

Corrigendum VII

Revised RFP for Selection of Project Implementing Agency For Implementation Of ABP(Amended BharatNet Program) in Gujarat under GFGNL

**(Design, Construction, Supply, Implementation, Testing
& Commissioning and Operation & Management Model)**

(Tender No. GFGNL/GFG/e -file/263/2026/0070/Phase-III(ABP in Gujarat))

20th August, 2026



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	02/07/2026 16/07/2026 30/07/2026 14/08/2026 18/08/2026 25/08/2026 27/08/2026 at 06:10 pm
10.	Last date for submission of Bid/proposal (Physical copy excluding financial bid only if asked based on nature of RFP) i) Tender Fee ii) EMD iii) PoA(Power of Attorney) Integrity Pact	Within 5 working days from the Date of submission of online bid dates in working hours (till 06:10pm) Address: Chief Finance Officer(CFO), Gujarat Fibre Grid Network Limited Block No: 6, 5th Floor, Udyog Bhavan, Sector-11, Gandhinagar 382010 in event of particular ask of submitting physical copy then logical portion of the bid should be appropriate in the respective sealed cover for maintaining confidentiality.

Note:

Queries shall be submitted by the bidders within 2 days from the date of issuance of Corrigendum-VII, latest by 22nd August,2026, 03:00 PM, and queries received thereafter shall not be considered thereafter.

Pre-Bid Queries Answers:

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
1	Scope Of Work	Section 5	5.3.2 and Annexure XXXVIII	Existing Network Inventory Details	Clause 5.3.2 refers to Annexure XXXVIII containing the inventory of existing network infrastructure along with laid OFC infrastructure. GFGNL has provided the document titled "Existing Inventory details_BharatNet PH-I and II"; however, the document contains only the count of existing assets and does not provide detailed OFC infrastructure information. The document does not include details such as Phase-I and Phase-II route KM, fibre type-wise	GFGNL has already provided all GP list with LGD code and asset details in separate spreadsheets/Annexures along with master RFP. In case, anything more network related information is required, Please send your authorized person with NDA signed accordingly feasible GIS access can be extended based on approval without impacting bid submission date.

Sr. N o	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					breakup (24F/48F/96F/ADSS), district/block-wise OFC lengths, as-built route diagrams, joint/splice details, fibre core availability, and OFC health status. Since the successful bidder is required to take over, operate, and maintain the existing network, the above information is essential for assessing the O&M scope, associated risks, and cost implications. Therefore, bidders request GFGNL to provide the complete OFC inventory along with associated as-built drawings and network details to enable preparation of a realistic and competitive	

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					commercial bid. In the absence of detailed OFC route and health information, kindly clarify whether any defects, route deviations, damaged fibres, missing assets, or discrepancies identified during the handover process shall be rectified by GFGNL/existing operator separately, or whether the same shall be deemed included in the PIA's scope and quoted price.	

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
2	Scope Of Work	Section 5	Clause 5.4.3	Revenue Village Connectivity	Clause 5.4.3 states that connectivity to approximately 4,141 Revenue Villages shall be provided on demand. Kindly clarify whether the quantity of 4,141 Revenue Villages is a firm quantity to be considered for commercial evaluation or whether payment shall be made only for the actual number of Revenue Villages connected during the contract period. Further, kindly confirm the applicable unit rates, approval process, and payment mechanism for such on-demand connectivity. Additionally, please clarify whether the scope is limited to the Revenue Villages	The quantity of approximately 4,141 Revenue Villages are indicative and may vary. The connectivity shall be executed strictly on a demand basis and subject to approval by GFGNL/Competent Authority. Payment shall be made only for the actual number of Revenue Villages connected and accepted in accordance with the applicable provisions of the RFP terms and conditions. However, GFGNL reserves the right, based on project requirements, Government directives, network planning considerations, or BharatNet objectives, to add, delete, substitute, reprioritize, or modify the list/counts of Revenue Villages during the contract period.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					listed in Annexure XXXV or whether additional Revenue Villages may be added during the contract period. In case of addition of new Revenue Villages beyond the listed scope, kindly confirm the approval process, applicable unit rates, and payment mechanism for execution of such additional works	
3	Scope Of Work	Section 5	Clauses 5.3.2 & 5.3.3	Existing Asset Health and Liability for Defective Inherited Assets	The RFP requires the successful bidder to take over and maintain the existing BharatNet Phase-I and Phase-II infrastructure. However, the "Existing Inventory details_Bharatnet_P H_I and II" shared in the clarification provides only the count of assets and does not indicate	The details are mentioned in the Annexures, For Phase-II the all network elements are yet under warranty and EoSS till the end of Oct,2027. Further, For the Phase-I the warranty of all existing network elements are expired and may EoSS.Further, the any additional details requirement, bidder is advised to send representative for survey

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					their operational status, health condition, age, warranty status, or details of defective/non-functional assets. Kindly clarify whether any defective, damaged, obsolete, missing, or non-functional assets identified during the handover process shall be rectified/replaced by GFGNL/existing operator separately, or whether such rectification/replacement shall be deemed included in the PIA's scope and quoted price. Further, kindly confirm the mechanism for joint verification and acceptance of the inherited assets	and NMS/GIS access with NDA signed. However, in any case, Bidder is advised to refer the key terms and responsibility carefully in the RFP as it will be sole / end to end responsibility of the PIA.

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					during the HoTo process	
4	Scope Of Work	Section 5	Clauses 5.3.4, 5.4 and relevant BOQ items	Shelter Readiness and Site Infrastructure	The RFP envisages deployment of active equipment at existing and new BSNL Exchange/Shelter locations. Kindly clarify whether the identified sites shall be handed over in a ready condition with adequate space, civil infrastructure, power supply, earthing, lightning protection, air-conditioning and security arrangements. In case any of these facilities are not available, please confirm whether creation/upgradation of such infrastructure shall be in the scope of the PIA and indicate the corresponding BOQ/payment	The Bidder has to read the RFP clauses including (5.12) carefully.

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					provisions. Further, kindly confirm whether uninterrupted grid power/DG backup at these locations shall be provided by GFGNL/BSNL or arranged by the PIA.	
5	SLA & Penalty	Section 7 / Section 8 (O&M and SLA Provisions)	Relevant SLA Clauses	O&M SLA Matrix and Penalty Provisions	The RFP requires the successful bidder to operate and maintain the network and comply with prescribed SLA requirements. However, the detailed SLA matrix, uptime requirements, response/restoration timelines, measurement methodology, exclusions, and penalty calculations are not clearly defined. Kindly provide the detailed SLA matrix covering network availability	Bidder is requested to Refer the section carefully. details are already covered in the master RFP in Corrigendum-V including section 7.

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					targets, fault response time, fault restoration time, MTTR, service downtime calculations, performance measurement criteria, exemption conditions (including force majeure, power failures, third-party damages and fibre cuts), and the applicable penalty/liquidated damage mechanism for non-compliance.	
6	Scope Of Work	Section 5	Clause 5.3.1 / HoTo	Joint Verification of Existing Assets	Kindly clarify whether a joint verification report signed by GFGNL, existing PIA and successful bidder shall form the baseline for acceptance of existing assets, OFC routes and active equipment. Any defects, missing	No change. The provision shall remain as per the RFP.

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					assets or non-functional elements identified after joint verification but existing prior to takeover should not be attributable to the successful bidder.	
7	Scope Of Work	Section 5	Clause 5.4 (Implementation Scope)	RoW Permissions and Extension of Time	The project involves OFC laying, ring formation, and connectivity to Revenue Villages across multiple jurisdictions requiring Right of Way (RoW) approvals from various authorities. Kindly clarify whether obtaining RoW permissions shall be the sole responsibility of the PIA or whether GFGNL/State Government shall facilitate and support the approval process. Further, please confirm whether	The clarification on the ask is covered in the RFP Clause 5.22 of the RFP, Bidder is advised to read the relevant clauses in RFP carefully

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					statutory RoW charges shall be reimbursed separately or are deemed included in the quoted price. In case of delays arising due to pending RoW approvals, permissions from government authorities, or other reasons beyond the control of the PIA, kindly clarify whether suitable Extension of Time (EoT) shall be granted without levy of penalties/liquidated damages.	

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8	Instruction to Bidders	Section 4	Clause 4.13 (Bid Price)	Price Variation Clause (PVC)	Considering the long project duration comprising approximately 3 years of implementation and 10 years of O&M, kindly clarify whether any Price Variation Clause (PVC) shall be applicable during the implementation and O&M periods. In the absence of PVC, bidders may be exposed to significant fluctuations in the cost of OFC, HDPE ducts, telecom equipment, batteries, fuel, transportation, and manpower. Kindly confirm whether any mechanism for adjustment/escalation of prices shall be applicable during the contract period and provide the	Bidders are advised to carefully assess all commercial, financial, statutory, market, currency, supply chain, inflationary, and operational risks while preparing their bids. Unless specifically provided elsewhere in the RFP, the prices quoted by the bidder shall remain firm and fixed for the duration of the Contract, and no separate price escalation, cost adjustment, compensation, or reimbursement on account of increase in the cost of materials(active and passive), manpower, transportation, taxes/duties (other than as specifically provided in the RFP), or any other input costs shall be admissible. The bidder shall be deemed to have considered the complete scope and contract

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					methodology, indices, and frequency of such adjustments, if applicable.	duration while submitting the bid. Accordingly, no separate Price Variation Clause (PVC) is envisaged under the RFP.

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9	Scope Of Work	Section 5 & Section 7	Clause 5.23.9(i), Clause 5.13 (HoTo) and Warranty Support Clause	Warranty and AMC Requirements	The RFP specifies OEM warranty support, AMC obligations for existing Phase-I and Phase-II infrastructure, and comprehensive warranty support for newly supplied Phase-III equipment. Kindly clarify the warranty and AMC obligations applicable to all active network elements, including IP-MPLS Routers, OLTs, DWDM/OTN equipment, switches, servers, storage, and other associated equipment. Further, kindly provide a detailed responsibility matrix among the PIA, OEM, existing AMC providers, and GFGNL covering	No Change, As per RFP. Bidder is advised to refer the "warranty and AMC requirement" clause carefully. The successful PIA shall ensure continuous supportability of all active equipment throughout the contract period with OEM warranty, CAMC, TAC support, replacement support, spares, upgrades, or equivalent support arrangements necessary for compliance with contractual obligations and SLAs. The successful PIA shall remain solely responsible for maintenance, OEM support, spare availability, software support, upgrades, security patches, fault rectification, replacement and SLA compliance of all active network elements during the applicable contract period. No extra

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					warranty, AMC, spare parts replacement, software upgrades, security patches, OEM TAC/L3 support, and replacement of faulty equipment throughout the contract period. Additionally, please confirm whether bidder/OEM-backed warranty and comprehensive AMC support are mandatory for the entire 10-year contract period for all active network elements, or only for the standard warranty period, and whether the associated costs are deemed included in the bidder's quoted prices.	payment will be paid to the PIA.

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10	Project Timelines	Section 6	Clause 6.4 (Payment Schedule of Project/Payment of Bid Project Cost) and Clause 6.5 (O&M Payments)	Payment Terms, Milestones and Retention	Kindly provide the detailed milestone-wise payment schedule for implementation activities, including survey, design, supply, installation, testing, commissioning, acceptance, and Revenue Village connectivity. Further, kindly clarify the retention amount/withholding provisions, conditions for release of retention money, timeline for certification and payment of invoices, and the payment mechanism applicable during the O&M period. Please also confirm whether payments shall be linked to district-wise, block-wise, or project-wise	The milestone-wise payment schedule, retention provisions, invoice processing timelines, acceptance criteria, O&M payment mechanism, and conditions for release of payments shall be as specified in the RFP. However, based on the performance of the PIA, GFGNL reserves all the rights to govern the process.

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					acceptance and whether provisional acceptance shall be eligible for invoicing.	
11	Scope Of Work	Section 5	Clause 5.3.1	Timelines for Handover-Takeover (HoTo) of Existing Phase-I and Phase-II Network	Clause 5.3.1 specifies the timelines for handover of the existing Phase-I and Phase-II network. Kindly clarify the contractual remedies available to the successful bidder in case the existing PIA (e.g., BSNL or any other agency) delays, obstructs, or does not fully cooperate in the HoTo process, including handover of assets, inventory, network records, as-built drawings, and access to sites. Further, please confirm whether suitable Extension of Time (EoT), SLA relaxation, and protection from penalties/liquidated	Refer the HoTo process(Clause-5.3), beyond the time line mentioned for HoTo process or existing PIA contract closer/termination, network will be handover to new selected PIA. However ,SLA/Penalty relaxation applicable as per the "7.10.2.2 (Newly 7.9.2.2) PENALTY RELAXATION " and "7.10.2.18 (Newly 7.9.2.18) Exclusion"

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					damages shall be provided for delays attributable to the existing PIA or other factors beyond the control of the successful bidder.	
12	Scope Of Work	Section 5	Clause 5.8(l)	Sub-block Architecture and Parenting of GPs	Clause 5.8(l) specifies that an average of 23 GPs shall be parented at each Sub-block location, with a maximum of 30 GPs permissible with approval. Kindly clarify the total number of Sub-block locations envisaged across Gujarat under the project. Further, please confirm whether all Sub-block shelter locations have already been identified and are available for deployment, along with their details and coordinates, or whether the	Bidder may refer the existing BharatNet Phase-II, Shelter location details enclosed with RFP, which may treat as sub-block/master block based on terms and condition including design criteria and Shelter requirements mentioned in the RFP Clause(5.8 and 5.12) for more details. It will be successful bidder's responsibility to identify location for BharatNet Ph-I/II. However, based on joint verification with PIA with GFGNL and/or IE location will be confirmed.

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					successful bidder is required to identify and propose Sub-block locations during the survey and design phase. In case new locations are to be identified by the PIA, kindly clarify the approval process and corresponding payment provisions, if any.	
13	Scope Of Work	Section 5	Clause 5.12	BSNL Exchange / Shelter Infrastructure and New Shelter Construction	Clause 5.12 specifies that the scope includes work at existing BSNL Exchange/Shelter locations and construction of new shelters as per Drawing-02, with upgradation of existing shelters wherever required. Kindly provide the total count of (a) existing BSNL Exchange/Shelter locations requiring	Please refer annexure details of Existing Shelter Infrastructure with master RFP documents. Further, For Phase-I BSNL exchange details are also enclosed. However, based on the technical, geographical and governance requirement new shelter location may be needs to build near by BSNL exchange based on GFGNL approval. Payment will be based on actual as per the Financial

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					upgradation and (b) new shelters to be constructed under the project. Further, please confirm whether the Annexure pertaining to BSNL Exchange/New Shelter locations is complete and exhaustive for the project scope, or whether additional shelter locations may be added during execution. In case of any additions, kindly clarify the approval process and payment mechanism applicable to such additional scope.	line item discovery and acceptance test.
14	Scope Of Work	Section 5	Clause 5.14	GP Equipment Power Backup Requirements	Clause 5.14 requires the PIA to supply UPS with 6-hour backup at each GP location along with IP-MPLS Router, Mini-OLT and associated equipment. Kindly	The end objective for UPS power backup of minimum 6-hour. It will bidder's responsibility to design and propose the OEM/equipments with compliances to technical specifications and other

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					clarify the minimum UPS rating (VA/kVA), battery bank specification (Voltage and Ah), and load assumptions to be considered for sizing. Further, please confirm whether the 6-hour backup requirement is based on 100% connected load, average operating load, or a specified percentage loading of the IP-MPLS Router, Mini-OLT and associated equipment. Kindly also provide the power consumption details/design load for the GP equipment to ensure uniform compliance by all bidders.	terms conditions mentioned in the RFP. It also includes the situation, where existing GPON and new IP-MPLS equipment placed at GP till the migration of traffic and dismantle of old services/devices at GP.
15	Scope Of Work	Section 5	Clause 5.2	Chemical Earthing Requirements at GP Sites	Clause 5.2 specifies chemical earthing requirements at GP locations, including compliance with	Existing earthing infrastructure at Phase-I and Phase-II sites found suitable earthing during joint verification shall be

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					RDSO/SPN/197 standards. Kindly clarify whether the successful bidder is required to replace/upgrade the existing earthing system at Phase-I and Phase-II GP sites being taken over, or whether the existing earthing infrastructure shall be accepted if found compliant with the prescribed RDSO/SPN/197 standards during joint verification. Further, please clarify the responsibility and payment mechanism for rectification/replacement of non-compliant earthing systems identified during the HoTo process.	acceptable and shall not require replacement solely due to takeover. Any challenging in earthing systems identified and recorded during the joint handover process or in entire contract duration shall be responsibility of the successful PIA for replacement, upgrade, maintain compliant earthing infrastructure and meeting the applicable performance and safety requirements during the entire contract duration.

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16	SLA & Penalty	Section 7	Clause 7.10.2.5	SLA for Network Availability	Clause 7.10.2.5 specifies Network Availability SLA requirements of $\geq 98.5\%$ for GP on Ring, $\geq 99.5\%$ for Sub-Block, and $\geq 99.9\%$ for S-NOC, with downtime calculated on a monthly basis. Kindly clarify whether planned maintenance activities, preventive maintenance, software upgrades, security patching, and other mutually agreed maintenance windows shall be excluded from downtime computation for SLA purposes. Further, please specify the maximum permissible planned maintenance window per month and the approval/intimation process to be	Refer the formula mentioned in the clause 7.10.2.5 (newly 7.9.2.5) (b) and (c) for better clarifications.

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					followed for such activities.	
17	SLA & Penalty	Section 7	Clause 7.10.2.7	MTTR and Associated Penalties	Clause 7.10.2.7 provides for penalties in case fault restoration exceeds the prescribed MTTR limits. Kindly provide the detailed MTTR thresholds applicable for various fault categories, including (a) GP-level OFC cut restoration, (b) active equipment failure at GP location, (c) Sub-Block equipment failure, (d) OFC backbone/ring failure, and (e) S-NOC equipment failure. Further, please clarify whether different MTTR norms shall apply for remote, forest, hilly, border, inaccessible, or difficult terrain locations. Kindly also specify the	No Change. All SLA measurement, exclusion approval, MTTR computation, and penalty calculations shall be carried out as per the methodology defined in the RFP and subsequent corrigenda

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					exemptions/exclusions applicable for third-party damages, force majeure events, power failures, and delays attributable to statutory authorities.	
18	Introduction	Section 2.2	Clause C-Part-1	Acquisition and Upgradation of BharatNet Phase-I Network and O&M of Existing Phase-I & II Network	Existing OFC health report, OTDR, splice loss, fiber utilization before takeover Kindly provide route-wise OFC health reports, OTDR reports, splice loss reports, fiber utilization details, and active equipment health status of the existing BharatNet Phase-I and Phase-II network prior to Handing Over & Taking Over (HoTo).	Existing infrastructure details already in the part of annexure list, the OFC health, Splice loss are not static and may vary hence will be part of HoTo process.

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19	Introduction	Section 2.2	Clause 2.2	Scope of Work – Acquisition, Upgradation, Integration and O&M of BharatNet Network	Kindly clarify whether any future capacity augmentation, network expansion, addition of active equipment, increase in bandwidth requirements, enhancement of GP/Sub-Block capacities, or deployment of infrastructure beyond the quantities specified in the BoQ shall be treated as a Change Request/Variation and compensated separately. Further, please clarify the approval process, applicable rates, and payment mechanism for such future capacity upgrades during the implementation and O&M period.	Refer the clause 5.23.3.2 (a), and 5.15- 52(cc) the Change Request clause for detail.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
20	Annexure & Formats	Annexure XXXVII	Annexure XXXVII	GIS, RFMS and Existing Network Data	Kindly clarify whether GIS layers, KML/KMZ files, DGPS coordinates, route index diagrams, route maps, RFMS data, and as-built records of the existing BharatNet Phase-I and Phase-II infrastructure shall be provided to the successful bidder before commencement of survey and design activities. Further, please confirm whether the GIS data shall include OFC route alignment, joint locations, shelter locations, GP locations, active equipment inventory, and fibre utilization details. In case such data is unavailable or found to be inaccurate during execution,	Available records, RFMS data, as-built drawings, inventory records, and related documentation shared in annexure in master RFP on portal. The successful PIA shall verify, validate, reconcile, update, and maintain network records, GIS data, RFMS information, and as-built documentation as part of the project scope. Any discrepancies identified during execution shall be resolved through field verification and record reconciliation by the PIA in accordance with the provisions of the RFP with IE/GFGNL official.

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					kindly clarify the responsibility for re-survey and reconciliation of network records.	
21	Fact Sheet	Page 22 of 589	v) Fact Sheet	19. Contract Duration 10 Years (3 Years of Implementation(As per Project timeline section), 10 Years of Operation and Maintenance) from the date of assigning workorder	We understand that O&M shall start from respective Go-Live of the GPs and overall contract duration shall be capped at 10 years starting from Contract Signing (including 3 years of Implementation) similar to other DBN Projects which are under implementation clusterwise pan India. Please clarify	Clause is self explanatory. Please refer the Master RFP published with Corrigendum for this clause clarification

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
22	Fact Sheet	Section 6 Page 256 of 589	6.2 PROJECT TIMELINE S	6.2 PROJECT TIMELINES *Milestone (I) - T0+ 180 Days - Aggregate commissioning of 12% GPs in a ring visible on the S-NOC *Milestone (II) -T0+ 360 Days - Aggregate commissioning of 40% GPs Phase-I in a ring visible on the S- NOC *Milestone (III) - T0+ 540 Days - Aggregate commissioning of 60% GPs in a ring visible on the S-NOC *Milestone (IV) - T0+ 720 Days -Aggregate commissioning of 80% GPs in a ring visible on the S-NOC *Milestone (V) - T0+ 900 Days - Aggregate commissioning of 100% GPs in a ring visible on the S-NOC	We request you to amend the project milestone timelines as below: *Milestone (I) - T0+ 180 Days 270 Days - Aggregate commissioning of 12% GPs in a ring visible on the S-NOC *Milestone (II) -T0+ 360 Days 450 Days - Aggregate commissioning of 40% GPs Phase-I in a ring visible on the S- NOC *Milestone (III) - T0+ 540 Days 720 Days - Aggregate commissioning of 60% GPs in a ring visible on the S-NOC *Milestone (IV) - T0+ 720 Days 840 Days - Aggregate commissioning of 80% GPs in a ring visible on the S-NOC *Milestone (V) - T0+ 900 Days 1050 Days -	No change. The provision shall remain as per the RFP.

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					Aggregate commissioning of 100% GPs in a ring visible on the S-NOC	

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23	Instruction to Bidders	Section-4 Page 104 of 589	4.67 APPENDIX -1 - CRITICAL INSTRUCTIONS TO BIDDER	The following cases may also be considered for Banning of business: (a) If there is strong justification for believing that the proprietor, manager, MD, Director, partner, employee or representative of the vendor/ supplier has been guilty of malpractices such as bribery, corruption, fraud, substitution of tenders, interpolation, misrepresentation with respect to the contract in question. (b) If the vendor/ supplier fails to execute a contract or fails to execute it satisfactorily beyond the provisions of Para 4.1 & 4.2. (c) If the vendor/ supplier fails to submit required	Since other necessary precautionary steps are available against a defaulting PIA such as forfeiture of PBG, imposing LDs, showcase notices etc, It is requested to kindly remove the Banning Clause & change as follows <i>GFGNL shall under above such circumstances shall engage to terminate PO/ WO/forfeiture of PBG or impose of LD as deemed.</i> Banning of business for 3 years which implies Barring further dealing with the vendor for procurement of Goods & Services including participation in future tenders	No change. The provision shall remain as per the RFP.

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				documents/ information, where required. (d) Any other ground which in the opinion of GFGNL is just and proper to order for banning of business dealing with a vendor/ supplier. Action to be taken: i) Banning of business for 3 years which implies Barring further dealing with the vendor for procurement of Goods & Services including participation in future tenders invited by DST/GFGNL for 3 years from date of issue of banning order.	invited by DST/GFGNL for 3 years from date of issue of banning order.	

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24	Instruction to Bidders	Section 4 Page No. 70	4.37 Easements, Permits, Licenses and other Facilities	The PIA shall obtain at its own cost, all easements, permits and licenses, required to execute the contract including but not limited to following: a. "Right of Way" easements and permits. b. Railway, Highway, Forest and other Authorities crossing permits including bridge. c. Canal/stream crossing permits. d. ROW PIA shall pay applicable charges against the demand note/ estimate raised by the concerned authorities. PIA shall submit the copies of the proof of payment along with the invoices for reimbursement. II. No extra charges will be paid to the bidders for pursuance	Kindly modify this clause such that the Procuring entity shall engage to provide all necessary easements, permits and licenses necessary to do on-ground work including following for which the payment to the concerned authorities shall be provided by GFGNL against the demand note/estimate raised by the concerned department. Hence this clause need to be modified as follows; "Bidder shall support the procuring authority GFGNL for follow ups and coordination with the concerned authorities for expediting such Permits/Licenses/RoWs, However	For better clarity, bidder is advised to refer the clause 5.22 in details and other provisions mentioned in the RFP.

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				of easements, permits, RoW etc. from the different local authorities.	Payments for the above activities will be borne by GFGNL only"	

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
25	Instruction to Bidders	Section 4 Page No. 70	4.37 Easements, Permits, Licenses and other Facilities	VI. At locations where the optical fiber cable trench is routed across or along railways or roads the bidder shall without extra cost provide and maintain such detours and road controls as are required by the railways or government or local agencies having jurisdiction.	We understand the PIA/Bidder will be paid as per the actual RKM of OFC laid/implemented as per the quoted unit rates. Please confirm.	The execution payment shall be made based on actual executed quantities (RKM), duly measured, verified, and accepted by IE and GFGNL, as per the approved unit rates and terms and conditions of the RFP document. However, the bidder is advised that all associated activities, including provision and maintenance of detours and road control measures required during planning & execution, shall be deemed included in the quoted unit rates and no separate payment shall be permissible for the same.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
26	SLA & Penalty	Section 7 Page 272 of 589	7.3 CONSTRUCTION PHASE	(i) All the Gram Panchayats (GPs) should be connected as per the scope of work defined and Project Completion Schedule. The Penalties applicable for not meeting the Milestones are as below: (ii) Should the PIA fail to achieve the defined Project Milestone within the period prescribed clause in above section, GFGNL, without prejudice to other remedies available to it shall be entitled to recover, as agreed, liquidated damages (LD) as follows: a) at a sum equivalent to 0.5% of the value of incomplete GPs as per milestone for	It is requested to kindly amend the clause as follows: (ii) Should the PIA fail to achieve the defined Project Milestone within the period prescribed clause in above section, GFGNL, without prejudice to other remedies available to it shall be entitled to recover, as agreed, liquidated damages (LD) as follows: a) at a sum equivalent to 0.5% 0.25% of the value of incomplete GPs as per milestone for each week of delay or part thereof for a period up to 10 (TEN) weeks, and thereafter	No change. The provision shall remain as per the RFP.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
				each week of delay or part thereof for a period up to 10 (TEN) weeks, and thereafter b) at the rate of 0.7% of the value of the incomplete GPs as per milestone for each week of delay or part thereof for another 10 (TEN) weeks of delay. (LD is capped at 12% of package cost). c) The Value of incomplete GP for the purpose of calculation of LD shall be taken as equal to the Total Project Cost (PO Value excluding O&M charges) divided by the number of GPs as per SOR.	b) at the rate of 0.7% 0.35 % of the value of the incomplete GPs as per milestone for each week of delay or part thereof for another 10 (TEN) weeks of delay. (LD is capped at 12% 10% of package cost).	

