC laying, OFC O&M and active nodes. As only one consortium is allowed as per RFP, one consortium member would not have all three requirement.</p> <p>We request the authority to allow qualification to be met by either consortium member for larger participation.</p>	Pl see revision
160	3	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/ TSPs, Category-A ISPs, IP-1, Central Government, State Government, Municipal Corporations for Smart	Kindly allow Category-B ISPs also.	Pl see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
			City Projects, BharatNet SPVs, PSUs for their own network and not sub-contracted works		
161	#Table-02 For Lead Bidder and Consortium	Eligibility Criteria B. Total Experience Of OFC Project(Km) Consortium Partner and/or Lead Bidder	15,000 Km or Rs. 900 Cr (with maximum two (2) organizations each for lead and consortium in last 10 years) Min. 9000 Km experience for consortium partner	Kindly Allow multiple organization experience in place of maximum two (2) organizations.	Pl see revision
162	#Table-02 For Lead Bidder and Consortium	Eligibility Criteria C. Experience Of OFC- O&M (Km) Consortium Partner and/or Lead Bidder	8,000 Km or Rs. 40 Cr (with maximum two (2) organizations each for lead and consortium in last 10 years) Min. 5000 Km experience for consortium partner	Kindly Allow multiple organization experience in place of maximum two (2) organizations.	Pl see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
163	#Table-02 For Lead Bidder and Consortium	Eligibility Criteria D : For Active Equipment's Experience (Numbers) Consortium Partner and/or Lead Bidder	Bid for two Packages 1,800 Numbers Min. 1,000 Numbers experience for consortium partner *by submission of valid documentation of same project on various	Kindly allow maximum Active nodes experience of 1,500 numbers for 2 packages with minimum 600 number experience from consortium partner	Pl see revision
164	Section-3, 3.1 PRE-QUALIFICATION CRITERIA , 3.Experience Pg. No. 56		<i>For Optical Fibre:The Sole or lead bidder (in case of consortium) or any one consortium member 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 as per table details mentioned in Appendix # A</i>	Clarification Required: For Own Network Which minimum documents are required.	Pl see revision
165	Appendix # A, #Table-02 For Lead Bidder and Consortium B.Total Experience Of OFC Project(Km)		<i>Bid for Single Package: 8,000 Km or Rs. 500 Cr (with maximum two (2) organizations each for lead and consortium in last 10 years) Min. 5000 Km experience for consortium partner</i> <i>Bid for two Packages: 15,000 Km or Rs. 900 Cr (with maximum two (2) organizations each for lead and consortium in last 10 years) Min. 9000 Km experience for consortium partner</i>	Clarification Required: For Own Network Which minimum documents are required.	Pl see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
	Consortium Partner and/or Lead Bidder Pg. No. 64				
166	Section-4, INSTRUCTIONS TO BIDDERS, 4.62 TRAINING Pg.No. 121		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 DIGITAL BHARAT NIDHI(DBN) and/or ultimate consignee, for further on line/offline training sessions as per the requirement.	<p>Clarification Required:</p> <p>As per the given requirements, a minimum of 8,000 GPS devices must be available for one package. Additionally, it is mentioned that 40 Man-Weeks of training are to be conducted during the first two years.</p> <p>Kindly confirm our understanding: This translates to approximately 10 months of training per year, assuming full-time engagement across the defined man-weeks. Please clarify whether the 40 Man-Weeks are cumulative over 2 years or required separately for each year (i.e., 40 Man-Weeks per year). Also, confirm the mode, scope, and batch size expected during training (e.g., classroom/online, theoretical/practical mix, recurring sessions, etc.)</p>	Pl see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