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
27	SLA & Penalty	Section 7 Page 286 of 589	7.10.2.7 MTTR PENALTY	d) Maximum penalty ceiling for any particular site / location shall be equal to 20% of the total quarterly OPEX charges to be paid for respective site.	We request you to please amend the overall SLA capping as: d) Maximum penalty ceiling for any particular site/location shall be equal to 20% 10% of the total quarterly OPEX charges to be paid for respective site.	Refer the Clause amended in Master RFP in Corrigendum-V
28	SLA & Penalty	Section 7 Page 286 of 589	7.10.2.7 MTTR PENALTY	d) Maximum penalty ceiling for any particular site / location shall be equal to 20% of the total quarterly OPEX charges to be paid for respective site.	We request you to please amend the overall SLA capping as: d) Maximum penalty ceiling for any particular site / location shall be equal to 20% 10% of the total quarterly OPEX charges to be paid for respective site.	Refer the Clause amended in Master RFP in Corrigendum-V

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
29	SLA & Penalty	Section 7 Page 272 of 589	7.3 CONSTRUCTION PHASE	Sr no ii.d) L.D. on subcontracted works: If the achievement of a milestone is delayed due to any sub-contracted work, the applicable penalties/LD shall be twice the penalties mentioned in Section 7.3. (LD is capped at 24% of package cost).	We request deletion of the clause pertaining to LD on subcontracted works. As all activities fall under the responsibility of the PIA, and milestone-based LD is already applicable at the overall project level, this results in duplication of penalties. Further, this provision is not in line with earlier Pan India / State-level BharatNet tenders, where LD on subcontracted portions is not applied separately.	No change. The provision shall remain as per the RFP.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
30	SLA & Penalty	Section 7 Page 272 of 589	7.3 CONSTRUCTION PHASE	Note: d. If the achievement of a milestone is delayed due to any sub-contracted work, the applicable penalties/ LD shall be twice the penalties mentioned in above table for respected milestone.(LD/ Penalty is capped at 25% of total GP CAPEX of respective package value.)	Please confirm the applicability of Liquidated Damages (LD) on subcontracted works. We observe that the LD capping specified under subcontracting/related clauses (capped at 25%) appears to be in contradiction with the LD cap mentioned for subcontracted works earlier (Sr. No. ii, Point d), which is capped at 24%. Kindly clarify which one to consider	Refer the Clause amended in Master RFP in Corrigendum-V

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
31	SLA & Penalty	Section 7.10.2.19 Page 294 of 589	7.10.2.19 PROCESS TO MEASURE THE SLA AND PENALTY	Notes: a). The quarterly operational penalty shall be capped at 20% of the actual valid invoice value for the respective quarter for the clauses mentioned above. However, in the event that this cap of 20% is reached for two consecutive quarters during the contract period, the Tenderer shall have the right to either, initiate contract termination proceedings on account of sustained non-performance; or at its discretion, extend the penalty cap to 40% of the quarterly invoice value for the subsequent two quarters. Further, If performance does not improve during	Kindly amend the SLA capping as below: The quarterly operational penalty shall be capped at 20% 10% of the actual valid invoice value for the respective quarter for the clauses mentioned above. However, in the event that this cap of 20% 10% is reached for two three consecutive quarters during the contract period, the Tenderer shall have the right to either, initiate contract termination proceedings on account of sustained non performance; or at its discretion, extend the penalty cap to 40% 15% of the quarterly invoice	Refer the Clause amended in Master RFP in Corrigendum-V

Sr. N o	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
				this extended period, the Tenderer may proceed with termination of the contract.	value for the subsequent two three quarters. Further, if performance does not improve during this extended period, the Tenderer may proceed with termination of the contract.	

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
32	Financial Bid	Section 8 Page 324 of 589	8.4 Rights to Vary Quantities	ii). Additional quantities up to 50% of works contained in the running tender/ contract can be ordered during the contract execution stage or within a period of twelve months (earliest one) from date of commissioning of 90% of GPs (and 100% blocks) at the same rate or a rate negotiated (downwardly) with the existing contractors considering the reasonability of rates based on prevailing market conditions and the impact of reduction in taxes and material/services to be obtained within time period scheduled afresh.	Considering the long duration of the project implementation kindly note that OEMs/Contracted works will not uphold the prices for more than 3 years due to various factors like supply-demand issues, commodity price escalations, exchange rate variation etc. Hence kindly amend the clause as follows: "Additional quantities up to 50% of works contained in the running tender/ contract can be ordered within 15 months from the date of PO during the contract execution stage or within a period of twelve months (earliest one) from	No change. The provision shall remain as per the RFP.

Sr. N o	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					date of commissioning of 90% of GPs (and 100% blocks) at the same rate or a rate negotiated (downwardly) with the existing contractors considering the reasonability of rates based on prevailing market conditions and the impact of reduction in taxes and material/services to be obtained within time period scheduled a fresh."	

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
33	Financial Bid	Section 8 Page 324 of 589	8.4 Rights to Vary Quantities	iii). In exceptional situation where the requirement is of an emergent nature and it is necessary to ensure continued works from the existing contractors, GFGNL reserves the right to place repeat order up to 100% of the quantities of material/ services contained in the running tender/ contract during the contract execution stage or within a period of twelve months from the date of completion of project at the same rate or a rate negotiated (downwardly) with the existing contractors considering the reasonability of rates based on prevailing market conditions	In case of emergency situation request to kindly consider the rate as per mutually agreed upon based on the prevailing rates and amend the clause as follows: "In exceptional situation where the requirement is of an emergent nature and it is necessary to ensure continued works from the existing contractors, GFGNL reserves the right to place repeat order up to 100% of the quantities of material/ services contained in the running tender/ contract during the contract execution stage or within a period of twelve months from the date of completion of project at the	No change. The provision shall remain as per the RFP.

Sr. N o	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
				and the impact of reduction in duties and taxes etc.	same rate or a rate negotiated (downwardly) at mutually agreed upon rates with the existing contractors considering the reasonability of rates based on prevailing market conditions and the impact of reduction in duties and taxes etc"	

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
34	Instruction to Bidders	Section 4 Page 95 of 589	4.62 Fall Clause	b. GFGNL, for the extended period, if any, will determine and intimate the new price, taking into account various related aspects such as quantity, geographical location etc., and the date of its effect for the balance works to the vendor. In case the vendor does not accept the new price to be made applicable during the extended period and the date of its effect, GFGNL on behalf of USOF, DoT shall have the right to terminate the contract without accepting any further works. This termination of the contract shall be at the risk and responsibility of the Contractor and GFGNL reserves the	We would like to bring to your kind attention that due to increase in prices of semiconductors, it is very difficult to keep the same prices for long duration. Therefore we request you to kindly amend the clause as follow: GFGNL, for the extended period, if any, will determine and intimate the new price, taking into account various related aspects such as quantity, geographical location etc., and the date of its effect for the balance works to the vendor. The prices will be decided based on mutual discussion and agreement between GFGNL & PIA.	No change. The provision shall remain as per the RFP.

Sr. N o	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
				right to give work order for the balance works at the risk and cost of the defaulting vendor besides considering the forfeiture of its performance security.		

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
35	Instruction to Bidders	Section 4.32 Page 74 of 589	4.32 Third Party Damage	a) If the PIA damages other Private Service provider's cables /sewage line/ Government or public properties, such as electricity cable or roads etc., the damage charges/penalty will be paid by the PIA only as per the claim of such third party. GFGNL/DIGITAL BHARAT NIDHI(DBN), DoT will not be liable to pay any penalty or any damage charges made by the PIA as per the indemnity clause below:	It is requested to kindly confirm whether equipments theft, deliberate fiber cuts, fiber damage by any third party will be taken care by GFGNL and suitable time and cost compensation due to the above causes will be duly provided by GFGNL.	No change. The provision shall remain as per the RFP.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
36	Instruction to Bidders	Section 4 Page 81 of 589	4.41 TERMINATION FOR DEFAULT	XI. Termination for Convenience: GFGNL on behalf of DIGITAL BHARAT NIDHI(DBN), DoT, may, by prior written notice sent to the contractor at least 03 months in advance, terminate the Contract, in whole or in part at any time for its convenience. The notice of termination shall specify that termination is for DIGITAL BHARAT NIDHI(DBN), DoT's/ GFGNL's convenience, the extent to which performance of work under the Contract is terminated, and the date upon which such termination becomes effective	We understand, in case of termination as per direction from DIGITAL BHARAT NIDHI(DBN), DoT kindly confirm that the PIA shall be paid 100% amount of the items supplied and for services delivered as on date of termination including Work in progress at site. Further as per price schedule there is no separate supply and services defined. Hence request to define the guidelines for working out the split between supply and service scope.	No change. The provision shall remain as per the RFP.
37	Additional Clause	Additional Queries		OFC Route Quantity and BOQ	Please provide block-wise OFC KM and fibre-wise breakup (24F/48F/96F/ADSS).	Bidder may send their representative to sign the NDA accordingly GIS data may be shared.

Sr. N o	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
38	Additional Clause	Additional Queries		Revenue Village Connectivity	Please clarify payment mechanism for 4,141 villages connected on demand	Refer the clause 5.18(x), (xi) and (xii) for clarity
39	Additional Clause	Additional Queries		Existing Asset Health	Please clarify liability for defective inherited assets	PI see preceding response

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
40	Eligibility Criteria	Page 34 & 35	3.1 (a)	The Sole or lead bidder (in case of consortium) or any one consortium member should have demonstrable experience with following in last 10 Years, as on this bid submission date: i) For Optical Fibre: a) The Sole or lead bidder (in case of consortium) or any one consortium member/s should have experience / Technical Capacity of having executed EPC OFC Network Construction project consisting of 24 or more core Under Ground OFC (to be calculated as per formula defined below) in the last 10 years (from bid submission date) within India, for at least as	Request authority to accommodate the experience of EPC Bidders similar to the turnover clause where technical experience of EPC in underground utility (OFC or Power or Pipeline or GAS or other utility) in running Kms is taken into consideration as part of technical evaluation as the nature of works is similar to OFC laying and maintenance. The consortium should have any one of the partners in the line of business inorder to maintain the relevance and sanctity of the works undertaken by the Bidder/Consortium.	No change. The provision shall remain as per the RFP.

Sr. N o	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
				per table details mentioned in Appendix # A. • The EPC OFC Construction project execution shall consist of both Supply of all material and Construction of OFC Network,i.e., For underground (UG) activities, experience related to individual components such as separate OFC construction activities (e.g., trenching & ducting (T&D), horizontal directional drilling (HDD)), OFC laying, ducts, etc., shall not be considered independently. Only the total executed OFC length (in km) under EPC mode shall be considered for experience evaluation		

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
41	Eligibility Criteria	Page 34 & 35	3.1 (a)	The Sole or lead bidder (in case of consortium) or any one consortium member should have demonstrable experience with following in last 10 Years, as on this bid submission date: i) For Optical Fibre: a) The Sole or lead bidder (in case of consortium) or any one consortium member/s should have experience / Technical Capacity of having executed EPC OFC Network Construction project consisting of 24 or more core Under Ground OFC (to be calculated as per formula defined below) in the last 10 years (from bid submission date) within India, for at least as	Request the authority to accommodate the clause change as below; The Sole Bidder or lead bidder in case of consortium, the members jointly should have demonstrable experience with following in last 10 Years, as on this bid submission date: i) For Optical Fibre: a) The Sole or lead bidder (in case of consortium) or any one consortium member/s should have experience / Technical Capacity of having executed EPC OFC Network Construction project consisting of 24 or more core Under Ground OFC (to be calculated as per	No change. The provision shall remain as per the RFP.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
				per table details mentioned in Appendix # A.	formula defined below) in the last 10 years (from bid submission date) within India, for at least as per table details mentioned in Appendix # A.	
42	Additional Clause	Additional Queries		Payment Terms	Provide milestone-wise payment and retention details.	Refer clause 6.4 for better clarity
43	SLA & Penalty	Section 7 Page 274 of 589	7.6 Penalty for Cutting / Damaging the Old Cable	a) During excavation of trench, utmost care is to be taken by the bidder, so that the existing underground cables of GFGNL are not damaged or cut. In-case any damage/ cut is done to the existing cables of GFGNL, a penalty as per the schedule given below will be charged from the bidder or the amount will be deducted from his running bills.	It is requested to kindly provide the OFC route map or L14 Diagram for OFC Route so that proper estimation for route can be done	We have already provided all GP list with LGD code and asset details in separate spreadsheets/Annexures. In case, anything more than network related information is required, Please send your authorized person with NDA signed.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
44	Scope Of Work	Section 5 Page 125 of 589	5.1 Scope of Work	c) Upgradation: To upgrade the existing network infrastructure from linear to IP-MPLS based ring topology across GPs and Block locations.	It is requested to kindly clarify that Bidder shall not be responsible for the issues in the existing Linear network across GP. Also, the delay caused due to any issues with the existing Linear network will not lead to levy of penalty to the bidder. The Bidder scope is limited to upgrade from Linear to IP-MPLS based ring topology for existing network. Kindly confirm.	Bidder will be responsible for both existing GPON network O&M till the migration of newly deployed IP-MPLS network. Further, once migrated it will be sole responsibility of the selected bidder to do the O&M of entire network of newly deployed IP-MPLS network.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
45	SLA & Penalty	Section 7 Page 292 of 589	7.10.2.16 PENALTY ON SPARE NON- AVAILABILITY	iii). In case any equipment is not repairable due to non-availability of the spares, PIA shall replace the supplied products with equal or upgraded/ higher version during life time of contract (10 years) at free of cost.	We recommend to clearly include Schedule for providing Mandatory Contract Spares for the O&M period which shall be delivered at the time of supply of the equipments. Any spare requirement over and above the defined mandatory spare list shall be procured separately by the purchaser from the OEM directly. Incase of any extension of the project beyond 10 years PIA shall not be responsible for spares or replacement of products.	Bidders are advised to refer the query answered in the Corrigendum-V / refer the Master RFP for better clarifications Updated Clause: The Bidder has to consider average approximately 2% in Phase-II and 7% for Phase-I network(indicative and may vary on field, geographical and environmental situation)failure rate of active elements infrastructure. Accordingly, Bidder has to arrange the spare equipments. Bidder has to evaluate the network at the time of onboarding and upgrade the network strength with latest elements, Bidder will be solely responsible for SLA achievement. Note: EoSS expired for all active elements of Phase-I network

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
46	Instruction to Bidders	Section 4 Page 111 of 589	4.73 SUB-CONTRACTS FOR SERVICES	VI. The no. of Subcontractors shall be limited to maximum 15.	Considering the large geographical span and complexity of the Project, we request not to restrict nos of sub-contractors to be deployed by the PIA. However, PIA shall duly inform GFGNL about the details of sub-contractors to be deployed at site.	No change. The provision shall remain as per the RFP.
47	Instruction to Bidders	Section 4 Page 112 of 589	4.73 SUB-CONTRACTS FOR SERVICES	The eligibility conditions for the Subcontractors shall be at least 50% of the proportionate technical eligibility mentioned in Eligibility Experience Criteria (Sr. No.- 4-OFC Project/ OFC O&M / active elements works of project/O&M) in appendix-A for the proposed subcontracted works other than material supplies. And for	Considering the large and complex scope to be delivered in a time bound manner, we request GFGNL to confirm that the eligibility conditions for the sub-contractor shall be at least 10% of the proportionate mentioned in eligibility criteria for the proposed subcontracted works other than material supplies.	No change. The provision shall remain as per the RFP.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
				shelter infrastructure minimum 100+ shelter with ITC(Installation,testing, commissioning),or maintenance of Shelters /porta cabin to telecom/IP infrastructure provider/Tower Shelter, electrical work, Civil work related with Telecom/IT Site etc		
48	Instruction to Bidders	Section 4 Page 81 of 589	4.41 TERMINATION FOR DEFAULT	XII. GFGNL reserves the right to discontinue the contract any time in future depending upon directions from DIGITAL BHARAT NIDHI(DBN), DoT	We understand, In case of termination as per direction from DIGITAL BHARAT NIDHI(DBN), DoT kindly confirm that the PIA shall be paid 100% amount of the items supplied and for services delivered as on date of termination including Work in progress at site.Further as per price schedule there is no separate supply and services defined.	No change. The provision shall remain as per the RFP.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					Hence request to define the guidelines for working out the split between supply and service scope.	
49	Instruction to Bidders	Section 4 Page 81 of 589	4.41 TERMINATION FOR DEFAULT	XII. GFGNL reserves the right to discontinue the contract any time in future depending upon directions from DIGITAL BHARAT NIDHI(DBN), DoT	Further as per price schedule there is no separate supply and services defined. Hence request to define the guidelines for working out the split between supply and service scope. Alternatively, we request you to amend the price schedule and allow bidder to quote prices for Supply & Services separately so that prices for each type of activity can be discovered through this bid process.	No change. The provision shall remain as per the RFP.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
50	Instruction to Bidders	Section 4 Page 81 of 589	4.41 TERMINATION FOR DEFAULT	XII. GFGNL reserves the right to discontinue the contract any time in future depending upon directions from DIGITAL BHARAT NIDHI(DBN), DoT	PIA shall be given atleast 6 months notice and should be covered for all cost incurred in such scenario. Kindly confirm	No change. The provision shall remain as per the RFP.
51	Instruction to Bidders	Section Page 74 of 589	4.32 THIRD PARTY DAMAGE	I. If the PIA damages other Private Service provider's cables /sewage line/ Government or public properties, such as electricity cable or roads etc., the damage charges/penalty will be paid by the PIA only as per the claim of such third party. GFGNL/DIGITAL BHARAT NIDHI (DBN), DoT will not be liable to pay any penalty, or any damage charges made by the PIA as per the indemnity clause below:	It is requested to kindly confirm whether equipments theft, Intentional fiber cut, fiber Damage by any third party will be taken care by GFGNL and suitable time and cost compensation due to the above will be provided by GFGNL.	No change. The provision shall remain as per the RFP.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
52	Instruction to Bidders	Section Page 74 of 589	4.33 UTILITIES	a. Existing utilities and roads: Notwithstanding anything to the contrary contained herein, the PIA shall ensure that the Government Instrumentalities owning the existing roads, right of way or utilities, on, under or above the Site (Route) of the New Network and/or the Existing Network are enabled by it to keep such utilities in continuous satisfactory use, if necessary, by providing suitable temporary or permanent diversions with the authority of the controlling body of that road, right of way or utility, and shall initiate and undertake at its own cost, legal proceedings for acquisition of any ROW necessary for such diversion.	Kindly modify the clause incorporating the following. 1. PIA shall not be held responsible for delay in obtaining Row permission. 2. All Statutory fees including Demand Draft in form of DD or BG to be directly submitted in name of the Tendering Authority. 3. Bidder's responsibility shall be limited to do the follow up and coordination for the purpose of documentation only. Authority will also facilitate RoW clearance with various agencies with cost compensation for RoW upon producing relevant documents.	For the better clarity, bidder is advised to refer, RoW bidder is advised to refer the clause-5.22 for better clarity.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
53	Instruction to Bidders	Section Page 74 of 589	4.33 UTILITIES	a. Existing utilities and roads: Notwithstanding anything to the contrary contained herein, the PIA shall ensure that the Government Instrumentalities owning the existing roads, right of way or utilities, on, under or above the Site (Route) of the New Network and/or the Existing Network are enabled by it to keep such utilities in continuous satisfactory use, if necessary, by providing suitable temporary or permanent diversions with the authority of the controlling body of that road, right of way or utility, and shall initiate and undertake at its own cost, legal	We understand that power supply (including provision of electrical connection and associated charges) will be in the scope of GFGNL. Kindly confirm our understanding.	Kindly Refer the clause, 5.2-ii-b-ix. for detail, However, same is reproduce here for reference, " <i>State/SIA will support space and raw power supply requirements for the equipment to be installed at GP as well as telecom grade existing shelters in BharatNet Phase-II and in phase-I BSNL exchanges for ABP. However, It is the responsibility of GFGNL/local authorities to provide space and power source including their recurring bills. The extension of power cable from nearby raw power supply, applicable power cabling and electrical and other safety of equipment will be in the scope of PIA.</i> "

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
				proceedings for acquisition of any right of way necessary for such diversion.		
54	Scope Of Work	Section 5.2 Page 131 of 589	5.2 DETAILED SCOPE OF WORK	xii).The PIA shall replace the existing GPON equipment with IP-MPLS routers (Access/ Aggregator)	It is requested to kindly clarify: 1.PIA has to dismantle the existing GPON equipments & handover it to GFGNL which require the dismantling services along with the transportation cost. It is requested to kindly clarify the guideline for handing over these GPON equipments to the GFGNL warehouses. 2. Please confirm that in case GFGNL is not taking handover within 1 week the PIA shall have the right to dispose off the equipment. Kindly confirm.	Refer the clause (5.2 -ii- Note-xii-(i))in master RFP on clarification sought.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
55	Scope Of Work	Section 5 136	5.5.1	Ring architecture using IP-MPLS	Clarify redundancy requirement. Whether dual-homing is mandatory at GP and Sub-block levels.	Refer the fibrization design principle and scope of work mentioned in the RFP carefully for more clarifications
56	Scope Of Work	Section 5 137	5.6	fiberization Principles	Clarify minimum fibre core allocation per GP for scalability	Refer the table 5.6.1 and 5.6.2 for better clarifications
57	Scope Of Work	Section 5 167	5.14	IP-MPLS routers (Block/GP)	Confirm whether Segment Routing (SR-MPLS) is mandatory or optional	SR-MPLS shall be mandatory
58	Scope Of Work	Section 5 169	5.15	S-NOC implementation	Confirm whether existing NMS/EMS of Phase I & II must be reused/integrated	Successful Bidder shall take the handover of the existing system as is where is basis as per NOC delivery timeline, it is bidder's responsibility to migrate the existing system to new single platform for better monitoring performance parameter of existing and new network devices.
59	Scope Of Work	Section 5 213- 215	5.23	Spare Inventory Requirement	Kindly confirm mandatory spare holding requirement and locations.	Kindly refer preceding response alongwith master RFP

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
60	Technical Specifications		XI	Dual Rectifier with double conversion including inbuilt stabilizer with range 110V – 280V and mechanism to provide protected environment to switchover	The specification mentions "Dual Rectifier with double conversion". Kindly clarify whether the requirement is for a dual rectifier with a single inverter architecture or a dual rectifier with dual inverter architecture (fully redundant system). The requirement may please be defined clearly to avoid ambiguity and enable offering of suitable solutions. We wish to submit that a true online double conversion UPS inherently provides Automatic Voltage Regulation (AVR) and complete isolation of the load from input voltage fluctuations. Therefore, no additional voltage	Bidders are advised to refer the query answered in the Corrigendum-V / refer the Master RFP for better clarifications

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					stabilizer is required. Provision of a separate voltage regulator/stabilizer will unnecessarily increase the system cost	
61	Technical Specifications	Detailed Technical Specifications of following Network components are mentioned in Annexure-B		UPS for Villages	Please confirm the specification and the load connected with UPS in village level	Bidders are advised to refer the query answered in the Corrigendum-V / refer the Master RFP for better clarifications
62	Technical Specifications	XI. Minimum Technical specifications for Uninterrupted Power Supply (UPS) System at GP	Point No. 28	UPS for GP - Recharge time -6-8 hours	We wish to submit that the specified recharge time of 6-8 hours for Li-ion batteries is achievable under ideal operating conditions. However, at GP (Gram Panchayat) locations, the utility power supply is often unstable and subject to frequent interruptions and voltage fluctuations, which may adversely affect the charging	No change. The provision shall remain as per the RFP.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					process. Since the system is required to provide 6 hours of backup at full load, a longer recharge duration is essential to ensure complete battery charging and reliable operation under field conditions. Therefore, we request you to kindly revise the battery recharge time specification from 6–8 hours to 8–10 hours, which would be more practical and suitable for actual site conditions without affecting system performance and availability.	
63	Financial Bid	8.1 SCHEDULE OF REQUIREMENTS (SOR)		10.3 .Online UPS (2KVA) with 4 Hrs backup provisions at Block locations with accessories including installation, integration, testing	Please confirm the specification and the load connected with UPS in block level	Bidders are advised to refer the query answered in the Corrigendum-V / refer the Master RFP for better clarifications, i.e., Clause stands deleted

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
				and commissioning with provision of MPPT Card including solar panels		
64	Technical Specifications	Pg No. 397 , Point No.20 ,	UPS	TEC GR Standard No.: TEC 66140:2019 with latest amendments, if any without any Hybrid functionality and including BMS features	As per your SOR point No. 10,Power System with backup provisions at GP locations with accessories including installation, integration, testing and commissioning with provision of slot for MPPT Card BUT excluding MPPT Card & solar panels. This is as per TEC GR 66160:2024. So it should be amended.	Bidders are advised to refer the query answered in the Corrigendum-V / refer the Master RFP for better clarifications

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
65	Technical Specifications		Clause: X. Remote Fibre Management System (RFMS)	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS Clause: X. Remote Fibre Management System (RFMS) Parameters - Wavelength Supported Specifications - 1650 nm, 1550 nm, 1310 nm	Query 1: As per TEC GR, Wavelength supported shall be 1625nm or 1650nm Certifications CE, CSA-UL, RoHS Query 2: As per certifications, CSA-UL is not applicable hence it shall be removed.	Bidders are advised to refer the query answered in the Corrigendum-V / refer the Master RFP for better clarifications
66	Additional Clause	Additional Queries		Shelter Readiness	Please clarify responsibility for power, civil and earthing infrastructure	For the Shelter, the responsibility of the PIA shall include SITC, Operation & maintenance and upkeep of power systems, rectifiers, SMPS, batteries, cabling, earthing systems, racks, shelters, air-conditioning , civil infrastructure, and associated passive infrastructure, and other elements necessary for operation of the BharatNet network. For better clarity refer the clause 5.12 in details

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
67	Additional Clause	Additional Queries		O&M SLA	Please provide detailed SLA matrix and penalty provisions	Bidders are advised to refer section-07 clauses in the Master RFP.
68	Additional Clause	Additional Queries		Additional Revenue Villages	Please clarify scope and payment mechanism for future additions	Bidders are advised to refer clauses 5.18 in the Master RFP carefully.
69	Additional Clause	Additional Queries		Inventory Verification	Please confirm physical verification of existing assets before bidding.	We have already provided all GP list with LGD code and asset details in separate spreadsheets/Annexures. In case, anything more than network related information is required, Please send your authorized person with NDA signed for sample base details without impacting bid submission date.
70	Additional Clause	Additional Queries		RoW Permissions	Kindly clarify RoW responsibility and extension provisions.	Kindly refer the clause 5.22 on detail clarity
71	Additional Clause	Additional Queries		Fibre Type Quantities	Kindly provide district-wise 24F/48F/96F/ADSS quantities.	Bidders are advised to refer annexure details. For any additional details bidder may send their representative to sign the

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
						NDA accordingly GIS data may be shared.
72	Additional Clause	Additional Queries		Price Variation Clause	Please clarify applicability of PVC during implementation and O&M.	Bidder is advised to refer the EI (Annexure-C) along with other terms and conditions for better clarity
73	Additional Clause	Additional Queries		Warranty and AMC	Please clarify OEM warranty and AMC requirements	Bidders are advised to refer clause 4.28 for better clarity
74	Technical Specifications	3. Usable Capacity/ Pg. 495	- The solution shall provide minimum 100 TiB (BASE 2) usable capacity, after applying protection mechanisms. - Usable capacity shall be without considering	<i>Request you to modify it as follows -</i> - The solution shall provide minimum 100 TiB (BASE 2) usable capacity, after applying Minimum 2 Copies of data/FTT1/RF2 protection mechanisms. - Usable capacity shall be without considering storage efficiencies like compression, deduplication and eraser coding. - Capacity shall support growth of GIS	Request you to modify this clause to ensure data availability and protection to withstand any disk or node failure.	Updated Clause: - The solution shall provide minimum 100 TiB (BASE 2) usable capacity, after applying protection mechanisms. - Usable capacity shall be without considering compression, deduplication, eraser coding without any overhead, any meta data - Capacity shall support growth of GIS (non-video) and NMS workloads.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
			compressi on/dedup lication. • Capacity shall support growth of GIS (non- video) and NMS workload s.	(non-video) and NMS workloads.		