167	Section-3, 3.1 PRE-QUALIFICATION CRITERIA , 7. Make In India Policy (MII) and Land Border Pg. No. 61		The bidder(sole or lead & consortium members) shall not be allowed for purchase of active and passive equipments, and services of security, validation & functional tests devices, ground machinery for execution like HDD machines, excavators, manpower, sub-contract to contractors and other resources of proposed solution from a country which shares a land border with India unless such is registered with Competent Authority as per OM No. 6/18/2019-PPD dated 23rd July 2020 issued by Department of Expenditure, GoI and should be in compliance with make in India policy (guidelines of GoI issued vide No. P45021/2/2017-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, 21st October 2024 along with instructions as amended from time to time by Govt. of India) for promoting domestic manufactures.	Clarification Required: We seek clarification regarding the Make in India policy referenced in the tender: As per the document, relevant guidelines are mentioned on Page No. 61 and Page No. 133. However, the provisions in both sections appear to be conflicting. We request confirmation on the following points: Will the PMA (Public Procurement - Preference to Make in India) classification — Class 1 / Class 2 local supplier — be applicable on the entire tender value, including both supply and service components? Or, will the PMA compliance be evaluated based only on the total value of supply items under the project? Kindly confirm the applicable policy and the percentage requirement for compliance to avoid any ambiguity during bid preparation.	Pl see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
168	Section-4, INSTRUCTIONS TO BIDDERS, 4.71 PUBLIC PROCUREMENTS Pg.No. 133		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.	<p>Clarification Required:</p> <p>We seek clarification regarding the Make in India policy referenced in the tender:</p> <p>As per the document, relevant guidelines are mentioned on Page No. 61 and Page No. 133. However, the provisions in both sections appear to be conflicting.</p> <p>We request confirmation on the following points:</p> <p>Will the PMA (Public Procurement - Preference to Make in India) classification — Class 1 / Class 2 local supplier — be applicable on the entire tender value, including both supply and service components?</p> <p>Or, will the PMA compliance be evaluated based only on the total value of supply items under the project?</p> <p>Kindly confirm the applicable policy and the percentage requirement for compliance to avoid any ambiguity during bid preparation.</p>	Pl see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
169	SECTION -5 SCOPE OF WORK, 5.13 Operation And Maintenance 5.13.1 INFRASTRUCTURE 5.13.1.1 DETAILS OF EXISTING SET-UP, INVENTORY DETAILS ETC. OF BHARAT NET PHASE-2 Pg. No. 183 SECTION -8 FINANCIAL BID Note: Pg.No.276		<p>The Shelter mainly contain FDMS, OLT, Splitter, DWDM, NPT, RFMS, OTN, Switch, Power Plant, ILA/OLA, Servo Stabilizer.</p> <p>This also include the activities of O&M for the new as well as existing shelter (after upgradation) and all it's inventories, for which a separate tender is in progress from tenderer, will be in the scope of selected PIA of this tender.</p> <p>Further, for shelter O&M 2% of discovered capex charges will be paid as O&M charges to the selected PIA for entire contract duration. GFGNL will support with sufficient AMC/warranty cover for coming 5 years. The taking over of shelter O&M by the selected PIA is very essential and non-negotiable ask for better management, co-ordination and control in totality.</p>	<p>Clarification & Suggestion: We kindly request you to share the following details related to the existing shelter infrastructure:</p> <ol style="list-style-type: none"> 1. Shelter inventory details 2. OEM information, including make and model of the materials used 3. Warranty details of existing materials, including: <ul style="list-style-type: none"> # Warranty period # Whether it is comprehensive or non-comprehensive # Copy of the warranty agreement 4. AMC (Annual Maintenance Contract) terms and agreement, including applicable charges and scope <p>As per the RFP, it is mentioned that GFGNL will publish a separate RFP for new shelter implementation, and post the 1-year warranty period, O&M responsibilities will be directly handed over to the L1 bidder.</p> <p>In light of this, we would like to suggest the following for better project continuity and operational ease:</p> <p>Kindly consider assigning the entire scope — including new shelter implementation and future O&M — to the main bidder of the current project itself. This will ensure</p>	Shelter RFP will cover the asked details.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
				smoother execution and simplified long-term maintenance for all stakeholders.	