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
75	Technical Specifications	4. Storage Architecture / Pg. 495	- Storage shall be software-defined and distributed across HCI nodes. - Support hybrid or all-flash configurations using SSD/NVMe drives. - Intelligent data placement and caching mechanisms shall be provided.	<i>Request you to modify it as follows -</i> - Storage shall be software-defined and distributed across HCI nodes. The HCI software should pool all Disks from all the nodes in the cluster to present a single storage resource pool to all the nodes in the cluster. The HCI storage should be a scale-out distributed storage. The cluster should Support hybrid or all-flash configurations using SSD/NVMe drives in the same cluster for required data growth in future. - Intelligent data placement and caching mechanisms shall be provided.	Request you to modify this point to GFGNL get pure software defined storage which can be broken down in different parts like compute and storage. Also offered solution should be flexible to accommodate more data for future growth.	No change. The provision shall remain as per the RFP.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
76	Technical Specifications	5. Data Protection & Resiliency/ Pg. 495	- The system shall ensure protection against minimum two simultaneous failures (disk/node). - Data protection shall be implemented using replication or erasure coding. No single point of failure shall exist across nodes, disks, or controllers.	Request you to modify it as follows - - The system shall ensure protection against minimum one simultaneous failures (disk/node). - Data protection shall be implemented using RF2 (Replication Factor =2 or FTT1 (Failures to Tolerate = 1). - No single point of failure shall exist across nodes, disks, or controllers.	RF2/FTT1 will provide the data availability in case of any disk or node failure. If GFGNL is looking for two simultaneous failures (disk/node), it requires minimum 5 nodes, whereas clause 2 mention as 4 nodes.	Updated Clause: - The system shall ensure protection against minimum one simultaneous failure (disk/node). - Data protection shall be implemented using replication or erasure coding. - No single point of failure shall exist across nodes, disks, or controllers.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
77	Technical Specifications	7. Hypervisor Support/ Pg. 495	- The platform shall support enterprise hypervisors such as VMware / Hyper-V / KVM. - Features shall include live migration , HA, and dynamic resource allocation - Hypervisor licensing shall be included (if proprietary).	Request you to modify it as follows - - The platform shall support minimum two enterprise hypervisors such as VMware / Hyper-V / KVM / AHV and also allow migration from above mentioned Hypervisor. Bidder need to submit the public URL document on the same. - Features shall include live migration, HA, and dynamic resource allocation. - Hypervisor licensing shall be included (if proprietary).	Multiple Hypervisor support will give flexibility to GFGNL to choose the different hypervisors in future to avoid lock-in. Request you to consider AHV to be listed in hypervisor list as Nutanix AHV is mature enterprise grade hypervisor available with substantial market share worldwide.	No change. The provision shall remain as per the RFP.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
78	Technical Specifications	9. Storage Features/ Pg. 496	- Support for thin provisioning, cloning, replication, QoS. - Compression and deduplication (optional but supported). - Policy-based storage management shall be available.	Request you to modify it as follows - - Support for thin provisioning, cloning, replication, QoS. The proposed solution should support Compression and deduplication from day-1. - Policy-based storage management shall be available.	This feature will allow GFGNL to leverage storage efficiencies if required for specific workload. Feature should be available from day-1, and GFGNL will decide to use this feature as and when required.	Updated Clause: - Support for thin provisioning, snapshots, cloning, replication, QoS. - Compression and deduplication without any overhead, any meta data - Policy-based storage management shall be available.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
79	Technical Specifications	11. Networking Requirements/ Pg. 496	- Each node shall support minimum 2 x 10/25/40/100 GbE interfaces . - Support for VLAN, network isolation and redundancy. - Internal cluster networking shall be optimized for storage traffic.	Request you to modify it as follows - - Each node shall support minimum 2 x Dual Port 10/25/40/100 GbE interfaces. - The solution should be offered with microsegmentation to provide workload-level security, application isolation, and policy-based control of east-west traffic, while benefiting from the resiliency. - Internal cluster networking shall be optimized for storage traffic.	Instead of relying primarily on VLAN-based segmentation, the solution uses microsegmentation to provide workload-level security, application isolation, and policy-based control of east-west traffic, while benefiting from the resiliency across the platform.	Updated Clause: Each node shall support minimum 2 Or Dual Port 10/25 interfaces.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
80	Technical Specifications	16. Security Features/ Pg. 496	• Encryption at rest and in transit. • Secure multi-tenancy support. • Compliance with standard IT security practices. • Secure key management (KMIP compliant optional).	Clarification required- • Secure multi-tenancy support.	Request you to clarify if GFGNL is looking for true multi-tenancy support the way hyperscalers offer.	To Clarify, "In HCI (Hyper-Converged Infrastructure), Secure Multi-Tenancy means the solution shall allowing multiple users, departments, customers, or department of phase-I(BSNL) & Phase-II (GFGNL)BharatNet to share the same HCI infrastructure while ensuring that each organizations/department data, network, workloads, and management access remain completely isolated and secure."No change. The provision shall remain as per the RFP.
81	Fact Sheet	V	FACT SHEET cl.no.12 page no.21	Bid Security/ Earnest Money Deposit (EMD) Amount Payable	ITI Limited being a Central PSU may be allowed to submit Bid Security Declaration in place of EMD. Alternately Corporate Guarantee may be allowed to be submitted	No change. The provision shall remain as per the RFP.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
82	Fact Sheet	V	FACT SHEET cl.no.12 page no.21	Bid Security/ Earnest Money Deposit (EMD) Amount Payable	EMD may be allowed to be submitted by any member of the consortium/split by consortium members and submit	No change. The provision shall remain as per the RFP.
83	Eligibility Criteria	3	3.1Prequalification criteria clause 2.1 page no.34	2.1 The Sole Bidder and In case of Consortium (combined turnover of lead bidder and Consortium member/s) should have an average annual turnover of at least following values in last three (3) audited financial years FY 2022-23, FY 2023-24, and FY 2024-25 or FY 2023-24, FY 2024-25, and FY 2025-26(non-audited may allowed) as per table details mentioned in Appendix # A	Considering the EMD value wrt to project value, the turnover requirement of the tender seems to be in higher side. Requested to reduce the turnover requirement inline with the estimated project cost and Govt. guidelines.	No change. The provision shall remain as per the RFP.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
84	Eligibility Criteria	3	3.1 subclause 3(1)a) Page No.35,36	Experience:The Sole or lead bidder (in case of consortium) or any one consortium member should have demonstrable experience with following in last 10 Years, as on this bid submission date: i) For Optical Fibre: a) The Sole or lead bidder (in case of consortium) or any one consortium member/s should have experience / Technical Capacity of having executed EPC OFC Network Construction project consisting of 24 or more core Under Ground OFC (to be calculated as per formula defined below) in the last 10 years (from bid submission date)	We understand that only experience pertaining to OFC network construction will be considered for satisfying the eligibility criteria. Kindly confirm	The Clause is self explanatory, Bidders are advised to refer the clause and Pre-eligibility criteria section carefully.

Sr. N o	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
				within India, for at least as per table details mentioned in Appendix # A		

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
85	Eligibility Criteria	3	3.1 subclause 3(1)b) Page No.35,36	For OFC O&M Experience: ii)The bidder should have satisfactorily completed in the last 10 years (from bid submission date) within India, the O&M of any OFC network of 24 or more Core Under Ground OFC [upto 40% of the O&M requirement can also be met through O&M of 24 or more core Aerial Fiber Cables (deployed in BharatNet by BBNL or state SPV)/ ADSS/ OPGW OFC, as required for EPC Network Construction capability mentioned above in (a), refer the table details mentioned in Appendix # A iii) ii) The bidder should	The requirement of UG & Ariel OFC in the clause is contradictory. We understand that the requirement of OFC network maintenance can be met by UG OFC (upto 40% of the O&M requirement may also be met through O&M of 24 or more core Aerial Fiber Cables)	The clause is self-explanatory. However, for more clarity, it is reiterated that the experience requirement shall primarily be considered for Operation & Maintenance (O&M) of Underground (UG) Optical Fiber Cable (OFC) with a fiber count of 24F or higher. Further, in order to promote wider participation, it is clarified that if a bidder does not fully meet the prescribed UG OFC O&M experience criteria, up to 40% of the required O&M experience may be fulfilled through experience in aerial OFC O&M of 24F or higher fiber count. Such aerial OFC experience pertain to networks (deployed under BharatNet by BBNL or State SPVs)/ ADSS/OPGW OFC networks as required for

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
				have satisfactorily completed in the last 10 years (from bid submission date) within India, the O&M of any OFC network of 24 or more Core Under Ground OFC [upto 40% of the O&M requirement can also be met through O&M of 24 or more core Aerial Fiber Cables (deployed in BharatNet by BBNL or state SPV)/ ADSS/ OPGW OFC, as required for EPC Network Construction capability mentioned above in (a), refer the table details mentioned in Appendix # A		EPC Network Construction capability mentioned above in the RFP.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
86	Eligibility Criteria	Note 3	Note:3 Consortium Criteria: clause (xvi) Page No. 51	The award of contract shall be signed with the Lead Bidder only and the Lead Bidder shall be single Point of Contact for this Project. PBG shall be submitted by the Lead Bidder	PBG may be allowed to be submitted by any of the consortium member	No change. The provision shall remain as per the RFP.
87	Scope Of Work	Section 5.23.4	Network Inventory	Spare Inventory Requirements	Kindly provide the complete Table-OE (Spare Inventory Requirements) indicating item-wise spare inventory percentages applicable during both the Rollout and O&M phases.	Kindly refer preceding responses alongwith master RFP
88	Instruction to Bidders	Clause 4.37(i)	4.37(i)	Risk & Damage Responsibility	Kindly clarify the responsibility matrix for losses or damages arising from theft, vandalism, fire, flood, lightning, force majeure events, and other external causes before and after 100% Go-Live.	On clarification sought, It will be sole responsibility of the Bidder to safe and secure the BharatNet network from the day onboarding with the GFGNL till the entire contract duration. Bidder is also advised to refer the clause_4.45(IV)

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
89	Scope Of Work	O&M Section	Relevant Clause	Physical Damage to Equipment	After 100% Go-Live, if network equipment is physically damaged due to third-party activities, kindly clarify whether the cost of replacement/restoration shall be borne by GFGNL or the successful bidder.	The security and safety of network including active and passive network elements (H/w and Software) shall be core responsibility of the bidder.
90	Scope Of Work	Existing Infrastructure	Relevant Clause	Phase-I Infrastructure	Kindly provide details of the existing BharatNet Phase-I infrastructure, including OEM support status, warranty/support coverage, End-of-Life (EOL), and End-of-Support (EOS) information for deployed equipment.	It is bidder's responsibility to provide the uninterrupted safe services to all users.
91	Scope Of Work	Change Management	Relevant Clause	Change Request Payment	Kindly confirm that any Change Request approved by GFGNL and falling outside the original RFP scope shall be treated as additional	Kindly refer preceding response alongwith master RFP- refer the Change Request clauses

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					work and compensated separately at the discovered contract rates or mutually agreed rates.	
92	SLA & Penalty	Section VII	Clause 7.10	SLA Penalty Calculation	Kindly provide the detailed SLA penalty calculation methodology, including examples illustrating penalty computation for various SLA violations.	Refer the section 7 for better clarity
93	SLA & Penalty	Section VII	SLA Exclusions	SLA Exclusion Events	Kindly clarify whether outages resulting from power utility failures, local authority restrictions, road widening activities, railway crossing approvals/delays, natural calamities, and other events beyond the bidder's control shall be excluded from SLA calculations and penalty assessments.	No change. The provision shall remain as per the RFP.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
94	SLA & Penalty	Dark Fiber Lease	Relevant Clause	Third-Party Dark Fiber	Kindly clarify the applicability of SLA commitments and associated penalties for leased dark fiber infrastructure owned and maintained by third-party entities.	Refer Clause 7.10.2.9 (Newly: 7.9.2.9) and 14 for detail clarifications
95	Scope Of Work	Aerial-to-UG Conversion	Relevant Clause	Scope of Conversion Activities	Kindly clarify whether RoW charges, restoration charges, statutory approvals, permissions, and associated government fees required for aerial-to-underground OFC conversion are included within the bidder's scope and cost.	Kindly refer preceding response alongwith master RFP
96	Scope Of Work	Aerial-to-UG Conversion	Relevant Clause	Additional Conversion Requirement	Kindly confirm that the discovered contract rates shall remain applicable for any additional aerial-to-underground conversion requirements identified beyond the	Bidder shall refer the "Annexure-F" on required details

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					initial three-year implementation period.	
97	Scope Of Work	Aerial-to-UG Conversion	Relevant Clause	Technically Infeasible Routes	Kindly clarify the treatment of routes where underground conversion is technically infeasible. Please confirm the acceptable alternative deployment methodologies and applicable commercial provisions.	Refer the Alternate technologies clause and other terms and conditions in the RFP
98	Scope Of Work	Inventory Management	Relevant Clause	Inventory Loss at GFGNL Premises	Kindly clarify liability and compensation provisions for loss, theft, or damage of bidder-owned inventory stored at GFGNL premises or other government-designated locations.	All inventories supplied under the BharatNet Project shall remain the property of DBN/GFGNL. The PIA shall be solely responsible for the safety, security, custody, and proper storage of all such inventories against loss, theft, etc. throughout the contract period.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
99	Annexure & Formats	OEM Authorization / MAF	Relevant Clause	OEM Support Commitment	Kindly clarify whether all OEMs are required to provide support commitments for the entire 10-year contract period irrespective of product lifecycle declarations such as EOL/EOS.	Refer the RFP clause- 5.23.10 alongwith the details in MAF further, in case of EoL/EoS the bidder needs to replace the product with its equivalent or higher version in compliances with the RFP terms and conditions including the entire 10 years of contract period and consecutive extension.
100	Scope Of Work	OEM Support	Relevant Clause	End-of-Life Products	In the event an OEM declares a product as End-of-Life (EOL) or End-of-Support (EOS) during the contract period, kindly clarify the acceptable replacement, upgrade, and migration methodology along with the associated commercial implications.	PIA shall replace the supplied products with equal or upgraded/ higher version without any additional financial burden to GFGNL.
101	Instruction to Bidders	Termination Clause	Relevant Clause	Termination for Convenience	Kindly clarify the compensation mechanism for recovery of	No change. The provision shall remain as per the RFP.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					unamortized CAPEX investments in the event of contract termination for convenience by GFGNL.	
102	Instruction to Bidders	Liability Clause	Relevant Clause	Limitation of Liability	Kindly confirm that the bidder's aggregate liability under the contract shall be limited to the total contract value and shall exclude indirect, incidental, special, punitive, and consequential damages.	No change. The provision shall remain as per the RFP.
103	Instruction to Bidders	Performance Bank Guarantee	Relevant Clause	PBG Reduction Mechanism	Kindly clarify whether the Performance Bank Guarantee (PBG) value shall be reduced upon successful completion of rollout milestones, network stabilization, and commencement of the O&M phase. If yes, kindly provide	No change. The provision shall remain as per the RFP.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					the applicable reduction schedule.	
104	Scope Of Work	GP Shifting / Relocation	Relevant Clause	GP Relocation During Contract Period	The RFP provides compensation of ₹15,000 per location for shifting of electronics and accessories and ₹400 per meter for additional underground OFC work. However, the applicability of these provisions for Gram Panchayat (GP) relocation during implementation and O&M is not clearly defined. Kindly clarify and confirm the following: (a) Any GP relocation after commissioning and acceptance due to Government instructions or administrative reasons shall be treated as a Change Request and shall be outside the bidder's	Refer the Master RFP Clause : 5.23.2 with additional clause of (5.23.2- r)

Sr. N o	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					original scope of work. (b) All costs associated with such relocation, including CAPEX, OPEX, additional OFC, civil works, RoW charges, materials, installation, testing, commissioning, and restoration, shall be reimbursed separately by GFGNL. (c) The compensation provisions of ₹15,000 per location and ₹400 per meter of additional underground OFC work shall remain applicable throughout the entire contract period, including the 10-year O&M period. (d) Kindly clarify how the requirement of zero service downtime during shifting is expected to be achieved where	

Sr. N o	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					active equipment, OFC connectivity, or GP locations are physically relocated, and confirm that outages directly attributable to Government-directed relocation shall be excluded from SLA and penalty calculations. (e) Any delays arising from GP relocation, site readiness issues, RoW approvals, or delayed handover of new GP premises by Government authorities shall be excluded from milestone timelines, SLA measurements, and LD calculations, and corresponding extensions of time shall be granted.	

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
105	Scope Of Work	Section V	Page 133	Date of Becoming Operational	The RFP refers to the term "Date of Becoming Operational" for the purpose of AMC/O&M payments. Kindly clarify the exact definition of this date and confirm whether O&M/AMC payment eligibility shall commence from Site Acceptance, Go-Live, Cluster Acceptance, Final Acceptance, or any other milestone specified by GFGNL.	The "Date of Becoming Operational" shall mean the date on which the applicable scope is successfully commissioned, accepted, and declared operational by GFGNL/IE as per the acceptance procedure specified in the RFP. The same shall be considered as 100% go-live.
106	Scope Of Work	Section V	Relevant Clause	Last Mile Connectivity Scope	Kindly clarify the definition and scope of "Last Mile" under this RFP. Please confirm whether connectivity to private telecom operators, private ISPs, private enterprises, private individuals, FTTH subscribers, and other non-	The bidder shall be responsible only for the connectivity scope expressly defined in the RFP for GP and Revenue villages (Last Mile Connectivity). Connectivity to private telecom operators, private ISPs, private enterprises, FTTH subscribers, private individuals, and other

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					Government customers is excluded from the bidder's scope unless specifically ordered by GFGNL.	non-Government customers shall not form part of the mandatory scope unless specifically directed or approved by GFGNL under the provisions of the Contract like as O&M of Horizontal Customer connectivity mentioned in "Last mile enterprise connectivity" scope clause as per the
107	Scope Of Work	Section V	Relevant Clause	Existing Customer Delivery Fiber Cores	The RFP states that fiber cores used in existing customer delivery (Dark Fiber/FTTH Partner/RSP/Other Customer) shall be counted with customer name/ID and managed by the selected PIA. Kindly clarify whether complete customer-wise route details, fiber allocation records, splice diagrams, network topology, and as-built documentation	All available customer, network, RFMS, fibre allocation, route, and as-built records available with GFGNL shall be shared during handover. Discrepancies, undocumented connectivity, and missing records identified and recorded during joint verification. However, the successful PIA shall be responsible for maintaining accurate records, network reconciliation, and SLA compliance in accordance

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					shall be provided by GFGNL prior to takeover. Further confirm that any undocumented connectivity or discrepancies identified subsequently shall not attract SLA penalties on the bidder.	with the Contract for entire network
108	Scope Of Work	Section V	Page 157	Construction of New Shelter	Kindly clarify whether construction of new telecom shelters, including civil works, foundation, electrical infrastructure, earthing, utility connections, statutory approvals, and associated activities are within the bidder's scope. If included, kindly provide the estimated quantities and applicable payment mechanism.	Kindly refer preceding response alongwith master RFP

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
109	Scope Of Work	Section V	Page 162	Shelter Shifting Payment	Kindly clarify the commercial mechanism applicable for shelter shifting activities. Please confirm whether dismantling, transportation, reinstallation, testing, commissioning, civil modifications, utility shifting, and restoration costs shall be reimbursed separately. Further clarify the applicable rates and payment methodology during both implementation and O&M periods.	It will be part of Financial discovery, also refer the Master RFP for other terms and conditions.
110	Scope Of Work	Section V	Page 168	Mini OLT Provision	Kindly clarify the quantity, deployment criteria, technical specifications, and commercial treatment of Mini OLTs under the project. Please confirm whether	Mini OLT deployment shall be mandatory from Day-1 of migration.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					Mini OLT deployment shall be mandatory from Day-1 or shall be undertaken only upon demand from GFGNL.	
111	Scope Of Work	Section V	Page 183	10-Year OEM Warranty Requirement	The RFP specifies that "PIA shall provide a comprehensive on-site OEM warranty of 10 years. Warranty from (SI/OEM) as per the MAF." Kindly clarify whether OEMs are required to provide direct onsite support for the entire 10-year contract duration. Further clarify the acceptable approach in the event that the OEM declares the product End-of-Life (EOL) or End-of-Support (EOS) during the contract period.	If any product becomes EOL/EOS during the contract period, the PIA shall ensure uninterrupted support through bidder/OEM-backed arrangements, spare availability, or replacement with equivalent or upgraded version equipment so that contractual SLAs remain unaffected

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
112	Scope Of Work	Section V	Page 188	Equipment at Revenue Village Locations	Kindly clarify ownership and responsibility for equipment installed at Revenue Village locations. Please confirm responsibilities relating to site readiness, space availability, electrical power, physical security, operation, maintenance, replacement, and protection against theft or vandalism.	As mentioned in the RFP, creating the last mile media(wireline/wireless) through alternate technology(like wireline on drop cable with termination of Compass without CPE, or Wireless media)will be in the scope of PIA, this includes SITC and O&M activity during the entire contract duration.
113	Scope Of Work	Section V	Page 191	Last Mile Enterprise Horizontal Customer Connectivity	Kindly clarify the scope, measurement methodology, acceptance criteria, and payment mechanism for "Last Mile Enterprise Horizontal Customer Connectivity". Please confirm whether such works shall be executed only against specific instructions/work	Correct, As per Clarification sought. Please refer annexure details and master RFP on details clarification

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					orders from GFGNL and compensated separately at discovered contract rates.	
114	Instruction to Bidders	Section IV	Page 77	PERFORMANCE GUARANTEE 1. The successful bidder/lead bidder shall furnish the Performance Bank Guarantees as mentioned below, towards faithful performance of the contract obligation and performance of the services during contract period. In case of breach/non-compliance of contract/ SLA terms and conditions, Tenderer shall invoke the PBG. 2. In case of Consortium, minimum 50% of the Performance Security in both cases (5% or	The clauses referred are contradictory. We understand that the Performance Bank Guarantee (PBG) can be submitted jointly by the consortium members, with a minimum of 50% of the total PBG value to be borne by the prime bidder. We request you to kindly clarify.	Clause is self explanatory, No Change as per RFP

Sr. N o	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
				10%) shall be furnished by the Lead member of the Consortium.		

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
115	Eligibility Criteria	Table-02 For Lead Bidder and Consortium A	Financial Turn Over (In Cr) For Lead Bidder and /or Consortium Partner	a)For the cases of (Lead with one Consortium)4700 Cr (Min 2350 Cr of Lead bidder However, the other members of the consortium should have minimum Rs. 400 Cr average annual turnover during last 3 financial years) b)For the cases of (Lead with two Consortium) 4700 Cr (Min 1900 Cr of Lead bidder However, the other members of the consortium should have minimum Rs. 400 Cr average annual turnover during last 3 financial years)	We request the authority to consider reducing the minimum average annual turnover requirement for consortium partners from ₹400 Cr to ₹200 Cr during the last 3 financial years.	Please refer updated clause in corrigendum with master RFP
116	Eligibility Criteria	Table-01 For Sole Bidder D	For Active Equipment's Experience	1,000 Numbers	We request the authority to amend the experience criteria from 1,000 Active Network Equipment to 3,000	No change. The provision shall remain as per the RFP.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
			(Numbers)		Active Network Equipment.	
117	Scope Of Work	5.15 SCOPE OF WORK FOR STATE- NETWORK OPERATIONS CENTRE (S-NOC) IMPLEMENTATION	52. Geographical Information System (GIS):	PIA shall arrange the storage on cloud with Cert-in and MeITY approved for videography and photography of survey and implementation project data. GFGNL shall provide compute and storage for rest of the application related requirement	As per ask GFGNL required MEiTY Empanelled GCC Cloud services provider for cloud data storage. Requesting to please confirm the CSP services should inline as per MEiTY guidelines for data localization, means this data should be stored in India & CSP Assure the same in MAF.	Updated Clause: Cloud Service Provider shall be MeitY empaneled and host all project data within India
118	Eligibility Criteria	3	2	The sole bidder and Bidder in case of Consortium should be in the business of Ofc Business or telecom or EPC in underground utility.	Please clarify: (i) Minimum number of years required for the Sole Bidder and Bidder in respective business area (ii) Document required to substantiate this experience.	Clause is self-explanatory. No change. The provision shall remain as per the RFP.
119	Eligibility Criteria	3	3.1	Appendix#A #Table-01 For Sole Bidder C Experience of OFC -	We understand Note-1 of Pre-Qualification Criteria shall be applicable for	Clause is self-explanatory. No change. The provision shall remain as per the RFP.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
				O&M (Kms) In Last 10 years	Experience of OFC Project (Kms) and Experience of OFC-O&M both. Please confirm.	
120	Eligibility Criteria	3	3.1 (Point no. 3.i.a) & Appendix-A	Appendix#A #Table-01 For Sole Bidder C Experience of OFC - O&M (Kms) In Last 10 years	For the sake of clarity please confirm that "works awarded directly by TSPs, catergaroy-1 ISPs, IP-1, Central Government....." shall be considered for meeting Experience of OFC Project (Kms) as well as Experience of OFC-O&M for participating in the tender. This condition is clear in related clauses in the tender but need carity here.	Clause is self-explanatory. No change. The provision shall remain as per the RFP.
121	Eligibility Criteria	3	3.1 (Point no. 3.i.a) & Appendix-A	Appendix#A #Table-01 For Sole Bidder C Experience of OFC - O&M (Kms) In Last 10 years	We understand that in case bidder/ consoritum partner is in itself an IP-1 provider, it can use its' credential in capacity of IP-1	Yes, as per clarification sought.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					provider for participation in the tender, subject to fulfilling all conditions listed for IP-1 in the tender.	
122	Eligibility Criteria	3	3.2, Appendix-A	Experience of OFC Project (Kms) in last 10 years; Three Orders/ Organization work, each having 12,000 km or Rs.500 Cr OR Two Orders/ Organization work, each having 15,000 km or Rs.600 Cr OR One Order/ Organization work, each having 25,000 km or Rs.1000 Cr OR	Please define/ explain the term "Organisation Work" used in this clause/ table.	Refer the master RFP on better clarifications
123	Eligibility Criteria	3	3.2, Appendix-A	Experience of OFC Project (Kms) in last 10 years; Three Orders/ Organization work, each having 12,000 km or Rs.500 Cr OR Two Orders/ Organization work, each having 15,000 km or Rs.600 Cr OR One Order/	In case of IP-1, a company builds network for leasing to different users without order in hand for construction of network. We, therefore, understand that the condition of One/ two/ Three Orders as	Refer the master RFP on better clarifications

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
				Organization work, each having 25,000 km or Rs.1000 Cr	mentioned in this clause shall not be applicable for the Sole Bidder or Consortium partner in case condition of total OFC Project (Kms) is met.	
124	Eligibility Criteria	3	3.1	Note 3 : Regarding the experience certificate issued to IP-1 Service Provider, the concerned TSP or ISP has to certify that the TSP/ ISP has taken fibres on lease from the said IP-1 out of the network constructed using 24 or more fibre Under Ground OFC or ADSS/ OPGW/ Aerial OFC, as the case may be, which should be constructed and owned by the concerned IP-1 Service Provider for at least one completed year. TSP/ ISP shall also certify the Route KM of OFC with route	Please clarify Order from TSP for IP-1 service will be treated as a Single Work Order.	Refer the master RFP on better clarifications

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
				wise details for which leasing has been done. The information may be submitted in the format mentioned.		
125	Eligibility Criteria	3	3.2, Appendix-A	Experience of OFC Project (Kms) in last 10 years; Three Orders/ Organization work, each having 12,000 km or Rs.500 Cr OR Two Orders/ Organization work, each having 15,000 km or Rs.600 Cr OR One Order/ Organization work, each having 25,000 km or Rs.1000 Cr	We understand that the Orders which are more than 10 years old but completed in last 10 years shall also be eligible for qualification under this criteria. Please confirm.	No change. The provision shall remain as per the RFP.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
126	Eligibility Criteria	Appendix # A Table # 02	A	Financial Turn Over (In Cr) For Lead Bidder and /or Consortium Partner a) For the cases of (Lead with one Consortium) 4700 Cr (Min 2350 Cr of Lead bidder However, the other members of the consortium should have minimum Rs. 400 Cr average annual turnover during last 3 financial years) b) For the cases of (Lead with two Consortium) 4700 Cr (Min 1900 Cr of Lead bidder However, the other members of the consortium should have minimum Rs. 400 Cr average annual turnover during last 3 financial years)	Financial capability should be assessed based on the bidder's ability to successfully execute projects of similar nature, scale, and complexity rather than requiring a turnover that exceeds the project value. A turnover criterion significantly higher than the project cost may exclude competent system integrators and technology companies that possess the necessary technical expertise, project execution capability, and financial stability. Request you to modify the clause as under: <i>a) For the cases of (Lead with one Consortium) 2500 Cr (Min 1800 Cr</i>	Please refer updated clause in corrigendum with master RFP

Sr. N o	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					<i>of Lead bidder However, the other members of the consortium should have minimum Rs. 200 Cr average annual turnover during last 3 financial years)</i> <i>b) For the cases of (Lead with two Consortium) 2500 Cr (Min 1800 Cr of Lead bidder However, the other members of the consortium should have minimum Rs. 200 Cr average annual turnover during last 3 financial years)</i>	

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
127	Eligibility Criteria	Appendix # A Table # 02	B	Total Experience Of OFC Project(Km) Consortium Partner and/or Lead Bidder In Last 10 Years Three(3)Orders/Organization Work, each having 12,000Km or Rs. 500 Cr. (Total Min. 6000 Km or Rs.250 Cr. experience from atleast one onsortium partner) Or Two(2)Orders/Organization Work, each having 15,000Km or Rs. 600 Cr.(Total Min. 7500 Km or 300 Cr. experience from atleast one consortium partner) OrOne(1)Order/Organization Work, each having 25,000Km or Rs. 1000 Cr.(Total Min. 12500 Km or Rs. 500 Cr experience from atleast oneconsortium partner)	The Technical Capability Criteria specified appears to be very high-end, which may restrict broader participation and competitive bidding. We request you to kindly modify the clause as under: Three(3)Orders/Organization Work, each having 1200Km or Rs. 75 Cr.(Total Min. 250 Km or Rs.25 Cr. Or Two(2) Orders/Organization Work, each having 1500Km or Rs. 100 Cr.(Total Min. 300 Km or 35 Cr. experience from atleast one consortium partner) Or One(1) Order/Organization Work, 2500Km or Rs. 150 Cr. (Total Min. 500 Km or Rs. 50 Cr experience from	PI refer updated clause with corrigendum, Master RFP

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
128	Eligibility Criteria	Appendix # A Table # 02	C	Experience Of OFC-O&M (Kms) In Last 10 Years The bidder should have satisfactorily completed in the last 10 years within India, the O&M of any OFC network of 24 or more Core Under Ground OFC OFC for the number of 'Year Kms' (for the network for which O&M has been done for at least one year) at least equal to 85,000 Kms (a minimum 40% of the O&M requirement should be met through O&M of 24 or more core aerial fibre cables) (deployed in BharatNet by BBNL or state SPV)/ ADSS/ OPGW OFC as required for EPC Network Construction capability mentioned above.	The Technical Capability Criteria specified appears to be very high-end, which may restrict broader participation and competitive bidding. We request you to kindly modify the clause as under: The bidder should have satisfactorily completed in the last 10 years within India, the O&M of any OFC network of 24 or more Core Under Ground OFC OFC for the number of 'Year Kms' (for the network for which O&M has been done for at least one year) at least equal to 25,000 Kms (a minimum 40% of the O&M requirement should be met through O&M of 24 or more core aerial	PI refer updated clause with corrigendum, Master RFP

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
				Year Kms: If O&M of "X" Kms of OFC has been done for "N" years ($N \geq 1$), then 'Year Kms' = "X multiplied by N". Min. 50% experience from atleast one consortium partner	fibre cables) (deployed in BharatNet by BBNL or state SPV)/ ADSS/ OPGW OFC as required for EPC Network Construction capability mentioned above. Year Kms: If O&M of "X" Kms of OFC has been done for "N" years ($N \geq 1$), then 'Year Kms' = " X multiplied by N".	

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
129	Eligibility Criteria	Appendix # A Table # 02	D	For Active Equipment's Experience (Numbers) Consortium Partner and/or Lead Bidder 1,000 Numbers Min. 500 Numbers experience from atleast one consortium partner	The Technical Capability Criteria specified appears to be very high-end, which may restrict broader participation and competitive bidding. We request you to kindly modify the clause as under: Consortium Partner and/or Lead Bidder 1,000 Numbers (all partners combined)	Clause is self explanatory. No change. The provision shall remain as per the RFP.
130	Technical Specifications	Pg.397/Annex-A/FDMS (Indoor)	14	TEC GR Standard No.: TEC 87010:2007, with Amendment Dated 02.05.2012 and with latest amendments if any (Fibre Termination Box/FDMS Type-IIIA & IIIB – 48F at GP locations) Fibre termination in GP can be accommodated in a rack used for router and other equipment. 01 No. 48 fibre rack mount shelf to be	48F FDMS Shelf with specification as per clause 3.2 of FDMS Rack Type 1 of TEC GR No. 87010:2007. Connector to be used shall be SC/APC.	Refer the section 10 with VII on technical specification mentioned in the RFP

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
				used for fibre termination as per GR 87010:2017.		
131	Technical Specifications	Pg. 411/Annex-B/FDMS (Indoor) VI. Technical Specifications for FDMS	FDMS (Indoor) TEC	TEC GR Standard No.: TEC 87010:2007, with Amendment Dated 02.05.2012 and with latest amendments if any. Fibre termination in GP can be accommodated in a rack used for router and other equipment. 01 No. 48 fibre rack mount shelf to be used for fibre termination as per GR 87010:2017.	48F FDMS Shelf with specification as per clause 3.2 of FDMS Rack Type 1 of TEC GR No. 87010:2007. Connector to be used shall be SC/APC.	Refer the section 10 with VII on technical specification mentioned in the RFP
132	Technical Specifications	XIV. Rack at GP Locations/Pg. 426	2. Dimension of Rack	Height =24U standard (approx. 2000–2050 mm external height) Width=600 mm or 800 mm depending on cable volume Depth=1000–1200 mm (choose based on server/storage depth)	May be modified as : Height =24U standard , External Dimension (Height = 1630mm, Width = 800mm, Depth = 700mm) with +/-5%	No change. The provision shall remain as per the RFP.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
133	Technical Specifications	Rack at Sub- Block/ Shelter locations for Phase 1 & 2 both/Pg.428	1. Size	42U Floor Mount, Standard ETSI	May be modified as 24U Floor Mount	No change. The provision shall remain as per the RFP.
134	Technical Specifications	Rack at Sub- Block/ Shelter locations for Phase 1 & 2 both/ Pg. 428	3. Dimensions (Approx.)	2100 mm (H) X 750 mm (W) X 1050 mm (D)	May be modified as : External Dimension (Height = 1630mm, Width = 800mm, Depth = 700mm) with +/-5%	No change. The provision shall remain as per the RFP.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
135	Annexure & Formats		9.20 Format XX(Page no. 362)	Accordingly, we hereby declare the following: i. That we are not holding any ISP/ TSP license, covering any of the State(s)/ UTs in the package no.....in which we are bidding. ii. We are not having more than 50% stake in our company of any other company who is holding ISP/TSP license covering any of the State(s)/ UTs in the package no. where we are bidding. iii. We are not having more than 50% stake in any other such company who is holding ISP/TSP license covering any of the State(s) / UTs in the package no. where we are bidding.	We understand that the mere presence of some of the common shareholders or some directors between two entities, where neither entity holds any equity in the other and it does not constitute a holding - subsidiary relationship and therefore would not result in disqualification under Clause 2 of Annexure VIII. Kindly confirm	No change. The provision shall remain as per the RFP.

Sr. N o	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
				iv. We are not a subsidiary of a parent company who is holding ISP/ TSP license covering any of the State(s)/ UTs in the package no. where we are bidding		

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
136	Annexure & Formats		9.20 Format XX(Page no. 362)	Accordingly, we hereby declare the following: i. That we are not holding any ISP/ TSP license, covering any of the State(s)/ UTs in the package no.....in which we are bidding. ii. We are not having more than 50% stake in our company of any other company who is holding ISP/TSP license covering any of the State(s)/ UTs in the package no. where we are bidding. iii. We are not having more than 50% stake in any other such company who is holding ISP/TSP license covering any of the State(s) / UTs	It is understood that the existence of common shareholders and/or directors between two entities, without any cross-shareholding or holding–subsidiary relationship, shall not be treated as grounds for disqualification under Clause 2 of Annexure VIII. Kindly confirm.	No change. The provision shall remain as per the RFP.

Sr. N o	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
				in the package no. where we are bidding. iv. We are not a subsidiary of a parent company who is holding ISP/ TSP license covering any of the State(s)/ UTs in the package no. where we are bidding .		

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
137	Instruction to Bidders	Table of Contents / Section 4	Clause 4.14, Page 61	Duplicate Clause Number – Bid Opening & Bid Validity	Clause 4.14 is assigned to two separate clauses: 'Bid Opening' (Page 61) and 'Bid Validity' (Page 62). Clause 4.15 is missing from both the ToC and the body. Please confirm: (a) Should 'Bid Validity' be renumbered as Clause 4.15? (b) Are any downstream cross-references affected?	No change. The provision shall remain as per the RFP.
138	Fact Sheet	Fact Sheet	Item 19, Page 22.	Contract Duration – 10 Years vs 13 Years Contradiction	Item 19 states: 'Contract Duration: 10 Years (3 Years of Implementation + 10 Years of O&M).' Three years of implementation plus ten years of O&M equals 13 years, not 10. The O&M rate table in Clause 6.5 also confirms 10 years of O&M (Years 1–10). Please clarify: Is the total contract	Refer the clarification details mentioned in the master RFP

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					period 10 years or 13 years?	
139	Scope Of Work	Section 5 - Scope of Work	5.1.h - Unified Network & Service Framework, Page 126	Gujarat Phase-I and II	GFGNL has shared the Sizing of existing EMS, NMS and GIS. Kindly please share the list of deployed EMS, NMS/OSS, BSS for Phase-I and II.	Please refer updated clause in corrigendum with master RFP

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
140	Eligibility Criteria	Section 3 – Eligibility / Appendix # A	Eligibility Criterion 3 (Experience) Page 37	Offered Product (OEM) NMS Experience. Deployment and maintaining of NMS including Helpdesk-Ticketing solution as a bundle	GFGNL introduced restrictive clause for eligibility criteria to provide experience certificate of Deployment and maintaining NMS including Helpdesk-Ticketing as a bundle (single OEM). Result of this clause is that some OEMs became ineligible to bid and only few OEMs remained eligible. GFGNL should follow the TEC GR framework NMS which are derived from the best practices from eTOM, TMN and ITIL frameworks. In TMN model, there is a clear separation of Network Management (NML) and Service Management (SML)	PI refer updated clause with corrigendum, Master RFP

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					layers. Fault Management (in FCAPS) is par of NMS layer and Helpdesk-Ticketing is part of Service Management layer. In NMS architecture, the north-bound interfaces to SML are clearly demarcated. Thus, NMS should have standard interface to Ticketing (part of SML) and not be viewed as a common block with a single OEM. Therefore, we recommend that you change the Eligibility Criterion 3 clause (experience) as "Deployment and maintaining of NMS including integration using standard APIs with Helpdesk-Ticketing solution."	

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
141	Project Timelines	Section 6.1 – SNOG Timelines	Table: Final Acceptance & Go-Live Milestone (T+12) Page 255	S-NOC Milestone T+12 Weeks ≠ 90 Days	The Final Acceptance & Go-Live milestone is labelled 'T + 12 Weeks (90 Days).' However, 12 calendar weeks = 84 days, not 90 days. Please confirm: Is the S-NOC Final Acceptance deadline 84 days (12 weeks) or 90 calendar days from the appointed date?	Refer the updated Clauses in master RFP
142	Project Timelines	Section 6.2 / Section 6.3	Table 6.1, Milestone V Page 256 / Clause 6.3(i) and 6.3(ii) Page 257	Scheduled Completion Date – Day & GP% Mismatch with Final Milestone	Three inconsistencies exist: (a) Days: Milestone V = T0+900 days; Clause 6.3(i) Scheduled Completion = 870th day (30 days earlier than the final milestone). (b) GP%: Clause 6.3(i) requires 95% GPs; Clause 6.3(ii) requires 99% GPs; Milestone V requires 100% GPs. Please clarify the correct Scheduled Completion Date in	Completion Date shall mean the date by which the prescribed GP rollout threshold under Clause 6.3 is required to be achieved. Project Completion Date shall mean the date by which 100% of the contractual rollout scope and associated deliverables are completed in accordance with Milestone V.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					days and the applicable GP completion percentage that triggers it, and distinguish 'Scheduled Completion' from 'Project Completion.'	
143	Project Timelines	Section 6.4 – Payment Schedule	Clause 6.4(g) Page 258 vs. Clause 6.4(ix) Page 260	CAPEX Payment Release Timeline – 30 Days vs. 45 Days Contradiction	Two contradictory payment timelines appear within Section 6.4: Clause 6.4(g) states 'GFGNL shall disburse within 45 days of receipt of each invoice'; Clause 6.4(ix) states 'Payment shall be released within 30 calendar days.' Please clarify: What is the contractually binding payment timeline for CAPEX milestone invoices — 30 days or 45 days?	Refer updated Clause 6.4(ix).

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
144	SLA & Penalty	Section 7 – SLA & Penalty	Section 7.10.2.1 – SLA Uptime Penalty Table, SR.No. 9, Page 279	SLA Uptime Table – Overlapping / Impossible Range in Row 9	Row 9 of the SLA uptime penalty table reads '>= 91.5% to <= 90.0%' with 15% penalty. This is mathematically impossible (91.5% cannot be simultaneously >= 91.5% and <= 90.0%). The uptime range 90.0%–91.5% is undefined. Row 9 likely should read '>= 90.0% to < 91.5%.' Please confirm the correct uptime range and penalty percentage for this row.	It is typo error, refer the updated corrigendum with master RFP for clarity. Row 9 of the SLA uptime penalty table shall be read as '≥ 90.0% and < 91.5%' with applicable penalty of 15%. All other provisions remain unchanged.
145	Project Timelines	Section 6.4 – Payment Schedule	Clause 6.4(c), Page 258	Mobilisation Advance – 8-Instalment Adjustment Schedule Alignment	The initial 10% mobilisation advance is to be adjusted in 8 equal quarterly instalments starting Month 9 (Month 9, 12, 15, 18, 21, 24, 27, 30). The 8th instalment at Month 30 coincides with Milestone V (final	The mobilization advance recovery schedule specified in the RFP shall apply as defined. In the event of short-closure, termination, reduction in scope, or completion prior to full recovery, any outstanding mobilization advance shall be recoverable by GFGNL in

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					milestone). Please clarify: (a) Is the adjustment schedule correctly aligned with the project timeline? (b) What happens to any unadjusted advance if the project is short-closed before Month 30?	accordance with the provisions of the RFP, including adjustment against pending payments and available securities. Existing RFP provisions remain unchanged.
146	Eligibility Criteria	Section 3 – Eligibility	Eligibility Criterion 10 (ISP/TSP Licence)	TSP/ISP Ineligibility – Scope for OEMs and Sub-Contractors	Criterion 10 disqualifies any ISP/TSP licence holder for Gujarat LSA from participating. The RFP is silent on whether an ISP/TSP-licensed entity can participate as an OEM or sub-contractor (not as a consortium member). Please clarify: (a) Does ineligibility apply to all consortium members including non-lead partners? (b) Can an ISP/TSP	No change. The provision shall remain as per the RFP.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					licence holder participate as an OEM or sub-contractor? (c) Does this restriction apply only to the bidding entity, or also to parent companies, subsidiaries, affiliates, consortium partners and group companies holding ISP/TSP licenses?	
147	Scope Of Work	TEC GR Standard Year for NMS — 2015 vs. 2025	Clause 47 (5.15, Page 174): TEC 48100:2025 Section 10 Tech Spec Table S.No.26 (Page.398): TEC 48100:2015	• Clause 47 mandates TEC 48100:2025 for OSS-BSS & NMS. • Section 10 lists TEC 48100:2015 for the Network Management System.	1. Which TEC GR edition — 2015 or 2025 — shall be the binding standard for the NMS/OSS-BSS platform? 2. If the 2025 edition supersedes, please confirm and issue a corrigendum updating Section 10.	Refer the updated corrigendum-V with master RFP

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
148	Scope Of Work	Operational Visibility Platform (NMS + OSS + BSS)	5.15 Clause 54-III (Page 177): 'tightly integrated suite...operating as a unified platform'	Clause 54 requires NMS + OSS + BSS + CRM as a unified platform.	There is no defined standard within either the eTOM or TMN frameworks that establishes or recognizes an Operational Visibility Platform. Within the eTOM framework, the Network Management Layer (NML) and Service Management Layer (SML) are clearly defined. Network Management Systems (NMS) form an integral part of OSS, while Customer Relationship Management (CRM) systems are core components of BSS. The current tender, however, appears restrictive in implying that a single vendor should provide both OSS and BSS solutions. In practice,	No change. The provision shall remain as per the RFP.

Sr. N o	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					OSS and BSS components are often sourced from multiple vendors, and such procurement should not be constrained to a single-vendor model. Furthermore, the use of the term "Unified Platform" suggests a preference for a single vendor delivering an integrated OSS and BSS solution. This approach may limit flexibility and competition. We request you to change the current clause as "standards API based integration between OSS, BSS and other adjunct functions (like GIS, TTS etc)." instead of "operating as a unified platform."	

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
149	Financial Bid	EMS DR / Backup Site — Scope and Responsibility	`-SOR Line Item 15.2 (Page 300): 'EMS (1+1) and integration with NMS (at Main and DR Site)' - 5.15 Clause 42 (Page 172): No DR site mentioned; only 'State Data Centre, Gandhinagar' Note-2 (Page 419):GFGNL to provide IT/non-IT infra for hosting EMS	• SOR 15.2 explicitly requires EMS at both Main and DR Site. • The scope section (5.15) mentions only one deployment location. • It is unclear who arranges the DR site infrastructure and where the DR site is located.	1. Where is the DR site for EMS/NMS hosting — who provides it (GFGNL or PIA)? 2. Does the DR requirement apply to all EMS instances (Block, GP, RFMS, Mini-OLT) or only the central NMS? 3. Please confirm the RTO/RPO targets for the DR failover.	No separate DR site is planned. The EMS will be deployed in a 1+1 Active-Active configuration, with both active instances hosted at the SDC Gandhinagar colocation data center or any other location if decided by GFGNL in future.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
150	Scope Of Work	Phase-I EMS Handover — Coordination with BSNL/BBNL	- 5.15 Cl.54-VIII (Page 178): 'For Handover of phase-I EMS, coordination with BSNL/BBNL shall be done by PIA' - 5.3.3 Cl.(b) (Page 133): 'temporary access to NMS/GIS till existing agencies' contract ends' - 5.15 Cl.49 (Page 173): 'Phase 2	• PIA is responsible for Phase-I and II EMS coordination. • No timeline or fallback mechanism is defined if BSNL/BBNL does not cooperate. • Phase-II data migration (30,000+ services) is in-scope at no extra cost, but extent and data quality are unknown.	1. What is GFGNL's role if BSNL/BBNL does not facilitate Phase-I and II EMS handover on time? Will the PIA be indemnified from SLA penalties during such delays? 2. Please confirm NMS/OSS supplier also indemnified from SLA penalties due to delay in case of Phase-I and II EMS handover. 3. Please provide data quality details and a confirmed list of Phase-II services to be migrated so bidders can accurately price migration effort.	Successful Bidder shall take the handover of the existing system as is where is basis as per NOC delivery timeline, it is bidder's responsibility to migrate the existing system through respective EMS to new single platform for better monitoring of existing and new network assets.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
			tentative count 30,000+ services... scope of PIA without additional cost'			
151	SLA & Penalty	NMS Software Alarm Delay Penalty — Outside O&M Cap	7.10.2.19 Cl.(a) (Page 293): Quarterly O&M penalty capped at 20% of invoice value EMS alarm delay penalty = 0.2% of quarterly O&M billing, 'over and above the maximum	• The O&M penalty cap is 20% of quarterly invoice. • EMS alarm-delay penalty is explicitly excluded from this cap and is uncapped. • This creates disproportionate financial exposure for a single parameter (alarm latency).	1. Is there any aggregate ceiling on the EMS alarm-delay penalty (0.2% per instance, uncapped)? 2. How is 'delay in alarm' defined — what is the threshold latency that triggers the penalty (e.g., delay beyond X seconds/minutes from event occurrence)? 3. Kindly confirm that Delays in alarm notifications to NMS or any other external systems integrated with the EMS due to cascading alarm processing or	i) Alarm-delay penalties shall be governed by the SLA provisions of the RFP. ii) Measurement shall be as per the approved design, technical specifications, and acceptance criteria iii) Delays caused by components within the bidder's solution shall remain the responsibility of the PIA, while exclusions, if any, shall be governed by the relevant RFP exclusion provisions.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
			O&M cap limit'		dependencies beyond the EMS should be excluded from penalty calculations.	
152	Financial Bid	OSS/BSS/CRM — Missing Dedicated SOR Line Item / Pricing	`- SOR Line Item 17.2 (Page 301): 'SITC of Network Management System having combined functionality of BSS, OSS, CRM, Helpdesk ...' Qty=1 - 5.15 Clause 54-III	Individual pricing breakdown is required, making competitive evaluation and variation pricing impossible.	Within the eTOM framework, the Network Management Layer (NML) and Service Management Layer (SML) are clearly defined. Network Management Systems (NMS) form an integral part of OSS, while Customer Relationship Management (CRM) systems are core components of BSS. The current tender, however, appears restrictive in implying that a single vendor should provide both	It is already clarified , Refer the updated Master RFP with corrigendum-V

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
			(Page 177): Detailed multi-module integrated platform required		OSS and BSS solutions. In practice, OSS and BSS components are often sourced from multiple vendors, and such procurement should not be constrained to a single-vendor model. Every software has different sizing mechanisms. Hence we request you to include a separate SOR Line Item 17.2 for NMS, BSS, Helpdesk, Asset Management with separate pricing, to enable fair variation-order pricing during O&M.	