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
170	SECTION -5 SCOPE OF WORK, 5.3 FIBERIZATION AND DESIGN PRINCIPLES Pg.No. 145		<p>6. Fiber loss guideline for each section should be following,</p> <ul style="list-style-type: none"> ➤ For 1310nm : 0.34 dB attenuation per Km (1310 nm) + 0.1 dB / splice + 1 dB connector loss ➤ For 1550nm : 0.22 dB attenuation per Km (1550 nm) + 0.1 dB / splice + 1 dB connector loss 	<p>Clarification Required:</p> <p>As per the guidelines, the acceptable fiber loss for old routes and fiber core handover is specified as -25 dB or better.</p> <p>We assume that this fiber loss requirement is applicable only to the new rollout segments (i.e., newly constructed routes).</p> <p>Request you to please clarify: Whether this loss benchmark of -25 dB or better will also apply to hybrid routes (combination of old/new segments or upgraded/repared routes).</p> <p>In such hybrid cases, will the measurement be done on a pro-rata basis or section-wise, depending on the nature and extent of the route (newly laid vs. existing/repared)?</p> <p>A clear guideline on this will help ensure accurate compliance and planning during route assessment and execution.</p>	As per RFP

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
171	SECTION -5 SCOPE OF WORK, 5.3 FIBERIZATION AND DESIGN PRINCIPLES Pg.No. 145		<p>7. Baseline criteria of existing fiber for Phase-I should be as per following:</p> <p>a) >60% of cores 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.</p> <p>b) Temporary Aerial cable should be 0 Mtr except routes where ROW and difficult terrain challenged for approved length.</p> <p>c) Accessible joint closure to be housed in Manhole chamber along with route marker and should be 90% of accessible chamber.</p> <p>d) As-built, Fiber splicing, ISP update in GIS should be 100%.</p>	<p>Clarification Required:</p> <p>As per the baseline requirement, 60% of the total cores (i.e., minimum 14 cores) are required to be maintained end-to-end (E2E), and the bidder shall be responsible for maintaining these cores throughout the O&M period. However, as per the design principle for a 24-core fiber cable, 8 cores are typically utilized for network design, leaving only 6 cores available as free E2E cores.</p> <p>In this context, we request clarification on the following: Whether the 60% E2E core availability is applicable on the entire cable capacity or only on the designed/used cores.</p> <p>If applied on the full cable (24 cores), it would require ensuring 14 E2E cores, which may not align with the current design principle of utilizing 8 cores. Please confirm if any revision in design core allocation is expected to meet this baseline.</p> <p>A clear understanding of this will help ensure proper planning and compliance during implementation and O&M phases</p>	Pl see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
172	SECTION -5 SCOPE OF WORK, 5.3 FIBERIZATION AND DESIGN PRINCIPLES Pg.No. 145		<p>8. Baseline criteria of existing fiber for Phase-II should be as per following:</p> <p>a) >90% of cores 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.</p> <p>b) Temporary Aerial cable should be 0 Mtr except routes where ROW and difficult terrain challenged for approved length.</p> <p>c) Accessible joint closure to be housed in Manhole chamber along with route marker and should be 90% of accessible chamber.</p> <p>d) As-built, Fiber splicing, ISP update in GIS should be 100%.</p>	<p>Clarification Required:</p> <p>As per the baseline requirement, 90% of the total cores (i.e., minimum 43 cores) must be maintained end-to-end (E2E), and the bidder will be responsible for maintaining these cores during the O&M period.</p> <p>However, as per the design principle for a 48F cable, typically 12 cores are utilized for network design. In this case, only 36 cores remain available, out of which 31 cores can be maintained as free E2E cores — which is less than the 43-core requirement.</p> <p>The same calculation logic applies to 96F cables, where the design utilization may also conflict with the 90% E2E requirement, depending on network planning.</p> <p>We request clarification on the following points:</p> <p>Is the 90% E2E requirement applicable on the entire cable capacity, or should it be calculated based on the available (non-designated) cores?</p> <p>If applicable to the full cable count (e.g., 48F or 96F), please confirm</p>	Question is not clear

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
				<p>whether the design core allocation needs to be revised to meet the baseline requirement of 90% E2E cores.</p> <p>Clarity on this will help us plan the fiber design and O&M responsibilities accordingly</p>	

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
173	SECTION -5 SCOPE OF WORK, 5.3 FIBERIZATION AND DESIGN PRINCIPLES Pg.No. 147		<p>9. Bestline criteria of existing fiber for Phase-I should be as per following:</p> <p>17. For rest region of Gujarat (Other than Kutch):</p> <p>ii) Permissible limit for use of alternative technology for GP ring closure without diluting link capacity and SLA performance parameters = Up to 6% 8% of Total GPs of respective package (For package-B excluding Kutch).</p>	<p>larification Required:</p> <p>We request clarification regarding the interpretation of Linear Segment and Alternate Technology Segment as mentioned in the tender:</p> <p>Are Linear Segment (6%) and Alternate Technology Segment (8%) considered as two separate categories, with their respective segment percentages applicable independently?</p> <p>i.e., Total = 14% (6% Linear + 8% Alternate Technology)</p> <p>OR</p> <p>Will the Alternate Technology Segment be considered part of the Linear Segment, and therefore not counted separately?</p> <p>Additionally, please confirm:</p> <p>Whether alternate technologies used for ring closure, LM GP (Linear Mode GP) connectivity, etc., will be counted solely under the Alternate Technology segment, or also considered as contributing to Linear Segment compliance.</p> <p>A clear understanding of how these</p>	<p>PI go through the RFP. PI see revision as well.</p>

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
				categories are defined and measured is essential for accurate planning and deployment.	