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
153	SLA & Penalty	SLA Measurement Tool — NMS-Based vs. Helpdesk-Based	`- 7.10.2.13 Cl.(b) (Page 290): 'Performance report for all above shall be generated from the Measurement Tool (NMS, Helpdesk tool)' - 5.15 Cl.46 (Page 173): 'No manual intervention required to calculate the SLA module' -	• SLA measurement references both NMS and Helpdesk tool as measurement instruments. • In case of discrepancy between NMS-reported data and helpdesk ticket data, no tiebreaker rule is defined. • Manual SLA calculation is prohibited (Cl.46), yet no single system of record is designated.	1. Which system is the authoritative 'System of Record' for SLA measurement — the NMS or the Helpdesk tool? Please specify per SLA category. 2. In case of a discrepancy between NMS-generated data and helpdesk-ticket timestamps, which prevails for penalty calculation?	For network availability and performance-related SLAs, the NMS/EMS records shall be the primary source. For ticket lifecycle, fault acknowledgement, restoration workflow, and service management SLAs, the Helpdesk/Ticketing System records, e-mail, shall be the primary source. For Dark Fibre Customers call, message, e-mail, or any other observations from GFGNL will be prime source. In case of any discrepancy, synchronized audit logs and the SLA measurement methodology approved by GFGNL/IE shall prevail

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
			7.10.2.19 (Page 293): SLA measurement process to be based on NMS data			
154	Scope Of Work	Section-5	Clause 5.1(e), Page 126 & Clause 5.15.1, Page 169	Reuse vs Replacement of Existing S-NOC Assets	Kindly clarify whether there is any mandatory requirement to reuse existing S-NOC hardware, software, NMS, EMS, GIS, storage, servers, security infrastructure, and licenses, or whether bidders may replace them wherever technically required.	It is not mandatory to use the existing resources. However, PIA through OEM ensures Reuse wherever feasible; replace where technically justified and necessary to meet RFP requirements.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
155	Scope Of Work	Section-5	Clause 5.15.1, Page 169	Existing S-NOC Asset Inventory	Kindly provide detailed inventory of existing Active, IT and Non-IT infrastructure referred to in Annexure-XXXVI, including make, model, software version, license status, warranty/AMC status, and utilization levels. Kindly provide detailed inventory, age profile, warranty status, AMC status, and operational condition of all existing fibre, GPON, RFMS, power systems, active and passive infrastructure to be handed over to the selected PIA.	Bidders are advised to refer the clause, "9.44 ANNEXURE: XXXXII- Existing NOC inventory details" and "Annexure_ Existing Inventory details_Bharatnet_PH_I and II" for better clarity

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
156	Scope Of Work	Section-5	Clause 5.15.1, Page 169	Modification of Indicative BoM	The clause permits modification of the indicative BoM subject to GFGNL approval. Kindly clarify whether bidders are expected to perform a gap assessment and propose additional/replacement infrastructure during bid submission.	Updated Clause: The clause permits modification of the indicative BoM (clause-9.44) subject to GFGNL approval. (Indicative BOM Table)
157	Project Timelines	Section-6	Clause 6.1, T+3 Week Milestone, Page 253	Migration of Existing Data	The RFP requires migration of existing NMS and GIS data to new software for a unified architecture. Kindly clarify the volume of existing data, retention requirements, and responsibility for migration validation and acceptance.	Successful Bidder shall take the handover of the existing system as is where is basis as per NOC delivery timeline, it is bidder's responsibility to migrate the existing system to new single platform for better monitoring performance parameter of existing and new network devices. Sizing and other inventories details are available in related annexures of the master RFP.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
158	Project Timelines	Section-6	Clause 6.1, T+2 to T+12 Week Milestones, Pages 252-255	Specific BoQ Format	Since the RFP refers to existing NOC handover, infrastructure upgrade, replacement, integration, and migration, kindly clarify the commercial assumptions bidders should follow for preparing uniform bids. Kindly please share the BoQ for the desired specification for uniform commercial submission.	Clarifications already made in last corrigendum alongwith master RFP, Bidders/OEM are advised to review the terms & conditions of the RFP and being a very critical and long term project of the nation/state. Accordingly, quote the better network monitoring with the performance parameters measurements
159	Scope Of Work	Section-5	Clause 5.15.6, Page 170	API and Third-Party Integrations	Kindly provide details of existing northbound and southbound integrations, APIs, protocols, and third-party systems that must be retained or integrated with the upgraded/new S-NOC. How many number of vendor	It is the responsibility of the SI/Bidder to design, plan, installation, commissioning and O&M of the equipments. Furthermore, existing infrastructure details already shared in the RFP with annexures. Accordingly, integration activities can be planned and delivered.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					specific adaptors to be delivered to support integrations as part of this scope of requirements?	
160	Scope Of Work	Section-5	Clause 5.15.12 & 5.15.13, Page 170	Existing Infrastructure O&M Responsibility	Kindly clarify whether operation and maintenance of all existing S-NOC infrastructure, software licenses, OEM support contracts, and integrations shall be transferred to the selected PIA from Day-1.	Refer the Master RFP with corrigendum for SNOG delivery timelines. However, Successful Bidder shall take the handover of the existing system as is where is basis as per NOC delivery timeline, it is bidder's responsibility to migrate the existing system through respective EMS to new single platform for better monitoring of existing and new network assets.
161	Scope Of Work	Section-5	Clause 5.1(h), Page 126 & Clause 5.15.19, Page 170	Unified Network Architecture	The RFP requires creation of a unified network architecture integrating BharatNet Phase-I, Phase-II and ABP infrastructure. Please confirm that API integrated modules from one or more	The existing and newly integration of the BharatNet network required variety/multiple OEM integration with SNOG. The key objective is to have Unified network operational experience, Single integrated

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					vendors to deliver : - Trouble Ticketing - CRM - Asset Management and Monetization Tools - Performance Monitoring for field staff and fault teams.	dashboard/reporting environment, End-to-end workflow automation, Common ticketing and asset lifecycle management, SLA monitoring, workforce performance tracking, etc. For these full accountabilities will be with the PIA.
162	Project Timelines	Section-6	Clause 6.1, Pages 252-255	90-Day NOC Go-Live Requirement	Considering the requirement for handover, integration, migration, deployment, testing, and commissioning of a unified NOC, kindly confirm whether the 90-day timeline includes migration of all existing BharatNet Phase-I and Phase-II NOC systems and historical data.	Bidder is advised to refer the second milestone(T+6 weeks) and terms and conditions mentioned in the RFP.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
163	Scope Of Work	Section-5	Clause 5.15 (SNOC Infrastructure)	Production & Test Environment Requirement	Kindly clarify whether a separate Test/UAT environment is required in addition to the Production environment for all NMS, EMS, GIS, Inventory, Helpdesk, Analytics, and OSS applications. Please specify the same in revised BOQ table.	The Successful Bidder shall provide, at its own cost, all environments, infrastructure, software, databases, licenses, tools, and related components required for development, testing, UAT, integration, migration, upgrades, security validation, operation, and maintenance of the proposed solution throughout the Contract Period. The Bidder shall ensure appropriate sizing and architecture of the solution to meet all functional, performance, security, business continuity, and maintenance requirements. No additional payment shall be made beyond the prices quoted in the Financial Bid and other provisions of the RFP. Considering the critical

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
						and long-term nature of the Project, GFGNL reserves the right to conduct a Proof of Concept (PoC) and/or demonstration of the proposed solution at any stage either by self or it's authorized agency. The Bidder shall provide all necessary support and resources for the PoC. GFGNL's evaluation and decision based on the PoC/ demonstration shall be final, conclusive, and binding on the Bidder. Failure to satisfactorily meet the PoC /demonstration requirements may result in rejection of the Bid.
164	Project Timelines	Section-6	Clause 6.1 (Implementation Milestones), Pages 252-255	Acceptance Testing Infrastructure	Kindly confirm whether FAT, SAT, UAT, Security Testing, Performance Testing, and Integration Testing shall be conducted on a dedicated	Repeated query , pl see preceding responses

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					Test/UAT environment. Please specify the same in revised BOQ table.	
165	Instruction to Bidders	Section-4	Clause 4.58 & Clause 4.60 (TOC/Section-4)	Missing Clause 4.59	The clause sequence jumps from Clause 4.58 (Liquidated Damages) to Clause 4.60 (Taxes & Duties). Kindly clarify whether Clause 4.59 has been omitted inadvertently and issue the missing clause or confirm that no provision is intended under Clause 4.59.	It was typo, no missing clause
166	SLA & Penalty	Section-7	Clause 7.9, 7.9.1, 7.9.2 followed by Clause 7.10.2.1 onwards	SLA Numbering Hierarchy	Kindly provide the corrected numbering hierarchy and confirm whether Clauses 7.10 and 7.10.1 have been inadvertently omitted from the RFP.	It was typo. Please refer the updated corrigendum with master RFP.
167	Annexure & Formats	Annexures	Annexure XXXVIII & Annexure XXXIX	Annexure Numbering Repetition	Annexure numbers XXXVIII and XXXIX appear multiple times for different	Refer the updated Master RFP

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					datasets. Kindly provide corrected annexure numbering and identify the authoritative annexure references.	
168	Technical Specifications	Technical Specifications	UPS Specification, Pages 420-421	UPS Specification Numbering Gap	The UPS specification numbering sequence omits Serial Nos. 13 and 19. Kindly confirm whether any technical requirements have been inadvertently omitted.	It was typo
169	Scope Of Work	Section-5	EMS Hosting Requirement, Page 420	EMS Hosting Responsibility	The RFP states that GFGNL shall provide VM and storage while the bidder shall provide EMS, OS, RDBMS, and licenses. Kindly clarify responsibilities for hypervisor licenses, virtualization platform, backup infrastructure, DR infrastructure, operating system management, and	For better clarity , bidder is advised to refer the responsibility matrix enclosed with corrigendum-master RFP

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					database administration.	
170	Financial Bid	BOQ & EMS Scope	BOQ Item 12(a)–12(d), Pages 310-311; EMS Hosting Page 420	EMS Infrastructure and Licensing Scope	BOQ includes EMS hardware/software/licenses for GP routers, Block routers, and RFMS, while GFGNL provides only VM and storage. Kindly clarify whether production, DR, UAT/Test, database, middleware, backup, and reporting server licenses of the EMSs are included in bidder scope and specify sizing assumptions.	No change. The provision shall remain as per the RFP.
171	Financial Bid	BOQ	Items 22, 23 & 24, Pages 313	NMS, GIS and Hyper-Converged Infrastructure	BOQ includes one GIS, one OSS/BSS platform and four Hyper-Converged Infrastructure nodes. Kindly clarify whether separate Production, DR, UAT/Test, and Development environments are	No change. The provision shall remain as per the RFP.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					required and whether the quantities provided are inclusive of all environments.	
172	Financial Bid	SOR	Section 8.1, Item #17, Page 301	State NOC "State NOC (Quantity is just for reference, may vary as per details and specification given at Section"	Section Reference is missing. Kindly confirm the same.	Updated Clause: "State NOC (Quantity is just for reference, may vary as per details and specification given at Section-5.15"
173	Annexure & Formats	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS	I. Network 1. General requirements Clause V, Page #400	OEM must provide performance, throughput and features evidence. GFGNL reserves the right for asking the bidder to do a PoC that validates all technical compliance as submitted in the tender document.	Request GFGNL to mandate that bidders demonstrate a live deployment or Alternatively should conduct a POC before final award with Stringent acceptance criteria should be defined: - Network Discovery - Service Discovery - Inventory Details - Performance KPIs - Fault Management - Configuration and Service Provisioning - Dashboards This is critical	No change. The provision shall remain as per the RFP.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					because several vendors may only demonstrate isolated tools rather than an integrated OSS/BSS ecosystem.	
174	Technical Specifications	XXXII. Network Management System (NMS) – Technical Specifications	2 Network Visibility, Page #489	Network Discovery and Visibility	The RFP specifies real-time network visibility from State level down to District, Block, Gram Panchayat and Village level through configurable dashboards but does not explicitly define: • Layer-1 discovery. • Layer-2 discovery. • Layer-3 discovery. • Topology discovery. • Auto inventory synchronization. Request GFGNL to include all of the above in your specifications.	The proposed NMS/EMS/Inventory solution shall support automated network discovery, topology visualization and asset synchronization capabilities necessary to maintain accurate network visibility and inventory information across the BharatNet network. However, Existing RFP conditions will remain unchanged

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
175	Technical Specifications	XXXII. Network Management System (NMS) – Technical Specifications	2 Network Visibility, Page #489	Network Discovery and Visibility	The RFP does not clearly specify: • Automatic service discovery. • Service inventory creation. • Service path discovery. • Customer-to-network mapping. Request GFGNL to include all of the above in your specifications.	Updated Clause: The proposed OSS/BSS, Inventory Management, and Service Assurance solution shall support service inventory management, customer-to-service-to-network correlation, service-path visualization, and associated automation capabilities required for operation and management of the BharatNet network.
176	Technical Specifications	XXXII. Network Management System (NMS) – Technical Specifications	3 Fault Management, Page #489	Service Assurance	The RFP mentions SLA monitoring but does not define: • Service Assurance platform. • Root cause analysis. • Customer impact analysis. • Service degradation identification. Request GFGNL to include all of the above in your specifications.	Updated Clause: The proposed OSS/BSS, NMS/EMS and Service Management solution shall support service assurance, fault correlation, root cause analysis, service degradation monitoring, analytics, and SLA reporting capabilities required for effective operation and management of the BharatNet network.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
177	Technical Specifications	XXXII. Network Management System (NMS) – Technical Specifications	3 Fault Management, Page #489	Service Topology, Correlation, Customer impact	The RFP mentions generic service management but does not specifically asks for: • Service topology. • Service dependency models. • Network-to-service correlation. • Customer impact visualization. These capabilities are essential features of service management, so kindly please add those in your specifications.	No Change As per RFP. However, for better O&M and SLA management bidder may propose the solution including the clarification soughts
178	Technical Specifications	XXXII. Network Management System (NMS) – Technical Specifications	3 Fault Management, Page #489	Multi-domain Fault Correlation	The RFP references generic fault management but does not specifically asks for: • Event correlation. • Alarm suppression. • Root cause determination. • Multi-domain correlation. These capabilities are essential for fault	No Change As per RFP. However, for better O&M and SLA management bidder may propose the solution including the clarification soughts

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					management, so kindly please add those in your specifications.	
179	Scope Of Work	Section-5 / Section-7	Service Provisioning, Page#227	Service Provisioning Scope and Volume	Kindly provide service category-wise projected provisioning volumes (GPs, Government Offices, Institutions, FTTH, Enterprise Customers, Wi-Fi Hotspots, Bandwidth Services, etc.) for the contract duration, as the same materially impacts manpower sizing, OSS/BSS sizing, SLA compliance, and commercial bid pricing.	Please refer the RFP Clause, 5.15- 54(IX)

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
180	Instruction to Bidders	4.50 PATENT RIGHTS, COPY RIGHT & IPR	4.50 PATENT RIGHTS, COPY RIGHT & IPR, Clause iii, Page #90	IPR of finished / customized product	We request clarification that, any customization carried out under this tender, the ownership of all intellectual property, including source code, proprietary tools, frameworks, and derived enhancements, shall remain with the tenderer. In this regard, kindly confirm that the purchaser's rights will be limited to a perpetual, non-transferable license for internal use, without rights to commercially exploit, sublicense, or transfer the IPR.	The GFGNL shall have perpetual, irrevocable, royalty-free rights to use, operate, maintain, modify (either directly or through a third party), and enhance all project-specific deliverables, configurations, integrations, reports, documentation, interfaces, workflows, and customizations developed under the Contract for operation and maintenance of the BharatNet network through selected PIA without any additional cost to GFGNL. Existing provisions of the RFP shall otherwise remain unchanged.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
181	Scope Of Work	5.15 SCOPE OF WORK FOR STATE- NETWORK OPERATIONS CENTRE (S-NOC) IMPLEMENTATION	5.15 SCOPE OF WORK FOR STATE-NETWORK OPERATIONS CENTRE (S-NOC) IMPLEMENTATION, Clause 27, Page#171	Data Lake	1. Kindly provide Data Lake platform details along with the Sizing details. 2. Does PIA need to consider HW sizing for Data Lake? 3. There is no line item in SOR for Data Lake solution. Kindly clarify the same.	Kindly refer the corrigendum-V alongwith master RFP for better clarity
182	Eligibility Criteria	3.1 PRE-QUALIFICATION CRITERIA	3.1 PRE-QUALIFICATION CRITERIA, 6 MAF, Page #41	MAF for Active and Passive equipments Note iv) and v)	Request you to change the clause iv) as "The bidder shall have freedom to interchange or upgrade the Secondary MAF to Primary MAF status without seeking approval from competent authority." Also kindly please request you to change clause v) as	No change. The provision shall remain as per the RFP.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					"v) The bidder shall be allowed to alter, interchange, or revise the priority order after submission."	
183	Instruction to Bidders	4.38 PERFORMANCE GUARANTEE	4.38 PERFORMANCE GUARANTEE Clause iv, Page#77	Estimated Project Cost	Kindly please request you to share Estimated Project Costs details.	No change. The provision shall remain as per the RFP.
184	Technical Specifications	Section 10 - Annexure B	XVIII. SMPS Battery (page no. 462)	Rectifier module / Capacity - a) Adequate capacity to cater DC load of 60Amp for electronic equipments. Rectifier modules of min 80 Amp (N+1) / 4KW to be supplied. Bidder has to consider charging current requirement for battery back-up separately. Selected Bidder can provide minimum 2 nos. rectifier modules	We suggest to write "OR" instead of "and" in the below sentence. 80A Rectifier with certified BIS and or type test module with STQC/SGS will be qualified. (we request for consideration about either of the certifications) As rectifier module is not a standalone	Please refer updated clause in corrigendum with master RFP

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
				each having minimum 80 Amp capacity per each SMPS. Since TEC GR for 80A is not available, 80A Rectifier with certified BIS and type test module with STQC/SGS will be qualified.	component and it needs to be use with prewired cabinet/SMPS and hence does not fall under BIS testing	

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
185	Eligibility Criteria	Appendix-A, Table-02	Sr. No. A	a) For the cases of (Lead with one Consortium) Cumulative Turnover of Rs. 4700 Cr (Min Rs. 2350 Cr of Lead bidder However, the other members of the consortium should have minimum Rs. 400 Cr average annual turnover during last 3 financial years) b) For the cases of (Lead with two Consortium) Cumulative Turnover of Rs. 4700 Cr (Min Rs. 1900 Cr of Lead bidder However, the other members of the each consortium member should have minimum Rs. 400 Cr average annual turnover during last 3 financial years)	Considering the size and nature of the project and to promote wider participation by competent consortiums, it is requested that the minimum technical experience requirement for the Lead Member may kindly be revised to INR 2,000 Crore (instead of the existing requirement), while allowing the balance technical experience to be fulfilled cumulatively by the other consortium member(s).	PI refer updated clause with corrigendum, Master RFP

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
186	Eligibility Criteria	Appendix-A, Table-02	Sr. No. B	Maximum Three (3) Orders/Organization Work, to fulfil total 30,000 Km or of value INR 1200 Cr. of having executed EPC OFC Network Construction project in Last 10 Years (Bidder can fulfil the above OFC experience either individual or cumulative however, Lead bidder should have minimum 50% experience out of total cumulative experience / technical capacity of 30,000 Km or Rs. 1200 Cr of having executed EPC OFC Network Construction project in the last 10 years (from bid submission date) within India. At least one Consortium partner should have minimum 25% experience out of total cumulative	It is requested that the consortium technical experience eligibility criteria may kindly be aligned with the eligibility provisions adopted in the BSNL ABP PIA Tender No. MM/BNO&M/BN-III/T-791/2024 issued on 15.02.2024, wherein the required technical experience can be fulfilled cumulatively by any member(s), subject to the prescribed minimum experience requirement of the Lead Bidder and consortium partner. This relaxation will encourage wider participation of technically competent consortiums while ensuring that the overall consortium possesses the	PI refer updated clause with corrigendum, Master RFP

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
				experience / technical capacity of 30,000 Km or Rs. 1200 Cr of having executed EPC OFC Network Construction project in the last 10 years (from bid submission date) within India.)	requisite technical capability for successful execution of the project.	

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
187	Eligibility Criteria	Appendix-A, Table-02	Sr. No. C	The bidder should have satisfactorily completed in the last 10 years within India, the O&M of any OFC network of 24 or more Core Under Ground OFC for the number of 'Year Kms' (for the network for which O&M has been done for at least one year) at least equal to 57,000 Kms (upto 40% of the O&M requirement can be met through O&M of 24 or more core aerial fibre cables) (deployed in BharatNet by BBNL or state SPV)/ ADSS/ OPGW OFC as required for EPC Network Construction capability mentioned above. (Bidder can fulfil the experience either individual or commulative		No change. The provision shall remain as per the RFP.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
				however, Lead bidder should have minimum 50% experience out of total cumulative experience / technical capacity of 57,000 Km of O&M requirements of OFC in last 10 years. At least one Consortium partner should have minimum 25% experience out of total cumulative experience / technical capacity of 57,000 Kms of O&M requirements of OFC in the last 10 years (from bid submission date) within India.)		

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
188	Eligibility Criteria	Appendix-A, Table-02	Sr. No. D	1,000 Numbers Min. 500 Numbers experience from atleast one consortium partner		No change. The provision shall remain as per the RFP.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
189	Eligibility Criteria	Section 3 – Eligibility Criteria Page-44	3.1, Appendix-A, Table-02, Sr. No. B	Maximum Three (3) Orders/Organization Work, to fulfil total 30,000 Km or of value INR 1200 Cr. of having executed EPC OFC Network Construction project in Last 10 Years. (Bidder can fulfil the above OFC experience either individual or cumulative however, Lead bidder should have minimum 50% experience out of total cumulative experience / technical capacity of 30,000 Km or Rs. 1200 Cr of having executed EPC OFC Network Construction project in the last 10 years (from bid submission date) within India. At least one Consortium partner should have minimum 25% experience out	Clause Change Request: Maximum Three (3) Orders/Organization Work, to fulfil total 30,000 Km or of value INR 1200 Cr. of having executed EPC OFC Network Construction project in Last 10 Years. (Bidder can fulfil the above OFC experience either individual or cumulative however, Lead bidder should have minimum 50% experience out of total cumulative experience / technical capacity of 30,000 Km or Rs. 1200 Cr of having executed EPC OFC Network Construction project in the last 10 years (from bid submission	PI refer updated clause with corrigendum, Master RFP

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
				of total cumulative experience / technical capacity of 30,000 Km or Rs. 1200 Cr of having executed EPC OFC Network Construction project in the last 10 years (from bid submission date) within India.) (with maximum three (3) orders/organizations* each for lead and consortium/s in last 10 years)	date) within India. At least one Consortium partner should have minimum 25% experience out of total cumulative experience / technical capacity of 30,000 Km or Rs. 1200 Cr of having executed EPC OFC Network Construction project in the last 10 years (from bid submission date) within India.) (with maximum three (3) orders/organizations * each for lead and consortium/s in last 10 years) Justification: Request GFGNL to remove the %age criteria for the Lead Bidder and Consortium Partner	

Sr. N o	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					to fulfill the OFC EPC experience as in all previous ABP framework based tenders rolled out in the last 2 years the above criteria is jointly met by the Consortium, as lately as the T-791 Tender for 16 packages rolled out pan India As mandated by DBN, this criteria is based on the requirements defined at the national level under the ABP framework, hence request GFGNL to amend the clause above and facilitate inclusion of cumulative experience by the Consortium Member(s), subject to meeting the overall prescribed	

Sr. N o	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					experience requirement. This will enable technically experienced OFC Companies to participate as Consortium Partners and promote wider participation without compromising the overall technical capability of the Consortium.	

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
190	Eligibility Criteria	Section 3 – Eligibility Criteria Page-44	3.1, Appendix-A, Table-02, Sr. No. C	The bidder should have satisfactorily completed in the last 10 years within India, the O&M of any OFC network of 24 or more Core Under Ground OFC for the number of 'Year Kms' (for the network for which O&M has been done for at least one year) at least equal to 57,000 Kms (upto 40% of the O&M requirement can be met through O&M of 24 or more core aerial fibre cables) (deployed in BharatNet by BBNL or state SPV)/ ADSS/ OPGW OFC as required for EPC Network Construction capability mentioned above. Year Kms: If O&M of "X" Kms of OFC has been done for "N"	Clause Change Request: The bidder should have satisfactorily completed in the last 10 years within India, the O&M of any OFC network of 24 or more Core Under Ground OFC for the number of 'Year Kms' (for the network for which O&M has been done for at least one year) at least equal to 57,000 Kms (upto 40% of the O&M requirement can be met through O&M of 24 or more core aerial fibre cables) (deployed in BharatNet by BBNL or state SPV)/ ADSS/ OPGW OFC as required for EPC Network Construction	PI refer updated clause with corrigendum, Master RFP

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
				years ($N \geq 1$), then 'Year Kms' = "X multiplied by N". (Bidder can fulfil the experience either individual or commulative however, Lead bidder should have minimum 50% experience out of total cumulative experience / technical capacity of 57,000 Km of O&M requirements of OFC in last 10 years. At least one Consortium partner should have minimum 25% experience out of total cumulative experience / technical capacity of 57,000 Kms of O&M requirements of OFC in the last 10 years (from bid submission date) within India.)	capability mentioned above. Year Kms: If O&M of "X" Kms of OFC has been done for "N" years ($N \geq 1$), then 'Year Kms' = "X multiplied by N". (Bidder can fulfil the experience either individual or commulative however, Lead bidder should have minimum 50% experience out of total cumulative experience / technical capacity of 40,000 Km of O&M requirements of OFC in last 10 years. At least one Consortium partner should have minimum 25% experience out of total cumulative	

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					experience/ technical capacity of 57,000 Kms of O&M requirements of OFC in the last 10 years (from bid submission date) within India.) Justification: Request GFGNL to remove the %age criteria for the Lead Bidder and Consortium Partner to fulfill the OFC O&M experience as in all previous ABP framework based tenders rolled out in the last 2 years the above criteria is jointly met by the Consortium, as lately as the T-791 Tender for 16 packages rolled out pan India. As mandated by DBN, this criteria is based on the requirements	

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					defined at the national level under the ABP framework, hence request GFGNL to amend the clause above and facilitate inclusion of cumulative experience by the Consortium Member(s), subject to meeting the overall prescribed experience requirement. This will enable technically experienced OFC O&M Companies to participate as Consortium Partners and promote wider participation without compromising the overall technical capability of the Consortium.	