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
174	SECTION -5 SCOPE OF WORK, 5.3 FIBERIZATION AND DESIGN PRINCIPLES Pg.No. 149		<p>9. Bestline criteria of existing fiber for Phase-I should be as per following: 24.PIA shall follow the fiberization Principles for Phase-I network as stated below.</p> <p>1. Network Layer-HIGHSPEED DATA CORRIDOR Fiber Work Type-New work – Straight route New Fiber Type (Minimum Requirement)-48F (Armoured – Ribbon) Fiber topology(Termination/Spare)-All cores of fiber to be terminated in FDMS at Masterblock in each path.36F to be remain spare (free) end to end after utilizing in network topology</p>	<p>Clarification Required: As per the baseline requirement, 60% of the total cores (i.e., minimum 14 cores) are required to be maintained end-to-end (E2E), and the bidder shall be responsible for maintaining these cores throughout the O&M period. However, as per the design principle for a 24-core fiber cable, 8 cores are typically utilized for network design, leaving only 6 cores available as free E2E cores.</p> <p>In this context, we request clarification on the following: Whether the 60% E2E core availability is applicable on the entire cable capacity or only on the designed/used cores. If applied on the full cable (24 cores), it would require ensuring 14 E2E cores, which may not align with the current design principle of utilizing 8 cores. Please confirm if any revision in design core allocation is expected to meet this baseline. A clear understanding of this will help ensure proper planning and compliance during implementation and O&M phases</p>	The question is not clear

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
175	SECTION -5 SCOPE OF WORK, 5.3 FIBERIZATION AND DESIGN PRINCIPLES Pg.No. 150		<p>9. Bestline criteria of existing fiber for Phase-I should be as per following: 25.PIA shall follow the fiberization Principles for Phase-II network as stated below.</p> <p>1. Network Layer-HIGHSPEED DATA CORRIDOR Fiber Work Type-New work – Straight route New Fiber Type (Minimum Requirement)-48F (Armoured – Ribbon) Fiber topology(Termination/Spare)-All cores of fiber to be terminated in FDMS at Masterblock in each path.36F to be remain spare (free) end to end after utilizing in network topology</p>	<p>Clarification Required:</p> <p>As per the baseline requirement, 90% of the total cores (i.e., minimum 43 cores) must be maintained end-to-end (E2E), and the bidder will be responsible for maintaining these cores during the O&M period.</p> <p>However, as per the design principle for a 48F cable, typically 12 cores are utilized for network design. In this case, only 36 cores remain available, out of which 31 cores can be maintained as free E2E cores — which is less than the 43-core requirement.</p> <p>The same calculation logic applies to 96F cables, where the design utilization may also conflict with the 90% E2E requirement, depending on network planning.</p> <p>We request clarification on the following points:</p> <p>Is the 90% E2E requirement applicable on the entire cable capacity, or should it be calculated based on the available (non-designated) cores?</p> <p>If applicable to the full cable count (e.g., 48F or 96F), please confirm</p>	The question is not clear

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
				<p>whether the design core allocation needs to be revised to meet the baseline requirement of 90% E2E cores.</p> <p>Clarity on this will help us plan the fiber design and O&M responsibilities accordingly</p>	

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
176	SECTION -5 SCOPE OF WORK, 5.13 Operation And Maintenance 5.13.9 OTHER NETWORK O&M PARAMETERS Pg.No. 215		Existing GP Powerbackup/UPS having 1 KVA capacity with 2 hours back up, Bidder needs to upgrade it to achieve atleast minimum 8 Hours 6 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>Clarification Required:</p> <p>As per the given UPS specification, the requirement is for a minimum of 6 hours of backup with a 500W load, and the SNMP feature is required for monitoring.</p> <p>However, for the old inventory, it is specified that the UPS systems need to be upgraded as per the RFP requirements. Additionally, the old UPS units are not SNMP-enabled.</p> <p>We seek clarification on the following:</p> <p>For the old inventory, is it a clear-cut replacement requirement only, or should the old UPS units (with 1KVA and 2 hours backup) still be considered for use in revenue village locations, even though the datasheet does not mention the specifications for these units?</p> <p>If the old inventory is to be used for Revenue Village, does it meet the functional requirements, or should we expect a different level of specification for those areas?</p> <p>A clear response will help us ensure that the old inventory is either properly upgraded or replaced, as per the requirement for the project</p>	Pl see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
177	SECTION -5 SCOPE OF WORK, 5.13 Operation And Maintenance 5.13.4 NETWORK INVENTORY Pg.No. 205		Inventory Name: UPS at GP % Spare: 10% of total installed in Taluka	<p>Clarification & Suggestion:</p> <p>We would like to raise a concern regarding the 10% spare requirement for UPS units, as outlined in the tender. Based on industry standards, especially for UPS systems, this spare percentage seems unusually high.</p> <p>Considering the following:</p> <p>On average, with 8,000 GPs and the requirement for 800 UPS units (along with BB), and given that these units will not be subjected to battery charge-discharge cycles, we anticipate that within a 6-8 month span, the UPS batteries may become non-functional due to lack of use.</p> <p>We kindly request you to:</p> <p>Revise the UPS spare requirement to exclude batteries from the spare count.</p> <p>Clarify that during the O&M period, if any battery is found faulty, the bidder will be responsible for replacing the battery within 15 working days, at no additional cost, for the entire span of 7 years.</p> <p>This revision will ensure more</p>	Pl see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
				practical spare management and proper lifecycle support for the UPS systems throughout the O&M period.	