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
191	Fact Sheet	v) FACT SHEET Page 60	12	Bid Security/ Earnest Money Deposit (EMD) Amount Payable - Rs. 50 Cr (Rupees Fifty Crore only) 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.	We request GFGNL to reduce the value of EMD value from INR 50 Cr to INR 20 Cr, as considering this tender is conceptualised under ABP framework, rolled out by DBN wherein the previous T-791 tender the bidder participating for all the 16 packages had to bear a bid security of INR 20 Cr only, hence we request the authority to accept surety bonds for a value of 20 INR Cr in this tender too so that it reduces the financial burden and blocking of working capital which will be a major factor to execute the project considering the payment terms and project milestones respectively.	No change. The provision shall remain as per the RFP.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
192	Project Timelines	Section 6 Page 273	6.2 PROJECT TIMELINE S	6.2 PROJECT TIMELINES *Milestone (I) - T0+ 180 Days - Aggregate commissioning of 12% GPs in a ring visible on the S-NOC *Milestone (II) -T0+ 360 Days - Aggregate commissioning of 40% GPs Phase-I in a ring visible on the S-NOC *Milestone (III) - T0+ 540 Days - Aggregate commissioning of 60% GPs in a ring visible on the S-NOC *Milestone (IV) - T0+ 720 Days -Aggregate commissioning of 80% GPs in a ring visible on the S-NOC *Milestone (V) - T0+ 900 Days - Aggregate commissioning of 100% GPs in a ring visible on the S-NOC	We request you to amend the project milestones timelines as below: *Milestone (I) - T0+ 180 Days 240 Days - Aggregate commissioning of 12% GPs in a ring visible on the S-NOC *Milestone (II) -T0+ 360 Days 450 Days - Aggregate commissioning of 40% GPs Phase-I in a ring visible on the S-NOC *Milestone (III) - T0+ 540 Days 690 Days - Aggregate commissioning of 60% GPs in a ring visible on the S-NOC *Milestone (IV) - T0+ 720 Days 810 Days - Aggregate commissioning of 80% GPs in a ring visible on the S-NOC *Milestone (V) - T0+ 900 Days 1050 Days -	No change. The provision shall remain as per the RFP.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					Aggregate commissioning of 100% GPs in a ring visible on the S-NOC	

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
193	Project Timelines	Section 6 Page 68	6.1 SNOC COMPONENTS DELIVERY TIMELINES	* T + 2 Week - Mobilization & Initial Readiness - 10% of NOC total Capex Value * T + 2 Weeks - Core NOC Platform Deployment - 20% of NOC total Capex Value * T + 6 Weeks - Basic Operationalization - 10% of NOC total Capex Value * T + 9 Weeks - Full Operational Readiness (Critical Milestone) - 20% of NOC total Capex Value * T + 11 Weeks - Integration & Service Enablement - 10% of NOC total Capex Value * T + 13 Weeks - Advanced Configuration & Stabilization - 5% of NOC total Capex Value	We request you to amend the SNOC timelines and Payment terms as below: * T + 2 Week 4 Week - Mobilization & Initial Readiness - 10% of NOC total Capex Value * T + 2 Weeks 12 Week - Supply of materials and software for NOC - 50% of Noc Total Capex Value on prorata basis. - Core NOC Platform Deployment - 20% 20% of NOC total Capex Value * T + 6 Weeks 16 Week - Basic Operationalization - 10% 5% of NOC total Capex Value * T + 4 Weeks 20 Week - Full Operational Readiness (Critical Milestone) - 20%	No change. The provision shall remain as per the RFP.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
				* T + 15 Weeks - Pre-Final Readiness - 5% of NOC total Capex Value *T + 17 Weeks (90 Days) - Final Acceptance & Go-Live- 20% of NOC total Capex Value	5% of NOC total Capex Value * T + 11 Weeks 24 Week - Integration & Service Enablement - 10% 5% of NOC total Capex Value * T + 13 Weeks 28 Week - Advanced Configuration & Stabilization - 5% of NOC total Capex Value * T + 15 Weeks 30 Week - Pre-Final Readiness - 5% of NOC total Capex Value *T + 17 Weeks (90 Days) 32 Weeks - Final Acceptance & Go-Live- 20% 5% of NOC total Capex Value	

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
194	Project Timelines	Section 6 Page 276	6.4 PAYMENT SCHEDULE OF PROJECT/ PAYMENT OF BID PROJECT COST	h) For GPs planned in a Ring: Payments: 1a. Commissioning of electronic equipment (router) at Sub-Block including master-block - 75% of Sub-Block equipment cost 1b. Commissioning of electronic equipment (router) at GP - 75% of GP equipment cost 2. Commissioning of at least 90% electronic equipment (router) of a ring (at least 90% GPs including Sub-Block to sub-block in a ring) - 5% of equipment cost (sub Block and GP) 3. Commissioning of individual rings as specified in SI No. 2 - 80% of OFC construction cost*** 4. 90% GPs of respective Sub-Block visible in SNOC	It is requested to kindly amend the clause: Payments : 1a- 1. Supply of Block equipment - 75% of Block Equipment cost on prorata basis upon supply at Block warehouse 1a-2. Commissioning of electronic equipment (router) at Block:10% of Block equipment cost on prorata basis 1b-1 : Supply of GP Equipment - 75% of GP Equipment cost on prorata basis upon supply at Block warehouse 1b-2: Commissioning of electronic equipment (router) at GP* :10% of GP equipment cost on prorata basis 1c-1 : Supply of OFC and Accessories for GP and Block ring -	No change. The provision shall remain as per the RFP.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
				including master-block(co-located sub block) - 10% of equipment and OFC construction cost 5. At-least 90% GPs of 90% Sub-Blocks are completed (visible in S NoC) - 5% of OFC construction cost 6. Completion of project with or without short closure - 5% of OFC construction cost	75% of cost of OFC and Accessories on prorata basis upon supply at Block warehouse 1c-2 : End to end testing of individual OFC Link - 10% of cost of OFC and accessories. 2.Commissioning of atleast 90%50% electronic equipment (router) of a ring : 5% of equipment (Block & GP) 3.Commissioning of individual rings as specified in Sl.No. 2 (validated through C-NOC by IP ping)**5% of OFC construction cost: Cumulative payment 90% 4. 90% GPs of respective Block visible in S-NOC: 10%2.5% of equipment and OFC construction	

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					cost 5. At-least 90% GPs of 90% Blocks are completed (visible in S NoC): 5% 2.5% of equipment and OFC construction cost 6. All 100% GPs of 90% Blocks are completed: 2.5% of equipment and OFC construction cost 7. Completion of project with or without short closure: 5% 2.5% of equipment and OFC construction cost	

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
195	Eligibility Criteria	Section 3 Page 53	3.1 Pre-Qualification Criteria	Note 4: Any Bidder found to have a Conflict of Interest shall be disqualified. In the event of disqualification, GFGNL shall be entitled to blacklist/suspend the Bidder from participation in the tendering process for the work of DST(Department of Science and Technology) / any public sector undertaking engaged in Telecom / OFC business and any work under other Centrally Sponsored Schemes for a period of one year from the Bid Date and/or forfeit and appropriate the Bid Security or Performance Security, as the case may be, as	We would like to highlight that debarment or banning of an organization has a larger impact for business since bigger companies like L&T Technology Services operates in multiple domain, business areas and multiple geographies. Considering the same we request to amend the clause as below: 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	No Change

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
				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.	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	

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

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
196	Instruction to Bidders	Section-4 Page 104	4.67 APPENDIX -1 - CRITICAL INSTRUCTIONS TO BIDDER	The following cases may also be considered for Banning of business: (a) If there is strong justification for believing that the proprietor, manager, MD, Director, partner, employee or representative of the vendor/ supplier has been guilty of malpractices such as bribery, corruption, fraud, substitution of tenders, interpolation, misrepresentation with respect to the contract in question. (b) If the vendor/ supplier fails to execute a contract or fails to execute it satisfactorily beyond the provisions of Para 4.1 & 4.2. (c) If the vendor/ supplier fails to submit required	Since other recourses against Contractor's default are available such as Forfeit of PBG, LD etc, It is requested to kindly remove the Banning Clause & amend as follow: Termination of PO/ WO/Forfeit of PBG, LD or as deemed suitable by GFGNL. Banning of business for 3 years which implies Barring further dealing with the vendor for procurement of Goods & Services including participation in future tenders invited by DST/GFGNL for 3 years from date of issue of banning order.	No change. The provision shall remain as per the RFP.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
				documents/ information, where required. (d) Any other ground which in the opinion of GFGNL is just and proper to order for banning of business dealing with a vendor/ supplier. Action to be taken: i) Banning of business for 3 years which implies Barring further dealing with the vendor for procurement of Goods & Services including participation in future tenders invited by DST/GFGNL for 3 years from date of issue of banning order.		

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
197	Instruction to Bidders	Section 4 Page 67	4.18 REJECTION OF BIDS	Technical Rejection criteria: c. Failure to furnish all information mentioned in the RFP or submission of a bid not substantially responsive to the RFP in every respect. g. If the bid does not conform to the timelines indicated in the RFP.	We request that if authority feels that there is some shortfall in the document submitted by bidder, authority should ask clarification with adequate time to submit the required document. We understand that the rejection criteria clauses shall be applicable only when bidder is not providing the required clarifications asked by the tenderer within the given timeline. Kindly confirm.	Refer the corrigendum V with master RFP

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
198	Instruction to Bidders	Section 4 Page No. 87	4.37 Easements, Permits, Licenses and other Facilities	The PIA shall obtain at its own cost, all easements, permits and licenses, required to execute the contract including but not limited to following: a. "Right of Way" easements and permits. b. Railway, Highway, Forest and other Authorities crossing permits including bridge. c. Canal/stream crossing permits. d. ROW PIA shall pay applicable charges against the demand note/ estimate raised by the concerned authorities. PIA shall submit the copies of the proof of payment along with the invoices for reimbursement. II. No extra charges	Kindly modify this clause and confirm that all easements, permits and license necessary to do work including following for which the payment to the concerned authorities shall be provided by GFGNL against the demand note/estimate raised by the concerned department. "Bidder shall support GFGNL for follow up and coordination with the concerned authorities for expediting such permits/licenses, However Payment will be done by GFGNL only"	Refer the corrigendum V with master RFP

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
				will be paid to the bidders for pursuance of easements, permits, RoW etc. from the different local authorities.		
199	Instruction to Bidders	Section 4 Page No. 87	4.37 Easements, Permits, Licenses and other Facilities	VI. At locations where the optical fiber cable trench is routed across or along railways or roads the bidder shall without extra cost provide and maintain such detours and road	We understand the bidder will be paid as per the the actual RKm implemented based on the quoted Unit rates. Kindly confirm.	Refer the corrigendum V with master RFP

Sr. N o	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
				controls as are required by the railways or government or local agencies having jurisdiction.		

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
200	SLA & Penalty	Section 7 Page 290	7.3 CONSTRUCTION PHASE	(i) All the Gram Panchayats (GPs) should be connected as per the scope of work defined and Project Completion Schedule. The Penalties applicable for not meeting the Milestones are as below: (ii) Should the PIA fail to achieve the defined Project Milestone within the period prescribed clause in above section, GFGNL, without prejudice to other remedies available to it shall be entitled to recover, as agreed, liquidated damages (LD) as follows: a) at a sum equivalent to 0.5% of the value of incomplete GPs as per milestone for	It is requested to kindly amend the clause as follow: (ii) Should the PIA fail to achieve the defined Project Milestone within the period prescribed clause in above section, GFGNL, without prejudice to other remedies available to it shall be entitled to recover, as agreed, liquidated damages (LD) as follows: a) at a sum equivalent to 0.5% 0.2% of the value of incomplete GPs as per milestone for each week of delay or part thereof for a period up to 10 (TEN) weeks, and thereafter	Refer the corrigendum V with master RFP

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
				each week of delay or part thereof for a period up to 10 (TEN) weeks, and thereafter b) at the rate of 0.7% of the value of the incomplete GPs as per milestone for each week of delay or part thereof for another 10 (TEN) weeks of delay. (LD is capped at 12% of Project cost). c) The Value of incomplete GP for the purpose of calculation of LD shall be taken as equal to the Total Project Cost (PO Value excluding O&M charges) divided by the number of GPs as per SOR.	b) at the rate of 0.7% 0.3% of the value of the incomplete GPs as per milestone for each week of delay or part thereof for another 10 (TEN) weeks of delay. (LD is capped at 12% 10% of package cost).	

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
201	SLA & Penalty	Section 7 Page 305	7.10.2.7 MTTR PENALTY	d) For the ABP Project, Only for the penalty clauses provisions under MTTR, Service Provisioning By PIA From S-Noc, Node Threat (Service Interruption), GP Downtime SLA for Consecutive Times(except for dark fibre) maximum penalty ceiling for any particular site / location shall be equal to 20% of the total quarterly OPEX charges to be paid for respective site.	We request you to please amend the overall SLA capping as: d) Maximum penalty ceiling for any particular site / location shall be equal to 20% 10% of the total quarterly OPEX charges to be paid for respective site.	Refer the corrigendum V with master RFP

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
202	Financial Bid	Section 8 Page 340	8.4 Rights to Vary Quantities	ii). Additional quantities up to 50% of works contained in the running tender/ contract can be ordered during the contract execution stage or within a period of twelve months (earliest one) from date of commissioning of 90% of GPs (and 100% blocks) at the same rate or a rate negotiated (downwardly) with the existing contractors considering the reasonability of rates based on prevailing market conditions and the impact of reduction in taxes and material/services to be obtained within time period scheduled afresh.	Considering the long duration of the project implementation kindly note that the OEMs will not hold the prices for 3 years due to various factors like commodity price escalation, exchange rate variation etc.. Hence request to amend the clause as follows: <i>"Additional quantities up to 50% of works contained in the running tender/ contract can be ordered within 1 years from the date of PO during the contract execution stage or within a period of twelve months (earliest one) from date of commissioning of 90% of GPs (and 100% blocks) at the</i>	Refer the corrigendum V with master RFP

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					<i>same rate or a rate negotiated (downwardly) with the existing contractors considering the reasonability of rates based on prevailing market conditions and the impact of reduction in taxes and material/services to be obtained within time period scheduled a fresh."</i>	
203	Financial Bid	Section 8 Page 341	8.4 Rights to Vary Quantities	iii). In exceptional situation where the requirement is of an emergent nature and it is necessary to ensure continued works from the existing contractors, GFGNL reserves the right to place repeat order up to 100% of the quantities of material/ services contained in the running tender/	In case of emergency situation request to kindly consider the rate as per mutually agreed upon based on the prevailing rates and amend the clause as follows: <i>"In exceptional situation where the requirement is of an emergent nature and it is necessary to ensure continued works from the</i>	Refer the corrigendum V with master RFP

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
				contract during the contract execution stage or within a period of twelve months from the date of completion of project at the same rate or a rate negotiated (downwardly) with the existing contractors considering the reasonability of rates based on prevailing market conditions and the impact of reduction in duties and taxes etc.	<i>existing contractors, GFGNL reserves the right to place repeat order up to 100% of the quantities of material/ services contained in the running tender/ contract during the contract execution stage or within a period of twelve months from the date of completion of project at the same rate or a rate negotiated (downwardly) at mutually agreed upon rates</i> with the existing contractors considering the reasonability of rates based on prevailing market conditions and the impact of reduction in duties and taxes etc"	

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
204	Instruction to Bidders	Section 4 Page 118	4.76 INCIDENTAL SERVICES	II. Constitution of OEC: a. The OEC shall comprise of atleast 3 members, appointed by DIGITAL BHARAT NIDHI(DBN)/ GFGNL.	We suggest to add the following provision for appointment of arbitrator as follows: "Failing the appointment of OEC in accordance to the above, OEC shall comprise of three arbitrators, each party shall appoint one arbitrator, and the two appointed arbitrators shall appoint the third arbitrator who shall act as the presiding arbitrator under the terms of Section 11 of Arbitration and Conciliation Act, 1996".	Refer the corrigendum V with master RFP

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
205	Instruction to Bidders	Section 4 Page 98	4.62 Fall Clause	b. GFGNL, for the extended period, if any, will determine and intimate the new price, taking into account various related aspects such as quantity, geographical location etc., and the date of its effect for the balance works to the vendor. In case the vendor does not accept the new price to be made applicable during the extended period and the date of its effect, GFGNL on behalf of USOF, DoT shall have the right to terminate the contract without accepting any further works. This termination of the contract shall be at the risk and responsibility of the Contractor and GFGNL reserves the	We would like to bring to your kind attention that due to increase in prices of semiconductors, it is very difficult to keep the same prices for long duration. Therefore we request you to kindly amend the clause as follow: GFGNL, for the extended period, if any, will determine and intimate the new price, taking into account various related aspects such as quantity, geographical location etc., and the date of its effect for the balance works to the vendor. The prices will be decided based on mutual discussion and agreement between GFGNL & PIA.	Refer the corrigendum V with master RFP

Sr. N o	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
				right to give work order for the balance works at the risk and cost of the defaulting vendor besides considering the forfeiture of its performance security.		

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
206	Instruction to Bidders	Section 4.32 Page 76	4.32 Third Party Damage	a) If the PIA damages other Private Service provider's cables /sewage line/ Government or public properties, such as electricity cable or roads etc., the damage charges/penalty will be paid by the PIA only as per the claim of such third party. GFGNL/DIGITAL BHARAT NIDHI(DBN), DoT will not be liable to pay any penalty or any damage charges made by the PIA as per the indemnity clause below:	It is requested to kindly confirm whether equipments theft, Intentional fiber cut, fiber Damage by any third party will be taken care by GFGNL and suitable time and cost compensation due to the above will be provided by GFGNL.	Refer the corrigendum V with master RFP
207	Instruction to Bidders	Section 4 Page 83	4.41 TERMINATION FOR DEFAULT	XII. GFGNL reserves the right to discontinue the contract any time in future depending upon directions from DIGITAL BHARAT NIDHI(DBN), DoT.	It is requested to clarify that bidder will not be liable for theft & Vandalism.	No change. The provision shall remain as per the RFP.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
208	Instruction to Bidders	Section 4 Page 81 of 589	4.41 TERMINATION FOR DEFAULT	XI. Termination for Convenience: GFGNL on behalf of DIGITAL BHARAT NIDHI(DBN), DoT, may, by prior written notice sent to the contractor at least 03 months in advance, terminate the Contract, in whole or in part at any time for its convenience. The notice of termination shall specify that termination is for DIGITAL BHARAT NIDHI(DBN), DoT's/ GFGNL's convenience, the extent to which performance of work under the Contract is terminated, and the date upon which such termination becomes effective	We understand, in case of termination as per direction from DIGITAL BHARAT NIDHI(DBN), DoT kindly confirm that the PIA shall be paid 100% amount of the items supplied and for services delivered as on date of termination including Work in progress at site. Further as per price schedule there is no separate supply and services defined. Hence request to define the guidelines for working out the split between supply and service scope.	No change. The provision shall remain as per the RFP.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
209	SLA & Penalty	Section 7 Page 292	7.6 Penalty for Cutting / Damaging the Old Cable	a) During excavation of trench, utmost care is to be taken by the bidder, so that the existing underground cables of GFGNL are not damaged or cut. In-case any damage/ cut is done to the existing cables of GFGNL, a penalty as per the schedule given below will be charged from the bidder or the amount will be deducted from his running bills.	It is requested to kindly provide the OFC route map or L14 Diagram for OFC Route so that proper estimation for route can be done	Please see preeceding Response
210	Scope Of Work	Section 5 Page 128	5.1 Scope of Work	c) Upgradation: To upgrade the existing network infrastructure from linear to IP-MPLS based ring topology across GPs and Block locations.	It is requested to kindly clarify that Bidder shall not be responsible for the issues in the existing Linear network across GP. Also, the delay caused due to any issues with the existing Linear network will not lead to levy of penalty to the bidder. The	Please refer Clause 5.6 FIBERIZATION AND DESIGN PRINCIPLES. PIA has to do fiber work for "Repair-Reconstruct-Rectify-Replace" of existing fiber of Phase-I and Phase-II, as a part of regular O&M activities.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					Bidder scope is limited to upgrade from Linear to IP-MPLS based ring topology for existing network. Kindly confirm.	
211	SLA & Penalty	Section 7 Page 310	7.10.2.16 PENALTY ON SPARE NON-AVAILABILITY	III. In case any equipment is not repairable due to non-availability of the spares, PIA shall replace the supplied products with equal or upgraded/ higher version during life time of contract (10 years) at free of cost. The liability of the PIA for replacement and spares shall be limited to the contract duration of 10 years or the subsequent extension given to the bidder by the GFGNL.	We recommend to clearly include Schedule for providing Mandatory Contract Spares for the O&M period which shall be delivered at the time of supply of the equipments. Any spare requirement over and above the defined mandatory spare list shall be procured separately by the purchaser from the OEM directly. Incase of any extension of the project beyond 10 years PIA shall not be responsible for spares or	Please see preeceding Response

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					replacement of products.	
212	Instruction to Bidders	Section 4 Page 114	4.73 SUB-CONTRACTS FOR SERVICES	VI. The no. of Subcontractors shall be limited to maximum 15.	Considering the large geographical span and complexity of the Project, we request not to restrict nos of sub-contractors to be deployed by the PIA. However, PIA shall duly inform GFGNL about the details of sub-contractors to be deployed at site.	Refer the corrigendum V with master RFP
213	Instruction to Bidders	Section 4 Page 115	4.73 SUB-CONTRACTS FOR SERVICES	The eligibility conditions for the Subcontractors shall be at least 50% 30% of the proportionate technical eligibility mentioned in Eligibility Experience Criteria (Sr. No.- 4-OFC Project/ OFC O&M / active elements works of project/O&M) in appendix-A for the proposed subcontracted works	Considering the large and complex scope to be delivered in a time bound manner, we request GFGNL to confirm that the eligibility conditions for the sub-contractor shall be at least 10% of the proportionate mentioned in eligibility criteria for the proposed subcontracted works	Refer the corrigendum V with master RFP

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
				other than material supplies. And for shelter infrastructure minimum 100+ shelter with ITC(Installation,testing, commissioning),or maintenance of Shelters /porta cabin to telecom/IP infrastructure provider/Tower Shelter, electrical work, Civil work related with Telecom/IT Site etc.	other than material supplies.	
214	Instruction to Bidders	Section 4 Page 83	4.41 TERMINATION FOR DEFAULT	XII. GFGNL reserves the right to discontinue the contract any time in future depending upon directions from DIGITAL BHARAT NIDHI(DBN), DoT	We understand, In case of termination as per direction from DIGITAL BHARAT NIDHI(DBN), DoT kindly confirm that the PIA shall be paid 100% amount of the items supplied and for services delivered as on date of termination including Work in progress at site.	Refer the corrigendum V with master RFP

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					Further as per price schedule there is no separate supply and services defined. Hence request to define the guidelines for working out the split between supply and service scope.	
215	Instruction to Bidders	Section 4 Page 83	4.41 TERMINATION FOR DEFAULT	XII. GFGNL reserves the right to discontinue the contract any time in future depending upon directions from DIGITAL BHARAT NIDHI(DBN), DoT	Further as per price schedule there is no separate supply and services defined. Hence request to define the guidelines for working out the split between supply and service scope. Alternatively, we request you to amend the price schedule and allow bidder to quote prices for Supply & Services separately so that prices for each type of activity can be discovered through this bid process.	Refer the corrigendum V with master RFP

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
216	Instruction to Bidders	Section 4 Page 83	4.41 TERMINATION FOR DEFAULT	XII. GFGNL reserves the right to discontinue the contract any time in future depending upon directions from DIGITAL BHARAT NIDHI(DBN), DoT	PIA shall be given atleast 6 months notice and should be covered for all cost incurred in such scenario. Kindly confirm	Refer the corrigendum V with master RFP
217	Instruction to Bidders	Section Page 76	4.32 THIRD PARTY DAMAGE	I. If the PIA damages other Private Service provider's cables /sewage line/ Government or public properties, such as electricity cable or roads etc., the damage charges/penalty will be paid by the PIA only as per the claim of such third party. GFGNL/DIGITAL BHARAT NIDHI(DBN), DoT will not be liable to pay any penalty, or any damage charges made by the PIA as per the indemnity clause below:	It is requested to kindly confirm whether equipments theft, Intentional fiber cut, fiber Damage by any third party will be taken care by GFGNL and suitable time and cost compensation due to the above will be provided by GFGNL.	Refer the corrigendum V with master RFP

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
218	Instruction to Bidders	Section Page 76	4.33 UTILITIES	a. Existing utilities and roads: Notwithstanding anything to the contrary contained herein, the PIA shall ensure that the Government Instrumentalities owning the existing roads, right of way or utilities, on, under or above the Site (Route) of the New Network and/or the Existing Network are enabled by it to keep such utilities in continuous satisfactory use, if necessary, by providing suitable temporary or permanent diversions with the authority of the controlling body of that road, right of way or utility, and shall initiate and undertake at its own cost, legal	Kindly modify the clause incorporating the following. 1. PIA shall not be held responsible for delay in obtaining Row permission. 2. All Statutory fees including Demand Draft in form of DD or BG to be directly submitted in name of the Tendering Authority. 3. Bidder's responsibility shall be limited to do the follow up and coordination for the purpose of documentation only. Authority will also facilitate RoW clearance with various agencies with cost compensation for RoW upon producing relevant documents.	Refer the corrigendum V with master RFP

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
				proceedings for acquisition of any right of way necessary for such diversion.		
219	Instruction to Bidders	Section Page 76	4.33 UTILITIES	a. Existing utilities and roads: Notwithstanding anything to the contrary contained herein, the PIA shall ensure that the Government Instrumentalities owning the existing roads, right of way or utilities, on, under or above the Site (Route) of the New Network and/or the Existing Network are enabled by it to keep such utilities in continuous satisfactory use, if necessary, by providing suitable temporary or permanent diversions with the authority of the controlling body	We understand that power supply (including provision of electrical connection and associated charges) will be in the scope of GFGNL. Kindly confirm our understanding.	Refer the corrigendum V with master RFP

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
				of that road, right of way or utility, and shall initiate and undertake at its own cost, legal proceedings for acquisition of any right of way necessary for such diversion.		
220	Scope Of Work	Section 5.2 Page 134	5.2 DETAILED SCOPE OF WORK	xii).The PIA shall replace the existing GPON equipment with IP-MPLS routers (Access/ Aggregator)	It is requested to kindly clarify: 1. PIA has to dismantle the existing GPON equipments & handover it to GFGNL which require the dismantling services along with the transportation cost. It is requested to kindly clarify the guideline for handing over these GPON equipments to the GFGNL warehouses. 2. Please confirm that in case GFGNL is	Refer the corrigendum V with master RFP

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					not taking handover within 1 week the PIA shall have the right to dispose off the equipment. Kindly confirm.	
221	Scope Of Work	Section 5 Page 140	5.5.1	Ring architecture using IP-MPLS	Clarify redundancy requirement. Whether dual-homing is mandatory at GP and Sub-block levels.	Refer the corrigendum V with master RFP
222	Scope Of Work	Section 5 Page 140	5.6	fiberization Principles	Clarify minimum fibre core allocation per GP for scalability	Refer the corrigendum V with master RFP
223	Scope Of Work	Section 5 Page 175	5.14	IP-MPLS routers (Block/GP)	Confirm whether Segment Routing (SR-MPLS) is mandatory or optional	Refer the corrigendum V with master RFP

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
224	Eligibility Criteria	Section 3 – Eligibility Criteria Page 44	3.1, Appendix-A, Table-02, Sr. No. C	For Active Equipment's Experience (Numbers) Consortium Partner and/or Lead Bidder 1,000 Numbers Min. 500 Numbers experience from atleast one consortium partner	Clause Change Request: For Active Equipment's Experience (Numbers) Consortium Partner and/or Lead Bidder 1,000 Numbers Min. 500 Numbers experience from atleast one consortium partner Justification: Request GFGNL to remove the minimum Nodes requirement from Consortium Partner to fulfill this criteria as in all previous ABP framework based tenders rolled out in the last 2 years the above criteria is jointly met by the Consortium, as lately as the T-791 Tender	No change. The provision shall remain as per the RFP.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					for 16 packages rolled out pan India. As mandated by DBN, this criteria is based on the requirements defined at the national level under the ABP framework, hence request GFGNL to amend the clause above and facilitate inclusion of cumulative experience by the Consortium Member(s),	

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
225	Eligibility Criteria	Section 3 – Eligibility Criteria	3.1, Appendix-A, Table-02, Sr. No. B	Maximum Three (3) Orders/Organization Work, to fulfil total 30,000 Km or of value INR 1200 Cr. of having executed EPC OFC Network Construction project in Last 10 Years. (Bidder can fulfil the above OFC experience either individual or cumulative however, Lead bidder should have minimum 50% experience out of total cumulative experience / technical capacity of 30,000 Km or Rs. 1200 Cr of having executed EPC OFC Network Construction project in the last 10 years (from bid submission date) within India. At least one Consortium partner should have minimum 25% experience out	Clause Change Request: Maximum Three (3) Orders/Organization Work, to fulfil total 30,000 Km or of value INR 1200 Cr. of having executed EPC OFC Network Construction project in Last 10 Years. (Bidder can fulfil the above OFC experience either individual or cumulative however, Lead bidder should have minimum 50% experience out of total cumulative experience / technical capacity of 30,000 Km or Rs. 1200 Cr of having executed EPC OFC Network Construction project in the last 10 years (from bid submission	PI refer updated clause with corrigendum, Master RFP

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
				of total cumulative experience / technical capacity of 30,000 Km or Rs. 1200 Cr of having executed EPC OFC Network Construction project in the last 10 years (from bid submission date) within India.) (with maximum three (3) orders/organizations* each for lead and consortium/s in last 10 years)	date) within India. At least one Consortium partner should have minimum 25% experience out of total cumulative experience / technical capacity of 30,000 Km or Rs. 1200 Cr of having executed EPC OFC Network Construction project in the last 10 years (from bid submission date) within India.) (with maximum three (3) orders/organizations * each for lead and consortium/s in last 10 years) Justification: Request GFGNL to remove the %age criteria for the Lead Bidder and Consortium Partner	

Sr. N o	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					to fulfill the OFC EPC experience as in all previous ABP framework based tenders rolled out in the last 2 years the above criteria is jointly met by the Consortium, as lately as the T-791 Tender for 16 packages rolled out pan India As mandated by DBN, this criteria is based on the requirements defined at the national level under the ABP framework, hence request GFGNL to amend the clause above and facilitate inclusion of cumulative experience by the Consortium Member(s), subject to meeting the overall prescribed	

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					experience requirement. This will enable technically experienced OFC Companies to participate as Consortium Partners and promote wider participation without compromising the overall technical capability of the Consortium.	

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
226	Eligibility Criteria	Section 3 – Eligibility Criteria	3.1, Appendix-A, Table-02, Sr. No. C	The bidder should have satisfactorily completed in the last 10 years within India, the O&M of any OFC network of 24 or more Core Under Ground OFC for the number of ‘Year Kms’ (for the network for which O&M has been done for at least one year) at least equal to 57,000 Kms (upto 40% of the O&M requirement can be met through O&M of 24 or more core aerial fibre cables) (deployed in BharatNet by BBNL or state SPV)/ ADSS/ OPGW OFC as required for EPC Network Construction capability mentioned above. Year Kms: If O&M of “X” Kms of OFC has been done for “N”	Clause Change Request: The bidder should have satisfactorily completed in the last 10 years within India, the O&M of any OFC network of 24 or more Core Under Ground OFC for the number of ‘Year Kms’ (for the network for which O&M has been done for at least one year) at least equal to 57,000 Kms (upto 40% of the O&M requirement can be met through O&M of 24 or more core aerial fibre cables) (deployed in BharatNet by BBNL or state SPV)/ ADSS/ OPGW OFC as required for EPC Network Construction	PI refer updated clause with corrigendum, Master RFP

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
				years ($N \geq 1$), then 'Year Kms' = "X multiplied by N". (Bidder can fulfil the experience either individual or commulative however, Lead bidder should have minimum 50% experience out of total cumulative experience / technical capacity of 57,000 Km of O&M requirements of OFC in last 10 years. At least one Consortium partner should have minimum 25% experience out of total cumulative experience / technical capacity of 57,000 Kms of O&M requirements of OFC in the last 10 years (from bid submission date) within India.)	capability mentioned above. Year Kms: If O&M of "X" Kms of OFC has been done for "N" years ($N \geq 1$), then 'Year Kms' = "X multiplied by N". (Bidder can fulfil the experience either individual or commulative however, Lead bidder should have minimum 50% experience out of total cumulative experience / technical capacity of 57,000 Km of O&M requirements of OFC in last 10 years. At least one Consortium partner should have minimum 25% experience out of total cumulative	

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					experience/ technical capacity of 57,000 Kms of O&M requirements of OFC in the last 10 years (from bid submission date) within India.) Justification: Request GFGNL to remove the %age criteria for the Lead Bidder and Consortium Partner to fulfill the OFC O&M experience as in all previous ABP framework based tenders rolled out in the last 2 years the above criteria is jointly met by the Consortium, as lately as the T-791 Tender for 16 packages rolled out pan India. As mandated by DBN, this criteria is based on the requirements	

Sr. N o	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					defined at the national level under the ABP framework, hence request GFGNL to amend the clause above and facilitate inclusion of cumulative experience by the Consortium Member(s), subject to meeting the overall prescribed experience requirement. This will enable technically experienced OFC O&M Companies to participate as Consortium Partners and promote wider participation without compromising the overall technical capability of the Consortium.	

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
227	Eligibility Criteria	Section 3 – Eligibility Criteria	3.1, Appendix-A, Table-02, Sr. No. C	For Active Equipment's Experience (Numbers) Consortium Partner and/or Lead Bidder 1,000 Numbers Min. 500 Numbers experience from atleast one consortium partner	Clause Change Request: For Active Equipment's Experience (Numbers) Consortium Partner and/or Lead Bidder 1,000 Numbers Min. 500 Numbers experience from atleast one consortium partner Justification: Request GFGNL to remove the minimum Nodes requirement from Consortium Partner to fulfill this criteria as in all previous ABP framework based tenders rolled out in the last 2 years the above criteria is jointly met by the Consortium, as lately as the T-791 Tender	PI see preceding Response

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					for 16 packages rolled out pan India. As mandated by DBN, this criteria is based on the requirements defined at the national level under the ABP framework, hence request GFGNL to amend the clause above and facilitate inclusion of cumulative experience by the Consortium Member(s),	
228	Fact Sheet	v) FACT SHEET	12	Bid Security/ Earnest Money Deposit (EMD) Amount Payable - Rs. 50 Cr (Rupees Fifty Crore only) Note: i) As per the GoG guideline, EMD should be in the form of BG as per the GoG GR No.	We request GFGNL to reduce the value of EMD value from INR 50 Cr to INR 20 Cr, as considering this tender is conceptualised under ABP framework, rolled out by DBN wherein the previous T-791 tender the bidder participating	PI see preceding Response

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
				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.	for all the 16 packages had to bear a bid security of INR 20 Cr only, hence we request the authority to accept surety bonds for a value of 20 INR Cr in this tender too so that it reduces the financial burden and blocking of working capital which will be a major factor to execute the project considering the payment terms and project milestones respectively.	
229	Instruction to Bidders	4.38. PERFORMANCE GUARANTEE	iii	In case of Consortium, minimum 50% of the Performance Security in both cases (5% or 10%) shall be furnished by the Lead member of the Consortium.	We request GFGNL to allow the PBG submission (5% or 10%) as the sole responsibility of the Lead Member of the Consortium wherein a minimum of 51% to a maximum of 100% is the responsibility and accountability of	Pl see preceding Response

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					the Lead Member to submit.	
230	Technical Specifications	SECTION-10 SPECIAL TECHNICAL CONDITIONS	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS X. Remote Fibre Management System (RFMS)	Wavelength Supported 1650 nm, 1550 nm / 1310 nm	We would like to seeking confirmation for wavelength as this cause is contradicting with 2 other clauses in the RFP where required wavelength is mentioned as 1650nm, clauses as below. Clause c under X. Remote Fibre Management System (RFMS) Tender clause as below: c.The OTDR module is required of 1650 nm (used for dark and live monitoring both) and dynamic range should be 40 dB or higher. Pulse width selectable between 6ns and 20µs and better. Event dead zone: = <1 Meter.	PI refer updated clause with corrigendum, Master RFP

Sr. N o	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					Attenuation dead zone: 4 Meters; Optical distance accuracy: $\pm(0.75 + 0.0025\% \times \text{distance} + \text{sampling resolution})$. Clause c under X. Remote Fibre Management System (RFMS) Tender clause as below: d. The RFMS consist of eMS 1 Set and RTU as per BoM with all accessories as below 2 RTU -1 set Consists of :- 2.1 RTU with 48 port,1650nm wavelength,=>40dB. 1 no	

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
231	Eligibility Criteria	SECTION-3 ELIGIBILITY CRITERIA	Appendix # A #Table-02 For Lead Bidder and Consortium	Experience Of OFC-O&M (Kms) Consortium Partner and/or Lead Bidder in Last 10 Years The bidder should have satisfactorily completed in the last 10 years within India, the O&M of any OFC network of 24 or more Core Under Ground OFC OFC for the number of 'Year Kms' (for the network for which O&M has been done for at least one year) at least equal to 85,000 57,000 Kms (a minimum upto 40% of the O&M requirement should can be met through O&M of 24 or more core aerial fibre cables) (deployed in BharatNet by BBNL or state SPV)/ ADSS/ OPGW OFC as	Since Consortium participation is permitted, the Lead Bidder may be allowed to demonstrate experience in either OFC EPC Network Construction or OFC O&M, while the balance experience may be fulfilled by the Consortium Partner(s), subject to the overall cumulative experience requirement prescribed in the RFP. As per the current RFP clause, the requirement of minimum experience for the Lead Bidder in both OFC EPC and OFC O&M substantially restricts participation, and only 2–3 Lead	PI refer updated clause with corrigendum, Master RFP

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
				required for EPC Network Construction capability mentioned above. Year Kms: If O&M of "X" Kms of OFC has been done for "N" years ($N \geq 1$), then 'Year Kms' = "X multiplied by N". Min. 50% experience from at least one consortium partner (Bidder can fulfil the experience either individual or commulative however, Lead bidder should have minimum 50% experience out of total cumulative experience / technical capacity of 57,000 Km of O&M requirements of OFC in last 10 years. At least one Consortium partner should have minimum	Bidders are likely to qualify for participation. Kindly consider permitting the Lead Bidder to meet the minimum experience requirement through either OFC EPC Network Construction or OFC O&M experience, with the remaining experience being fulfilled by the Consortium Partner(s). This will facilitate wider participation of technically capable bidders and allow Consortium partners to contribute their respective EPC/O&M expertise. This change will enable us to participate in the	

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
				25% experience out of total cumulative experience / technical capacity of 57,000 Kms of O&M requirements of OFC in the last 10 years (from bid submission date) within India.)	tender and will promote wider and healthy competition.	

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
232	Eligibility Criteria	3.1 PRE-QUALIFICATION CRITERIA	3. Experience	Offered Product (OEM) NMS Experience: Deployment and maintaining of NMS including Helpdesk-Ticketing solution as a bundle, minimum 24,000 devices during last 10 years with 3 orders/ organizations works Definition of devices: Network devices will be same as mentioned above in active devices experiences.	We note and appreciate the revision to this criterion in Corrigendum-V. The criterion, as presently worded, evaluates OEM capability through an enumerated list of device families. In an NMS/OSS, however, manageability is determined by the element's management interface and not by its category - the platform discovers, monitors and manages any active element exposing a standard IP/SNMP management interface, and equally onboards elements through their respective EMS/NMS via SNMP, REST or other standard APIs. A	Please find updated clause in the corrigendum/master RFP

Sr. N o	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					closed enumeration therefore excludes elements that are managed identically by the same platform, under the same fault, performance and configuration aspects. We further observe that this definition is narrower than the monitoring scope the RFP itself mandates. The RFP requires the NMS to scale to 100,000+ elements and to monitor every SNMP-enabled device in the network (Clause 5.15(14)) - yet of the 102,000 elements listed in the RFP, over 85,000 fall squarely outside the qualifying device definition. The device mix in any network	

Sr. N o	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					reflects the customer's own architecture, not the platform's capability. What demonstrates maturity is the scale at which active IP/SNMP-manageable elements are sustained under a single unified platform - which is precisely the basis Clause 5.15(14) adopts, requiring the OSS to monitor "all the active devices, any other SNMP enabled devices in the network, IT systems in the S-NOC." Accordingly, we kindly request that the criterion be assessed on active IP/SNMP devices monitored and managed through the proposed	

Sr. N o	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					solution, and that the clause be amended as follows: "Offered Product (OEM) NMS Experience: Deployment and maintaining of NMS/OSS including Helpdesk-Ticketing solution as a bundle, minimum 24,000 IP/SNMP devices during last 10 years with 3 orders/organizations works. Definition of devices: Network devices shall include all active IP/SNMP devices monitored and managed through the proposed solution"	

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
233	Technical Specifications	XXXVI. Data Lake / Network Analytics Platform	XXXVI. Data Lake / Network Analytics Platform S.No. 4 Page 518	Support ingestion from NMS, EMS, Syslog Servers, SNMP Collectors, GIS Systems, Helpdesk/Ticketing Systems, Inventory Systems and third-party applications through APIs	We note that the Data Lake / Network Analytics Platform has been introduced as a distinct SoR line item in Corrigendum-V. As every other SoR line carries a defined quantity or specification against which bidders price, we kindly request that a minimum usable storage capacity (in TB) and the applicable retention basis be specified for this line item, so that all bidders price against a common capacity.	Pls refer Tech spec of at XXXVI. Data Lake / Network Analytics Platform. Clause no 15 which states that bidder shall size the solution considering expected data growth, analytics requirements, retention needs and optimal utilization of the proposed HCI infrastructure hosting EMS and other S-NOC Application
234	Project Timelines	6.6.2 Imported Equipment:	50: NMS/OSS Solution	NMS/OSS Solution: TSEC Not Required	We understand that Annexure XXXXV is the list of items for which a Manufacturer Authorisation Form (MAF) is to be submitted, and that the column header	Refer the updated Clauses in master RFP, TEC 48100: 2025 with latest amendments, if any will be consider, Further, in TSEC in clause 6.6 for NMS " Not Required" shall be read as "Required" onwards.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
235	Annexure & Formats	Annexure: XXXXV- List Of MAF Required.	XXX. Network Management System (NMS) XXXI. Operations Support System (OSS)	Annexure: XXXXV- List Of MAF Required. List of TSEC needs to review	"List of TSEC needs to review" appearing therein is not intended to impose a TSEC requirement - Clause 6.6(j) at Page 285 of 612 specifying TSEC as "Not Required" for the NMS/OSS Solution (Sr. 50) and the Helpdesk solution (Sr. 51). Kindly confirm that our understanding is correct, and that TSEC certification is not applicable to the NMS/ OSS, BSS, Helpdesk & Grievance Management and Inventory & Asset Management software modules listed at Sr. XXX to XXXV of Annexure XXXXV, MAF being the applicable	Refer the updated Clauses in master RFP, TEC 48100: 2025 with latest amendments, if any will be consider, Further, in TSEC in clause 6.6 for NMS " Not Required" shall be read as "Required" onwards.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					requirement for these items.	
236	Technical Specifications	54. (NMS + OSS + BSS):	Tentative periodicity and retention time(may change at the time of execution as per the need of project and operation)	Consolidated daily data- 180 Days/ 90days Consolidated Monthly data- 5 years/ 1 years	Kindly clarify, which of the alternate values - "180 Days" or "90 days" for consolidated daily data, and "5 years" or "1 year" for consolidated monthly data, is to be adopted for sizing purposes.	Update Clause: Consolidated daily data- 90days Consolidated Monthly data- 3 years However may change at the time of execution as per the need of project and operation

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
237	Eligibility Criteria	SECTION-3 ELIGIBILITY CRITERIA	3.1 PRE-QUALIFICATION CRITERIA (36)	The active nodes to be considered for this criterion can be i.e., either all or any one or any of the combination, IP MPLS Routers(other then FTTx/Wi-Fi CPE), Layer-3 Switches, BNGs, PTNs/CPANs, DWDM, OLTs of 16 or more ports, and OTN.	Request to Include L2 Switches as Eligible Active Network Elements We further request GFGNL to explicitly include Layer-2 (L2) Switches deployed as part of the Service Provider's network infrastructure for calculation of the required 24,000 active network elements. In Service Provider networks, L2 switches are integral network elements used for access, aggregation, interconnection and other network functions. Such switches are owned/operated by the Service Provider and are actively monitored and managed through the NMS.	PI refer updated clause with corrigendum, Master RFP

Sr. N o	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					In the case of GFGNL's existing network, L2 Switches constitute a significant part of the deployed network infrastructure (8,000+ L2 Switches out of 17,000 active network nodes). It is understood that the existing phase of the GFGNL network is already being managed through the NMS solution deployed by the NMSWorks, including management/monitoring of the network elements forming part of the existing GFGNL network. Therefore, excluding L2 Switches from the definition of eligible active network elements would not appropriately reflect the actual composition of the	

Sr. N o	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					GFGNL network or the practical NMS experience required for operating such a network. An L2 switch deployed within the Service Provider's own network is therefore fundamentally different from a customer-premises device such as an FTTx/Wi-Fi CPE. We understand and appreciate the exclusion of FTTx/Wi-Fi CPE from the qualification criterion. However, the exclusion of CPE devices should not be interpreted to exclude L2 switches forming part of the Service Provider's own network infrastructure. Accordingly, we	

Sr. N o	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					request that the eligible active network elements be amended to include: "IP MPLS Routers (other than FTTx/Wi-Fi CPE), Layer-2 Switches , Layer-3 Switches, BNGs, PTNs/CPANs, DWDM, OLTs of 16 or more ports, and OTN."	

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
238	Eligibility Criteria	SECTION-3 ELIGIBILITY CRITERIA	3.1 PRE-QUALIFICATION CRITERIA	The active nodes to be considered for this criterion can be i.e., either all or any one or any of the combination, IP MPLS Routers(other then FTTx/Wi-Fi CPE), Layer-3 Switches, BNGs, PTNs/CPANs, DWDM, OLTs of 16 or more ports, and OTN.	3. Request for Amendment – Multi-Technology and Multi-Vendor NMS Experience Existing Tender Provision: “The active nodes to be considered for this criterion can be i.e., either all or any one or any of the combination, IP MPLS Routers (other than FTTx/Wi-Fi CPE), Layer-3 Switches, BNGs, PTNs/CPANs, DWDM, OLTs of 16 or more ports, and OTN.” Concern The present provision permits the OEM to establish its NMS experience based on any one of the listed network-element categories. In our view, this does not adequately	Clause is self explanatory, However, bidder can refer illustration on 3 workorder/ organization for better clarity

Sr. N o	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					establish the NMS OEM's capability to handle a large-scale, multi-technology and multi-vendor Service Provider network. A Service Provider network such as GFGNL comprises multiple technologies and equipment from different Network Equipment OEMs. The NMS solution is therefore required to demonstrate its ability to integrate, monitor and manage heterogeneous network elements across different technologies and vendors. Accordingly, merely demonstrating NMS experience with one category of network equipment may not sufficiently establish the OEM's capability to deliver and	

Sr. N o	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					operate an integrated multi-vendor, multi-technology NMS environment. Requested Amendment We request GFGNL to kindly amend the above provision as follows: "The active network elements to be considered for this criterion shall comprise either all or a minimum of any three (3) combinations/categories from the listed network technologies , with the claimed experience demonstrating integration and management of network equipment from at least three (3) different Network Equipment OEMs."	

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
239	Eligibility Criteria	SECTION-3 ELIGIBILITY CRITERIA	3.1 PRE-QUALIFICATION CRITERIA	iii) Offered Product (OEM) NMS Experience: Deployment and maintaining of NMS including Helpdesk-Ticketing solution as a bundle, with Minimum 1 projects each catering to minimum 24,000 devices during last 7 years minimum 24,000 devices during last 10 years with 3 orders/ organizations works Definition of devices: Network devices will be same as mentioned above in active devices experiences.	Request to Exclude Helpdesk/Trouble-Ticketing Solution from OEM NMS Qualification We request GFGNL to kindly remove Helpdesk/Trouble-Ticketing solution from the mandatory OEM NMS experience qualification. An NMS and a Helpdesk/Trouble-Ticketing system are functionally different solutions. The core responsibility of an NMS is to provide network monitoring and management capabilities such as fault and alarm management, performance monitoring, availability monitoring, topology, event	PI refer updated clause with corrigendum, Master RFP

Sr. N o	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					management and network-element management. Helpdesk/Trouble-Ticketing, on the other hand, is primarily an IT/service-management workflow function. In large Tier-1 and Tier-2 Service Provider networks, the operator generally has an established ITSM/Helpdesk/Trouble-Ticketing platform, and the NMS is integrated with the existing platform through standard interfaces/APIs. Consequently, requiring the NMS OEM to demonstrate that its NMS was deployed together with and as a replacement for the customer's	

Sr. N o	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					Helpdesk/Trouble-Ticketing system may unnecessarily restrict qualified OEMs that have extensive experience in large-scale Service Provider NMS deployment and O&M. The fact that a Service Provider uses its existing or separately procured ITSM/Ticketing platform should not diminish the OEM's NMS deployment experience. We therefore request that Helpdesk/Trouble-Ticketing experience not be made a mandatory eligibility condition for establishing the OEM's NMS experience.	

Sr. N o	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					Where ticketing functionality is required in the proposed solution, the offered NMS may be required to have the capability to integrate with GFGNL's existing/proposed Helpdesk/ITSM/Trouble-Ticketing system. However, prior experience of replacing or supplying a Helpdesk/Trouble-Ticketing system should not be mandatory for OEM qualification.	

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
240	Eligibility Criteria	SECTION-3 ELIGIBILITY CRITERIA	3.1 PRE-QUALIFICATION CRITERIA	For offered NMS product OEM Experience: OEM shall have experience of Deployment and atleast one (1) year duration for O&M of network devices. (WO copy/ contract copy) with any of one document as legitimate evidence of claimed experience from client. i) O&M Work Experience & performance Certificate by clearly define deployed and maintained dates and types of devices	The documentary evidence for offered NMS Product OEM Experience is confusing as it asks for O&M of network devices instead of O&M of the deployed NMS for management of network devices. Accordingly, we request that the above shall be amended as: For offered NMS product OEM Experience: OEM shall have experience of Deployment and at least one (1) year duration for O&M of deployed NMS for management of network devices. (WO copy/ contract copy) with any of one document as legitimate evidence of claimed experience from client. i) O&M	No change. The provision shall remain as per the RFP, Isolation transformer for Source isolation

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					Work Experience&performance Certificate by clearly defined deployed and maintained dates and types of devices	
241	Technical Specifications	Section 10 - Annexure B	XI. Minimum Technical specifications for Uninterrupted Power Supply (UPS) System at GP (page no. 437)	Electrical Safety - Isolation transformer for Source isolation	Please suggest Isolation transformer to be placed in input side or at output side of UPS. As isolation transformer placed at either side shall provide necessary protection and safety	Refer the corrigendum V with master RFP

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
242	Technical Specifications	Section 10 - Annexure B	XI. Minimum Technical specifications for Uninterrupted Power Supply (UPS) System at GP (page no. 437)	Note:3 For monitoring major parameters including Input & Output Voltages, Inside & Outside Temperature, Alarms, % battery back up time left. The monitoring should be possible from SNOC/ 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.	provision for extension of the parameters mentioned can be provided with protocol. Please confirm, if S-NOC/ C-NOC monitoring software for UPS is also in the scope of UPS supplier.	The end objective is to monitor all performance parameters of network elements including power utility installed in the network through NMS at SNOC /CNOC. For Better Operation and Management ,it will be preferable to support through centrally/ locally based on technical and network feasibility.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
243	Technical Specifications	Section 10 - Annexure B	XVIII. SMPS Battery (page no. 480)	Rectifier module / Capacity - a) Adequate capacity to cater DC load of 60Amp for electronic equipments. Rectifier modules of min 80 Amp (N+1) / 4KW to be supplied. Bidder has to consider charging current requirement for battery back-up separately. Selected Bidder can provide minimum 2 nos. rectifier modules each having minimum 80 Amp capacity per each SMPS. Since TEC GR for 80A is not available, 80A Rectifier with certified BIS and type test module with STQC/SGS will be qualified.	We suggest to write "OR" instead of "and" in the below sentence. 80A Rectifier with certified BIS and OR type test module with STQC/SGS will be qualified. (we request for consideration about either of the certifications) As rectifier module is not a standalone component and it needs to be use with prewired cabinet/SMPS and hence does not fall under BIS testing rectifier module is component of SMPS (final product) and requires prewired cabinets are installed at sites and this need to install in designated slot for	PI refer updated clause with corrigendum, Master RFP

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					operation. In FAQ published by BIS, interpretation of standalone has been elaborated. Based on same, we request to erase the requirement of BIS certification for 80A rectifier. Otherwise the word 'and' can be replaced with 'OR'.	
244	Technical Specifications	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS (Page 432 of the tender document)	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS (Page 432 of the tender document)	Remote Fibre Management System (RFMS) Parameters Specifications Wavelength Supported: 1650 nm, 1550 nm, 1310 nm	Tender document has asked for the TEC GR (TEC 88150:2015 with latest amendment) compliance for RFMS. As per TEC GR, Wavelength supported shall be 1625nm or 1650nm. Hence we request to modify the clause and mention the Wavelength Supported as "1625nm or 1650nm" in line with latest TEC GR.	Pl see Preceding response

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
245	Eligibility Criteria	3	Annex-A/Table 1 (c)	Experience Of OFC-O&M (Kms) In Last 10 Years: The bidder should have satisfactorily completed in the last 10 years within India, the O&M of any OFC network of 24 or more Core Under Ground OFC for the number of 'Year Kms' (for the network for which O&M has been done for at least one year) at least equal to 57,000 Kms (upto 40% of the O&M requirement can be met through O&M of 24 or more core aerial fibre cables) (deployed in BharatNet by BBNL or state SPV)/ ADSS/OPGW OFC as required for EPC Network Construction capability mentioned above.	The quantity asked for OFC O&M Experience (57,000 Kms) seems too high in comparison to experience asked for implementation of OFC Project (25,000 Kms) and OFC Cable to be supplied in the tender (approx. 40,000 Kms). Referring to all previous BharatNet Phase III tenders, the requirement/quantity of OFC O&M Experience should be equivalent to requirement/quantity of experience asked for implementation of OFC Projects. We request to amend this clause as follows: The bidder should have satisfactorily completed in the last 10 years within India, the O&M of any OFC	PI refer updated clause with corrigendum, Master RFP

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
				Year Kms: If O&M of "X" Kms of OFC has been done for "N" years ($N \geq 1$), then 'Year Kms' = "X multiplied by N".	network of 24 or more Core Under Ground OFC for the number of 'Year Kms' (for the network for which O&M has been done for at least one year) at least equal to 30,000 Kms (upto 40% of the O&M requirement can also be met through O&M of 24 or more core aerial fibre cables) (deployed in BharatNet by BBNL or state SPV)/ ADSS/ OPGW OFC as required for EPC Network Construction capability mentioned above. Year Kms: If O&M of "X" Kms of OFC has been done for "N" years ($N \geq 1$), then 'Year Kms' = "X multiplied by N".	

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
246	Eligibility Criteria	3	Note 5 (53)	In case a Bidder is a Consortium, then the term Bidder as used in the Clause , shall include each Member of such Consortium.	Which clause this Note 5 is referring to? Please elaborate.	Clause is self explanatory.
247	Annexure & Formats	9	9.1(3) (343)	Certified that the period of validity of bids is 180 days from date of bid submission with claim period of over and above 45 days. In case of price validity beyond claim period, bidder need to submit BG with extendable period for price validity including claim period.	As per our understanding the clause should be rephrased as - Certified that the period of validity of bids is 180 days from date of bid submission with claim period of over and above 45 days. In case during the bid evaluation, if the price validity needs to be extended beyond claim period the validity of BG will also need to be extended including claim period suitably. Please review and make the correction accordingly.	Clause is self explanatory

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
248	Eligibility Criteria	3	3.1(3)b (36)	For OFC O&M Experience: The bidder should have satisfactorily completed in the last 10 years (from bid submission date) within India, the O&M of any OFC network of 24 or more Core Under Ground OFC [upto 40% of the O&M requirement can also be met through O&M of 24 or more core Aerial Fiber Cables (deployed in BharatNet by BBNL or state SPV) ADSS/OPGW OFC as required for EPC Network Construction capability mentioned above (a), refer the table details mentioned in Appendix # A.	The phrase '(deployed in BharatNet by BBNL or state SPV)' has been deleted in one of the clause (Clause 3.1.3b/page 36) but remain as it is in other clauses (Refer Note 5/page 38 & Annex-A/Table 1 C). Please review and confirm if it has been deleted by mistake.	PI refer updated clause with corrigendum, Master RFP

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
249	Eligibility Criteria	3	Note 5 (38)	If a bidder(The Sole bidder or any of the consortium members) falls short of the experience requirement through underground OFC-implementation, upto 40% of the requirement can also be met through work of 24 or more core Aerial Fiber Cables (ADSS/ OPGW) OFC (deployed in BharatNet by BBNL or state SPV)/ / TSPs, Category-A/B ISPs, IP-1, Central Government, State Government, Municipal Corporations for Smart City Projects, , PSUs for their own network. (i.e., the experience requirement shall primarily be considered for Operation &		PI refer updated clause with corrigendum, Master RFP

Sr. N o	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
				Maintenance (O&M) of Underground (UG) Optical Fiber Cable (OFC) with a fiber count of 24F or higher. Further, in order to promote wider participation, it is clarified that if a bidder does not fully meet the prescribed UG OFC O&M experience criteria, up to 40% of the required O&M experience may be fulfilled through experience in aerial OFC O&M of 24F or higher fiber count. Such aerial OFC experience pertain to networks <i>(deployed under BharatNet by BBNL or State SPVs)/</i> ADSS/OPGW OFC networks as required for EPC Network Construction capability mentioned above in the RFP.)		