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
178	Appendix # A, Note-1, Pg. No. 66		<i>For UPS: Against the requirement of TSEC/ QF-103 of UPS, bidders may also submit copy of previous TSEC of any UPS or any CCU or both to meet the eligibility for submitting the bid only. However, the PIA/ OEM shall submit the valid TSEC as per the Technical Specifications in this RFP, before supply of the UPS.</i>	<p>Clarification Required:</p> <p>We have noticed that the UPS specifications for the Revenue Village locations are missing from the tender documents.</p> <p>Could you please provide the detailed UPS specifications for these locations, including but not limited to:</p> <p>Power capacity (kVA)</p> <p>Backup time required (hours)</p> <p>Battery type and configuration</p> <p>Any other specific features or requirements</p>	Pl see revision
179	SECTION -5 SCOPE OF WORK, 5.8 VIDEOGRAPHY Pg.No. 167		1) Videography for all the works like trenching, fibre laying, splicing etc shall be conducted by PIA. 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>Clarification Required:</p> <p>We assume that the responsibility for application, server space, and data storage will rest with GFGNL.</p> <p>Additionally, we request clarification on the following:</p> <p>In the event of any data loss related to the section route exclusion, will the FAT (Factory Acceptance Test) exclude this portion, or will it have any impact on the acceptance criteria?</p>	Pl see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
180	SECTION -5 SCOPE OF WORK, 5.8 VIDEOGRAPHY Pg.No. 168		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>Clarification Required:</p> <p>We assume that the software being used is capable of automatically recording the GIS start point and end point for a 40-meter section. Furthermore, the software should have the functionality to:</p> <p>Self-recognize the section start point and end point,</p> <p>Identify any overlap or duplicates in the data,</p> <p>Allow multiple field engineers to manage and update the section information on the ground simultaneously.</p>	Pl see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
181	SECTION -5 SCOPE OF WORK, 5.13 Operation And Maintenance 5.13.1 INFRASTRUCTURE Pg.No. 181		<p>Infrastructure developed through any authorized third party of GFGNL for BharatNet PhaseIII ,like backhaul /network upgradation, power backup- utility upgradation will be operated and managed by the selected bidder on pre-defined percentage as below.In other words, 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 for better operation, co-ordination, control by having single point of responsibility with PIA in the larger interest of the project. The responsibility and financials are as below. In this case,</p> <p>i) AMC Covers: Responsibility of the GFGNL. The bidder will not have to buy.</p> <p>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</p>	<p>Clarification Required:</p> <p>We assume that the existing partner will provide support as per the SLA guidelines, and the bidder will not be required to pay any costs to the OEM for AMC/Warranty related to the existing inventory.</p> <p>The bidder's responsibilities will be limited to O&M activities, RS&R, and transport facilitation only.</p> <p>Additionally, for items under Phase 1 & Phase 2 where AMC/Warranty is not available, and OEM does not provide AMC or warranty support, we understand that GFGNL will reimburse the actual cost of RS&R, repair, and replacement of such products.</p> <p>Kindly confirm if our understanding is correct.</p>	Pl see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
			end of AMC provider will not be counted in the fault bucket of PIA.		

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
182	SECTION -5 SCOPE OF WORK, 5.13 Operation And Maintenance 5.13.1 INFRASTRUCTURE 5.13.1.2 INFRASTRUCTURE HANDOVER TAKEOVER Pg.No. 193		IV. The responsibility of attending the faults in the damaged OFC routes is with the ongoing agency as per the milestone defined in section 5.9.2.1(A1) 5.13.3.1 (A1) .The existing agency shall progressively make over such GPs whose optical power is made available (-25dB) to the PIA with details of the routes marked on the asbuilt (already available with the PIA). The equipment of such GPs shall be made over by the ongoing agency.	Please Clarify, same guideline is applicable for bidder FAT and O&M activity and OSP Route section.	Question is not clear
183	SECTION -5 SCOPE OF WORK, 5.13 Operation And Maintenance 5.13.2 TIME LINES OF INITIAL		The PIA shall conduct the initial survey as per survey milestones	Clarification Required: We understand that the bidder is responsible for aligning resources for the HOTO (Hand Over-Take Over) of the existing network. However, if the existing O&M partner does not align resources for the existing network than how GFGNL will support.	GFGNL will extend support through existing agencies. If any deliberate non co-operation by the existing agency then serious action will be taken against them for both Ph-I and Ph-II agency including non-participation restriction in future in GFGNL.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
	SURVEY WITH HANDOVER FROM EXISTING PIA Pg.No. 194				
184	SECTION -5 SCOPE OF WORK, 5.13 Operation And Maintenance 5.13.3 HAND-OVER/TAKE-OVER EXISTING OPERATION(APPLICABLE FOR PHASE-I & PHASE-II NETWORK) Pg.No. 196		<p>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>Clarification & Suggestion:</p> <p>As per the RFP, we understand that GFGNL will publish an RFP for the implementation of new shelters, and after the 1-year warranty, the O&M will be directly provided to the L1 declared bidder.</p> <p>We would like to suggest that the scope of work related to the new shelters implementation, including project execution and future O&M, be added to the main bidder's responsibilities. This approach would streamline the process and ensure that the main bidder handles both the implementation and O&M activities, making the future O&M phase more efficient and seamless.</p>	It is the responsibility of GFGNL to ensure proper shelter on time . However O&M will be on selected PIA of ABP Bharatnet Ph-III.

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
185	SECTION -7 SERVICE LEVEL AGREEMENT(SLA) & PENALTY 7.8PENALTY FOR DEVIATION FROM STANDARD ENGINEERING INSTRUCTIONS FOR FIBRE LAYING (UNDER GROUND AND AERIAL) A) Undergr ound Fibre Cable Laying Pg.No. 253		Table Point 2 Depth (For Soft Strata)-< 165 cm to >=150 cm Depth(For Hard Strata including Murmur & Mix soil)(B)-< 120 cm to >=105 cm Protection Required-Protection (DWC/RCC/GI) Required @ Builtup Areas/ Road Cross/Railways/RoWs/ as per RoW Approving Authorities or GFGNL Less Payment in case of Selfdeclareddepth (with Proper Protection)-12%	Clarification Required: We have noticed that the BSNL guidelines are not being followed in the current context. While we understand that a cost reduction for less depth is applicable, as per BSNL's guidelines, the use of DWC (Deep Water Cable) and GI (Galvanized Iron) in the BSNL RFP will incur extra costs. Kindly recheck the applicability of these guidelines and confirm if any additional costs should be accounted for regarding the use of DWC and GI materials. Additionally, we seek clarification regarding Bridge Clamping. In this scenario, since the clamp will be mounted on the road's zero surface, based on calculations for reduced penalties, we assume that the 100% penalty is applicable. Please confirm if this assumption is correct, and kindly revalidate the scope of work for this specific installation	Pl see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
186	SECTION -7 SERVICE LEVEL AGREEMENT(SLA) & PENALTY 7.8PENALTY FOR DEVIATION FROM STANDARD ENGINEERING INSTRUCTIONS FOR FIBRE LAYING (UNDER GROUND AND AERIAL) A) Underground Fibre Cable Laying Pg.No. 254		Table Point 8 Depth (For Soft Strata)-Above Ground Depth(For Hard Strata including Murmur & Mix soil)(B)-Above Ground Protection Required-* GI / DWC + Wire mesh + PCC as per available approval at GP / Utility Crossing Less Payment in case of Selfdeclareddepth (with Proper Protection)-100%	<p>Clarification Required:</p> <p>We have noticed that the BSNL guidelines are not being followed in the current context. While we understand that a cost reduction for less depth is applicable, as per BSNL's guidelines, the use of DWC (Deep Water Cable) and GI (Galvanized Iron) in the BSNL RFP will incur extra costs.</p> <p>Kindly recheck the applicability of these guidelines and confirm if any additional costs should be accounted for regarding the use of DWC and GI materials.</p> <p>Additionally, we seek clarification regarding Bridge Clamping. In this scenario, since the clamp will be mounted on the road's zero surface, based on calculations for reduced penalties, we assume that the 100% penalty is applicable. Please confirm if this assumption is correct, and kindly revalidate the scope of work for this specific installation</p>	Pl see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
187	SECTION -7 SERVICE LEVEL AGREEMENT(SLA) & PENALTY 7.9.10 OFC CUT RESTORATION AND ASSOCIATED PENALTY CALCULATION Pg.No.264		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.	Clarification Required: As per Telecom Standards, it is permissible to have 3 cuts per FRT (Field Routing Term) per month. Additionally, we understand that 90% of the armored route is implemented in telecom projects. Based on this, for a 1000 KM per month (PM) route, we believe that a minimum of 10-12 cuts should be permissible, and for a quarter, 30-36 cuts should be allowed, provided that there is no outage affecting the GPs (Ground Points) and no service disruption occurs	Pl see revision
188	Annexure C: ENGINEERING INSTRUCTIONS FOR UNDER GROUND OPTICAL FIBRE CABLE LAYING WORKS e) Specifica		Route/Joint Indicator: The Route/Joint indicators are co-located with each manhole/joint chamber. In addition Route indicators are also to be placed where route changes direction like road crossings etc. Either RCC/Pre-cast or Stone based route indicators can be used. The detailed specification and design of the same shall be as per construction specification. Generally, Stone Route indicators shall be used for the BharatNet Project. Alternatively electronic markers shall be used for joint	Clarification Required: We assume that the mention of "Electronic Marker" in the document is a typographical error. Kindly confirm if this is the case and if it should be corrected.	Pl refer RFP

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
	tions of Material s to be used Pg.No. 412		indicators by fixing/tying them to joint closure.		
189	3.1 PRE-QUALIFICATION CRITERIA	Experience	Note-6: The Experience counted once of any entity can not be counted again, in case, participating in multipackage. The bidder has to clearly mention package wise distinct experience for claiming eligibility.	We request you to please delete this clause.	As per RFP

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
190	ELIGIBILITY CRITERIA	Technical qualification criteria- 3. Experience	The Sole or lead bidder (in case of consortium) or any one consortium member should have experience of Laying, Installation, Testing and Commissioning of Optical Fibre Cable (Underground), Duct and accessories as mentioned below in last 10 Years, as per the following: Bid for 1 package - 8,000 Km or Rs. 500 Cr (with maximum two (2) organizations each for lead and consortium in last 10 years) Min. 5000 Km experience for consortium partner Bid for 2 Packages- 15,000 Km or Rs. 900 Cr (with maximum two (2) organizations each for lead and consortium in last 10 years) Min. 9000 Km experience for consortium partner	EPC experience for OFC network construction project has been deleted in GFGNL tender and only laying experience is required. This project is EPC project & EPC experience is very crucial to have knowledge of such project. Also, when participating in consortium, the criteria for experience must be allowed to be fulfilled by any member of the consortium. The same is being followed in other Bharatnet tenders including the recent BSNL Phase-III tender for amended Bharatnet project. Please amend suitably.	As per RFP
191	SECTION -3 ELIGIBILITY CRITERIA	3.1 PRE-QUALIFICATION CRITERIA 3(i)b Page 34 & 35	For Active Equipment's Experience: Experience of Telecommunication equipment installation, commissioning with AMC /warranty or O&M of at least- as per table details mentioned in Appendix # A	The active nodes mentioned are normally a part of large turnkey project in which the active nodes have been installed and commissioned but Warranty/ O&M/ AMC is yet to start. It is requested to accept experience of projects wherein Warranty/ O&M/ AMC is a part of the awarded contract / PO, however same is yet to start after successful installation of the Active Nodes.	Pl see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
192	Annexure B	4-IV-1 Page 342	Compliance - TEC/GR 48050:2024 Standard with latest amendments if any or	We understand as all routers at Block and GP location are for traffic aggregation purpose, and hence are expected to fall under Aggregation Category Router of TEC GR 48050:2024, i.e. Category - V or VI for Chassis based Routers and Category XV for non-chassis based routers. Kindly Confirm on same.	Pl see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
193	SECTION -3 ELIGIBILITY CRITERIA	Note- 5 (Make In India): (i) Page 67 of 502	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.....	<p>We understand that the Public Procurement (Preference to Make in India) (PPP-MII) guidelines, issued vide No. P-45021/2/2017-PP (B.E.-II)-Part IV (Vol-II) dated 19.07.2024 and DoT Gazette Notification dated 21.10.2024, along with subsequent amendments, if any, shall be applicable to this tender.</p> <p>As per Clause 3.1a of guideline dated 19.7.2024 "The items notified as having sufficient local capacity and competition shall mandatorily be sourced from Class I local suppliers in SI/EPC/ Turnkey contracts/ Services tenders.....".</p> <p>Further, Clause 4 of DoT Gazette Notification dated 21.10.2024, states " In terms of Clause 2, 3 and 11 of the DPIIT's PPP-MII Order dated 19.07.2024, it is hereby notified that telecom products, services and works listed in Table-A have sufficient local capacity and local competition. A Class-I local supplier must meet the Minimum Local Content (MLC) requirement specified against each item in Table-A. Table-A also specifies the maximum ceiling of LC percentage for design out of total LC against each item. The conditions for the inputs to be qualified as Local</p>	Pl see revision

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
				<p>Content (LC) are specified in Table-B."</p> <p>Please confirm our understanding that for GFGNL tender, the items mentioned in Table-A of the DOT Gazette notification dated 21.10.24 have to compulsorily meet the specified local content requirement mentioned therein.</p>	

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
194	XI. Unlicensed Band Radio (UBR)	Distance Support	P2P up to 10Km (for 1 Gbps throughput) P2P up to 20Km (for 500 Mbps throughput)	<p>Request to modify clause as per BSNL Central RFP.</p> <p>Request to amend clause as:</p> <p>1. The throughput for a hop distance of 6-10km shall be minimum 500 Mbps (uplink + downlink) without packet loss for 90% of such sites and remaining 10% sites can be accepted with 25% reduced throughput (375Mbps) without packet loss.</p> <p>2. The throughput for a hop distance of 10-14 km shall be minimum 400 Mbps (uplink + downlink) without packet loss for 90% of such sites and remaining 10% sites can be accepted with 25% reduced throughput (300 Mbps) without packet loss.</p> <p>3. The throughput for a hop distance of 14-18 km shall be minimum 200 Mbps (uplink + downlink) without packet loss for 90% of such sites and remaining 10% sites can be accepted with 25%reduced throughput (150 Mbps) without packet loss.</p>	Refer the RFP
195	XI. Unlicensed Band Radio (UBR)	Throughput Support	Radio should provide (1Gbps / 500 Mbps as mentioned above) throughput with appropriate backplane capacity with supported distance and geographical environmental conditions		Refer the RFP

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
196	XI. Unlicensed Band Radio (UBR)	Latency	=< 3ms	<p>TDD technology uses same frequency to transmit and receive data alternatively, thus increasing the latency to some extent. =< 3ms is suitable for Microwave radio that uses FDD, but is too low for UBRs working on TDD.</p> <p>Moreover there are packet retransmission in UBR due to interference which increases the latency, makes it hard to achieve such low latency in interference scenario.</p> <p>Request to amend clause as: Latency =< 10ms</p>	Refer the RFP
197	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>Request to amend clause as: 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>	Refer the RFP

Sr. No	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
198	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS	1 (Z) General Requirement	As per clause – 12 in Make in India Implementation issued by DoT dated on 21 October 2024 the proof of concept (POC) is included for Make in India (MII) products (Router and RFMS) and tenderer may ask for POC from bidder/OEM for the same. It is the OEM and bidder responsibility to offer POC with all preparedness for validation of offered products at neutral LAB within 3 calendar days from the date of bid submission and conclude within 3 calendar days from the date of start of POC.	We understand and support the objective of promoting indigenous technologies through PoC as a substitute for qualifying experience for MII products but 3 Calendar days timeline for PoC is very short. We request that PoC duration should be extended to 10 working days from the date of bid submission and duration of POC to be completed within 7 working days, to allow adequate time for set up and proper execution of PoC Activities.	Pl see revision
199	VIII. Technical Specifications for LAN Switch	CPE (customer premise equipment) L2 manageable switch – 8 ports	CPE (customer premise equipment) L2 manageable switch – 8 ports TEC GR Standard No.: TEC TEC-GR-IT-LSW-001-05-Mar-14, with latest amendments if any or NDPP certified	We understand at Revenue village 8 port switch being planned . We suggest Revenue village customer traffic can be also given through ONT (which is already part of RFP) Effectively by connecting multiple revenue customer using splitter , This enables better management of 4S objective of revenue village customer . Hence we request you to remove CPE 8 port switch scope from RFP .	As per RFP

=====End Of Document=====