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
250	Eligibility Criteria	3	Annex-A/Table 1 (c)	Experience Of OFC-O&M (Kms) In Last 10 Years: The bidder should have satisfactorily completed in the last 10 years within India, the O&M of any OFC network of 24 or more Core Under Ground OFC OFC for the number of 'Year Kms' (for the network for which O&M has been done for at least one year) at least equal to 57,000 Kms (upto 40% of the O&M requirement can be met through O&M of 24 or more core aerial fibre cables) (deployed in BharatNet by BBNL or state SPV)/ ADSS/OPGW OFC as required for EPC Network Construction capability mentioned above.		PI refer updated clause with corrigendum, Master RFP

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
251	Annexure & Formats	9	9.27 (397)	Format-XXVII: Non-Disclosure Agreement (NDA)	We understand this NDA is to be submitted only by selected PIA /L1 bidder only after issuance of work order. Please confirm.	No change As per RFP.
252	Technical Specifications	10	Notes for MTCTE and NSDTS (415)	MTCTE Certification: The offered model shall comply with the Mandatory Testing and Certification of Telecom Equipment (MTCTE) requirements of TEC/DoT as mentioned in product specifications mentioned below. Bidders whose offered model has been applied for MTCTE certification as on the bid submission date shall also be eligible to participate in the bidding process. Such bidders must submit documentary evidence of the	To the best of our understanding, MTCTE certification is generally required for Manufacturers (OEMs) of notified telecom equipment or Importers bringing notified telecom equipment into India. You are requested to please share list of telecom equipment for which MTCTE certification is mandatory to be taken before supply against this project.	Refer the RFP technical specification criteria for each line item for better clarity.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
				MTCTE application/status along with their bid. However, the successful bidder shall ensure submission of the valid MTCTE certificate for the offered model prior to supply of the product. No supply shall be accepted without the requisite MTCTE certification.		
253	Technical Specifications	10	Notes for MTCTE and NSDTS (415)	NSDTS / Trusted Telecom Compliance: As on the bid submission date, the bidder's company/entity shall be registered as a Trusted Source on the Trusted Telecom	As per our understanding - Under the National Security Directive on Telecommunication Sector (NSDTS), the entities that typically need to be designated and	Updated Clause: Refer Instead of Bidder ,read as The OEM company/entity for this clause.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
				Portal (TTP) under the National Security Directive on Telecommunication Sector (NSDTS). Documentary proof of such registration shall be submitted along with the bid. Further, the offered make and model of the Switch shall be duly cleared/approved on the Trusted Telecom Portal prior to supply. The successful bidder shall provide documentary evidence of such clearance before delivery of the equipment.	registered as a Trusted Source on the Trusted Telecom Portal (TTP) are the telecom equipment vendors/OEMs whose products are intended for deployment in Indian telecom networks operated by licensed telecom service providers (TSPs). Hence, instead of Bidder the OEM of offered Telecom products need to be registered on the Trusted Telecom Portal (TTP). Please confirm if our understanding is correct. Please also provide name of such telecom equipment for which this requirement is mandatory.	

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
254	Instruction to Bidders	4	4.77€ (119)	The bidder must source notified items mandatorily from Class-I local suppliers. The overall local content of bid shall be calculated as per Clause 2(e) of the DPIIT PPP-MII order, which states: "For contracts involving the supply of multiple items, the weighted average of all items shall be taken while calculating the local content.	As Routers comes under notified items, does that mean routers to be purchased from Class-I local suppliers only. Please confirm.	No change As per RFP.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
255	Scope Of Work	5	5.15 (1) (169)	1. GFGNL has already established S-NOC with state of art facilities at Udyogbhavan, Gandhinagar as part of the BharatNet Phase-II. The PIA will be required to upgrade these S-NOCs in accordance with the functional requirements mentioned below, by suitably modifying the indicative BoM after obtaining the approval from GFGNL/IE.The Active, IT and Non IT component list given in (clause 9.36) Annexure-XXXVI. This infrastructure can be utilized/upgrade/replaced to meet the requirements of ABP.GFGNL shall provide the space and power at SDC/SNOC.	As per clause 9.36 Annexure-XXXVI - Enclosure is missed for SNOC Active and Non-IT component Please share the same	Refer the annexure updated alongwith Master RFP updated earlier on website and procurement portal.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
256	Eligibility Criteria	3	6 (pg.41)	Description: MAF Documentary Proof: The Bidder or the lead member (in case of Consortium) should submit valid Manufacturer Authorization Form (MAF) from maximum two(2) for all active and four(4) for passive components (Like, (all types of OF Cables, Duct, Joint Closures (SJC & BJC), FDMS & FTB) (Routers, RFMS, UPS & Racks). Refer the list in Annexure-XXXXV for MAF Required.* For the NMS, OSS, BSS either individual element or combination of all/any PIA ensures maximum One(1) OEM MAF for each shall be allowed.	We request you to amend clause as per below to avoid any delivery challenge due to unavoidable circumstances The Bidder or the lead member (in case of Consortium) should submit valid Manufacturer Authorization Form (MAF) from maximum four (4) for all active, application OEM (NMS, OSS, BSS etc) and four(4) for passive components (Like, (all types of OF Cables, Duct, Joint Closures (SJC & BJC), FDMS & FTB) (Routers, RFMS, UPS & Racks). Refer the list in Annexure-XXXXV for MAF Required.* For the NMS, OSS,	PI refer updated clause with corrigendum, Master RFP Updated Clause: For the NMS, OSS, BSS either individual element or combination of all/any PIA ensures maximum Two(2) OEM MAF for each shall be allowed.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					BSS either individual element or combination of all/any PIA ensures maximum One(1) OEM MAF for each shall be allowed.	
257	Scope Of Work	5	5.11(b) (pg.158)	The bidder is responsible for providing telco-grade rack including it's mounted AC-to-DC power plants with redundancy at the SDC and will be installed in Racks.	As per the given clause, we assume that bidder has to provide Standard Telco grade with PDU and Cooling will be provided by GFGNL Kindly confirm.	Yes, as per clarification sought for SDC
258	Scope Of Work	5	5.11(b) (pg.158)	The bidder is responsible for providing telco-grade rack including it's mounted AC-to-DC power plants with redundancy at the SDC and will be installed in Racks.	We request you to clarify requirement of "AC to DC" power plant with redundancy is required? Is bidder has to propose "DC" power supply supported equipments (server, storage, ethernet Switch etc) OR bidder can propose "AC" OR "DC" power supply supported	Refer the queries response in Corrigendum-V: and Refer RFP Clause 5.11(b),

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					equipments Kindly clarify.	
259	Scope Of Work	5	52(a)(183)	a. Gujarat Fibre Grid Network Limited (GFGNL) intends PIA to procure services of a competent firms for establishing a GIS system to help in management, analysis, and display of its fibre network to be created (accurately to 20 cm geographical precision) as part of BharatNet Phase III implementation with 10 years of operations & Management. PIA shall arrange the storage on cloud with Cert-in and MelTY approved for videography and photography of survey and implementation project data. GFGNL shall provide compute and storage for rest of	We request you to allow PIA to use cloud with Cert-in and MelTY approved OR install local storage at SNOC to host videography data.	PI see Preceding response

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
				the application related requirement.		
260	Scope Of Work	5	54. (NMS + OSS + BSS): (189)	IX. PH-III tentative component count are as below along with periodicity and retention time. Consolidated daily data- 180 Days/ 90days Consolidated Monthly data- 5 years/ 1 years	We request you to provide exact Retention period to keep data as per given updated clause it two different tenure for individual respective daily (180 Days/ 90 Days) & monthly data (5 Years/1 Years).	Updated Clause Shall be read as; " Consolidated daily data- 180 Days Consolidated Monthly data- 3 years "
261	Financial Bid	8	8.3 FINANCIAL BID DETAILS(328)	Unlicensed Band Radio (UBR) 5.X with suitable Antenna, mounting fixture including all installation material and services without mast on either end (equipment to be supplied in pair to be installed at both ends of a link) for 1Gbps throughput - 1 Nos	As per 8.1 SCHEDULE OF REQUIREMENTS (SOR) page 315, line item 16.1 asked quantity is "290 Nos" where as per Financial Bid it is 1 Nos" Please clarify	No change. The provision shall remain as per the RFP.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
262	Financial Bid	8	8.3 FINANCIAL BID DETAILS (328)	Unlicensed Band Radio (UBR) 5.X with suitable Antenna, mounting fixture including all installation material and services without mast on either end (equipment to be supplied in pair to be installed at both ends of a link) for 500Mbps throughput - 1 Nos	As per 8.1 SCHEDULE OF REQUIREMENTS (SOR) page 315, line item 16.5 asked quantity is "125 Nos" where as per Financial Bid it is 1 Nos" Please clarify	No change. The provision shall remain as per the RFP.
263	Financial Bid	8	8.3 FINANCIAL BID DETAILS (328)	SITC(Supply, Installation, Testing and Commissioning) and acceptance of point to point Li-Fi / FSO link of 1G Capacity including tower/pole/mast/RTT earthing cable, lightening arrester, clamps/fixtures, optical /cat-6 patch cord & electrical cables etc - 1 Nos	As per 8.1 SCHEDULE OF REQUIREMENTS (SOR) page 315, line item 16.3 asked quantity is "21 Nos" where as per Financial Bid it is 1 Nos" Please clarify	No change. The provision shall remain as per the RFP.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
264	Financial Bid	8	8.3 FINANCIAL BID DETAILS (328)	SITC(Supply,Installation, Testing andCommissioning) and acceptance of point to point Li-Fi / FSO link of 10G Capacity including tower/pole/mast/ RTT earthing cable, lightening arrester, clamps/fixtures, optical /cat-6 patch cord & electrical cables etc - 1 Nos	As per 8.1 SCHEDULE OF REQUIREMENTS (SOR) page 315, line item 16.4 asked quantity is "20 Nos" where as per Financial Bid it is 1 Nos" Please clarify	No change. The provision shall remain as per the RFP.
265	Financial Bid	8	8.3 FINANCIAL BID DETAILS	MARR type mast (15 Mtr height) for UBR/DMW - 1 Nos	As per 8.1 SCHEDULE OF REQUIREMENTS (SOR) page 315, line item 16.2 asked quantity is "125 Nos" where as per Financial Bid it is 1 Nos" Please clarify	No change. The provision shall remain as per the RFP.
266	Technical Specifications	—	Clarification "04 Aug 2026"(333)	Sr. No. 481 "Since storage on cloud required for Videography which is to be done during Project phase. Further virtual inspection is also to be mandate	Kindly clarify tenure of the Cloud storage requirement with years as given clarification says "Project phase duration"	Cloud storage shall be provided by PIA for videography storage till 100% project completion and 100% go-live or till further instruction by GFGNL/DBN.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
				from C NOC. Retention of the data largely dependent on above two factors"	not clarify exact years to procure	
267	Technical Specifications	10	Annexure : XXXXV- List Of MAF Required. (611)	Annexure: XXXXV- List Of MAF Required. List of TSEC needs to review	As per the Annexure XXXXV is for MAF requirement where heading of table indicate TSEC needs to review Kindly change the same to "MAF Requirement" instead of TSEC	Refer the updated clause with master RFP/Corrigendum
268	Technical Specifications	10	Annexure : XXXXV- List Of MAF Required. (611)	XXVII. Security Fence with Chain Link Fence & Concertina Coil Y	We request you to change from "Y" to "N" for MAF requirement as it is not specific OEM and part of solution requirement	Refer the updated clause with master RFP/Corrigendum
269	Technical Specifications	10	Annexure : XXXXV- List Of MAF Required. (611)	XV. Technical Specifications for 8.0/ 7.0-meter long RCC pole working load of 115 Kgs "Y" XVI. Pole & mast for UBR installation "Y"	We request you to change from "Y" to "N" for MAF requirement as it is not specific OEM and part of solution requirement.	Refer the updated clause with master RFP/Corrigendum

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
270	Technical Specifications	10	Annexure : XXXXV- List Of MAF Required. (611)	XIX. Air Conditioning "Y" XX. Split air conditioner indoor "Y" XXIII. Manual -Change Over Switch Specification "Y"	We request you to change from "Y" to "N" for MAF requirement.	Refer the updated clause with master RFP/Corrigendum
271	Technical Specifications	10	Annexure : XXXXV- List Of MAF Required. (611)	XXXX. Workforce Management (WFM) Tool "Y" XXXXII. Depth Measurement Tool "Y" XXXXIII. Measurement Book (MB) Software Tool "Y" XXXXIV. Survey with Mobile App "Y" XXXXV. HOTO with Mobile App "Y"	We request you to change from "Y" to "N" for MAF requirement as it is not part of the SOR OR finance Bid line item requirements. Please amend and acknowledge.	No Change

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
272	Eligibility Criteria	Section 3 -Eligibility Criteria	3.1 PRE-QUALIFICATION CRITERIA Pg. No. 34	2.1 The Sole Bidder and In case of Consortium (combined turnover of lead bidder and Consortium member/s) should have an average annual turnover of at least following values in last three (3) audited financial years FY 2022-23, FY 2023-24, and FY 2024-25 or FY 2023-24, FY 2024-25, and FY 2025-26 (non-audited may allowed) as per table details mentioned in Appendix # A The Sole Bidder and Bidder in case of consortium (Lead and consortium) should be in the business of OFC Business or Telecom or EPC in underground utility (OFC or Power or	a) For the cases of (Lead with one Consortium) Cumulative Turnover of Rs. 2200 Cr (Min Rs.1400 Cr of Lead bidder However, the other members of the consortium should have minimum Rs. 400 Cr average annual turnover during last 3 financial years). Minimum Turn over FY 2024-25, FY 2025-26 and 2026-27 (non-audited may allowed) b) For the cases of (Lead with two Consortium) Cumulative Turnover of Rs. 2200 Cr (Min Rs. 1000 Cr of Lead bidder However, the each consortium member should have minimum Rs. 400 Cr average	PI refer updated clause with corrigendum, Master RFP

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
				Pipeline or GAS or other utility). Note: 1. Turnover considered would be a consolidated turnover of the company i.e. A parent Company can use the turnover of its subsidiaries (50% and above holding) but a child company cannot use parent company's turnover. However, both the company should have same domain experience. 2. Net Worth: Minimum Net Worth required for a Bidder shall be positive 470 Cr at the close of the preceding financial year or subsequent to that. Note: In case of Consortium, each member of the consortium should	annualturnover during last 3 financial years)	

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
273	Eligibility Criteria	Section 3 -Eligibility Criteria	3.1 PRE-QUALIFICATION CRITERIA Pg. No. 36	The Sole or lead bidder (in case of consortium) or any one consortium member should have demonstrable experience with following in last 10 Years, as on this bid submission date: i) For Optical Fibre: a) The Sole or lead bidder (in case of consortium) or any one consortium member/s should have experience / Technical Capacity of having executed EPC OFC Network Construction project consisting of 24 or more core Under Ground OFC (to be calculated as per formula defined below) in the last 10 years (from bid submission date)	Maximum Three (3) Orders/Organization Work, to fulfil total 30,000 Km or of value INR 1200 Cr. of having executed EPC OFC Network Construction project in Last 10 Years. Bidder can fulfil the above OFC experience either individual or cumulative experience / technical capacity of 30,000 Km or Rs. 1200 Cr of having executed EPC OFC Network Construction project in the last 10 years (from bid submission date) within India.	PI refer updated clause with corrigendum, Master RFP

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
				within India, for at least as per table details mentioned in Appendix # A The EPC OFC Construction project execution shall consist of both Supply of all material and Construction of OFC Network, i.e., For underground (UG) activities, experience related to individual components such as separate OFC construction activities (e.g., trenching & ducting (T&D), horizontal directional drilling (HDD)), OFC laying, ducts, etc., shall not be considered independently. Only the total executed OFC length (in km) under EPC mode shall be considered for experience evaluation.		

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
274	Eligibility Criteria	Section 3 -Eligibility Criteria	3.1 PRE-QUALIFICATION CRITERIA Pg. No. 36	AND b) For OFC O&M Experience: The bidder should have satisfactorily completed in the last 10 years (from bid submission date) within India, the O&M of any OFC network of 24 or more Core Under Ground OFC [upto 40% of the O&M requirement can also be met through O&M of 24 or more core Aerial Fiber Cables (deployed in BharatNet by BBNL or state SPV)/ ADSS/ OPGW OFC, as required for EPC Network Construction capability mentioned above in (a), refer the table details mentioned in Appendix # A	The bidder should have satisfactorily completed in the last 10 years within India, the O&M of any OFC network of 24 or more Core Under Ground OFC for the number of 'Year Kms' (for the network for which O&M has been done for at least one year) at least equal to 57,000 Kms upto 40% of the O&M requirement can be met through O&M of 24 or more core aerial fibre cables) (deployed in BharatNet by BBNL or state SPV)/ ADSS/ OPGW OFC as required for EPC Network Construction capability mentioned above. Year Kms: If O&M of "X" Kms of OFC has	PI refer updated clause with corrigendum, Master RFP

Sr. N o	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					been done for “N” years ($N \geq 1$), then ‘Year Kms’=” X multiplied by N”. (Bidder can fulfil the experience either individual or commulative experience / technical capacity of 57,000 Km of O&M requirements of OFC in last 10 years.	

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
275	Eligibility Criteria	Section 3 -Eligibility Criteria	3.1 PRE-QUALIFICATION CRITERIA Pg. No. 36	AND ii) For Active Equipment's Experience: Either Experience of Telecommunication equipment installation, commissioning and O&M (or AMC /warranty) as per table details mentioned in Appendix # A The active nodes to be considered for this criterion can be, <i>i.e., either all or any one or any of the combination</i>, IP MPLS Routers(other then FTTx/Wi-Fi CPE), Layer-3 Switches, BNGs, PTNs/CPANs, DWDM, OLTs of 16 or more ports, and OTN. The bidder should have available	1,000 Numbers of Active Equipment . ii) For Active Equipment's Experience: Either Experience of Telecommunication equipment installation, commissioning and OR O&M (or AMC /warranty) as per table details mentioned in Appendix # A The active nodes to be considered for this criterion can be, <i>i.e., either all or any one or any of the combination</i>, IP MPLS Routers(other then FTTx/Wi-Fi CPE), Layer-3 Switches, BNGs, PTNs/CPANs, DWDM, OLTs of 16 or more ports, Enode-B and OTN.	PI refer updated clause with corrigendum, Master RFP

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
				capacity of having executed Installation, Commissioning and O&M of Telecom Equipment, satisfactorily in the last 10 years within India,	The bidder should fulfil the above experience either individual or cumulative .	

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
276	Eligibility Criteria	Section 3 -Eligibility Criteria	3.1 PRE-QUALIFICATION CRITERIA	10. An ISP/ TSP license holder for Gujarat LSA shall be ineligible to participate.	1. Removal of the Clause The intent of this clause appears to be to prevent participation of entities that directly compete with BSNL as Telecom Service Providers (TSPs). However, the present tender has been floated by an SPV and does not involve direct competition with TSPs/ISPs. Accordingly, the clause unnecessarily restricts the participation of major Public Sector Undertakings and established telecom infrastructure providers such as RailTel and other qualified telecom entities. This may	No change. The provision shall remain as per the RFP.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					limit competition and reduce the pool of technically and financially capable bidders. Phase-I execution was undertaken by ISPs/TSPs such as BSNL, RailTel and PGCIL, demonstrating that entities with telecom/ISP credentials have the relevant technical capability and experience for execution of such projects. In the earlier tender, Tender No. GFGNL/GFG/e-file/263/2025/0006/ Phase-III (ABP in Gujarat), participation of entities holding ISP licences was permitted, thereby enabling wider participation and	

Sr. N o	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					better competition. It is therefore requested that the said clause be removed to enable wider participation and healthy competition. OR 2. Allow Parent Company to Participate as Bidder It is requested that a Parent Company whose subsidiary holds an ISP licence may also be permitted to participate as a bidder, provided that the Parent Company itself does not directly hold an ISP licence. The Parent Company may be permitted to	

Sr. N o	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					participate subject to submission of an undertaking that neither the bidder nor its relevant group entity shall undertake ISP-related services within the State of Gujarat during the currency of the contract, as applicable under the tender conditions. OR 3. Restriction to Apply Only to the Lead Bidder In case the restriction is considered necessary, it is requested that the same may be made applicable only to the Lead Bidder and should not restrict the participation of other consortium	

Sr. N o	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					members. Further, the Lead Bidder should be permitted to utilize the technical and financial credentials of its consortium members (Whereas a consortium members can be Parent Company that does not hold an ISP licence , even if its subsidiary company holds an ISP licence). Such participation may be permitted subject to submission of an undertaking that neither the Lead Bidder nor any of the consortium members shall undertake ISP-related services within the State of Gujarat during the currency of the contract, as may be	

Sr. N o	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					required under the tender conditions. We request GFGNL to kindly consider any of the above alternatives to ensure wider participation, healthy competition and availability of qualified telecom infrastructure providers.	

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
277	Eligibility Criteria	Section 3 -Eligibility Criteria	3.1 PRE-QUALIFICATION CRITERIA Pg. No. 36	AND ii) For Active Equipment's Experience: Either Experience of Telecommunication equipment installation, commissioning and O&M (or AMC /warranty) as per table details mentioned in Appendix # A The active nodes to be considered for this criterion can be, <i>i.e., either all or any one or any of the combination</i>, IP MPLS Routers(other then FTTx/Wi-Fi CPE), Layer-3 Switches, BNGs, PTNs/CPANs, DWDM, OLTs of 16 or more ports, and OTN. The bidder should have available	ii) For Active Equipment's Experience: Either Experience of Telecommunication equipment installation, commissioning and OR O&M (or AMC /warranty) as per table details mentioned in Appendix # A E-Node-B (eNodeB) should also be included in the list of eligible equipment for consideration of the required experience. The bidder should fulfil the above experience either individual or cumulative . Note : It may also be	No change. The provision shall remain as per the RFP.

Sr. N o	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
				capacity of having executed Installation, Commissioning and O&M of Telecom Equipment, satisfactorily in the last 10 years within India,	noted that E-Node-B was included as an eligible equipment in the previous BharatNet and GFGNL tender.	

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
278	Annexure & Formats	Section 10 - Annexure B	XI. Minimum Technical specifications for Uninterrupted Power Supply (UPS) System at GP (page no. 437)	Electrical Safety - Isolation transformer for Source isolation	Please suggest Isolation transformer to be placed in input side or at output side of UPS. As isolation transformer placed at either side shall provide necessary protection and safety	Preferably at source, The end objective is to safeguard networking equipment, the safest practice is to isolate all upstream sources (AC input, bypass source, UPS output, and battery source as applicable) rather than relying on the UPS operating mode alone. bidder is advised to follow standard electrical safety and LOTO(Lockout/Tagout) principles and prevents back-feed or unexpected energization.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
279	Annexure & Formats	Section 10 - Annexure B	XI. Minimum Technical specifications for Uninterrupted Power Supply (UPS) System at GP (page no. 437)	Note:3 For monitoring major parameters including Input & Output Voltages, Inside & Outside Temperature, Alarms, % battery back up time left. The monitoring should be possible from SNOC/ 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.	provision for extension of the parameters mentioned can be provided with protocol. Please confirm, if S-NOC/ C-NOC monitoring software for UPS is also in the scope of UPS supplier.	PI see Preceding response

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
280	Annexure & Formats	Section 10 - Annexure B	XVIII. SMPS Battery (page no. 480)	Rectifier module / Capacity - a) Adequate capacity to cater DC load of 60Amp for electronic equipments. Rectifier modules of min 80 Amp (N+1) / 4KW to be supplied. Bidder has to consider charging current requirement for battery back-up separately. Selected Bidder can provide minimum 2 nos. rectifier modules each having minimum 80 Amp capacity per each SMPS. Since TEC GR for 80A is not available, 80A Rectifier with certified BIS and type test module with STQC/SGS will be qualified.	We suggest to write "OR" instead of "and" in the below sentence. 80A Rectifier with certified BIS and OR type test module with STQC/SGS will be qualified. (we request for consideration about either of the certifications) As rectifier module is not a standalone component and it needs to be use with prewired cabinet/SMPS and hence does not fall under BIS testing rectifier module is component of SMPS (final product) and requires prewired cabinets are installed at sites and this need to install in designated slot for	PI see Preceding response

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					operation. In FAQ published by BIS, interpretation of standalone has been elaborated. Based on same, we request to erase the requirement of BIS certification for 80A rectifier. Otherwise the word 'and' can be replaced with 'OR'.	
281	Annexure & Formats	Section 10 - Annexure B	XIV - Rack at GP Locations	Dimensions - Height =24U standard (approx. 2000–2050 mm external height) Width=600 mm or 800 mm depending on cable volume Depth=1000–1200 mm	Height of 24U standard cabinet is mention approx.. 2000-2050mm. However, 24U is equal to 1066mm only.	Pl see Preceding response
282	Annexure & Formats	Section 10 - Annexure B	XIV - Rack at Sub-Block/ Shelter locations	Point 6 - lprating IP20 and above	Request you to clarify exact IP rating. There is difference of arrangement between IP20 & IP55	Refer the updated clause with master RFP/Corrigendum

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
283	Scope Of Work	Section 5 – Scope of Work	Between Clause 5.8 (Network Design, Page 149) and Clause 5.10 (Acceptance Testing, Page 153)	Missing Clause 5.9	Clause numbering jumps directly from Clause 5.8 "Network Design" to Clause 5.10 "Acceptance Testing (Commissioning) for the Optical Fibre Network Connectivity" in both the Table of Contents and the body of the RFP. Clause 5.9 is missing. Please confirm: (a) Was Clause 5.9 inadvertently omitted, and if so, please issue the missing clause; or (b) confirm the numbering is intentional and no provision is intended under Clause 5.9.	It was Typo Error, Pl refer the updated clause in Master RFP

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
284	Scope Of Work	Section 5.19 – Last Mile Enterprise Horizontal Customer Connectivity	Clause 5.19.3 "O&M SLA & Penalties" (Page 209) vs. Clause 5.19.3 "OPEX Payment" (Page 211)	Duplicate Clause Number 5.19.3	Clause number 5.19.3 has been assigned to two separate clauses: "O&M SLA & Penalties" (Page 209) and "OPEX Payment" (Page 211), with Clause 5.19.4 "VIP/ Major/ Ad-Hoc Events" following thereafter. Please confirm: (a) the correct sequential numbering for these clauses (e.g., should "OPEX Payment" be renumbered 5.19.4, with the existing 5.19.4 shifting to 5.19.5); and (b) whether any downstream cross-references are affected.	It was Typo Error, Pl refer the updated clause in Master RFP
285	Technical Specifications	XXXVI. Data Lake / Network Analytics Platform (Page 518)	XXXVI. Data Lake / Network Analytics Platform	XXXVI. Data Lake / Network Analytics Platform	The tender elaborates on a data lake but does not specify storage capacity, hardware sizing, GPU	Pls refer RFP Clause - XXXVI- Tech spec no 15 of data retention

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
			(Page 518)		requirements, or preferred technology stack (Hadoop, Spark, etc.). Without these parameters, bidders cannot accurately size the solution or estimate cost. Kindly request you to clarify the same.	
286	Technical Specifications	XXXVI. Data Lake / Network Analytics Platform (Page 518)	XXXVI. Data Lake / Network Analytics Platform (Page 518)	4. Data Sources	The tender mentions third-party application integration without specifying how many applications or APIs are expected. This creates an open-ended commercial risk — each integration requires adapter development, testing, and effort. Without a baseline number, bidders cannot estimate cost or plan for sign-off and payment milestones.	At present, the exact number of third-party applications/APIs requiring integration cannot be quantified, as such requirements will depend on operational, business, and stakeholder needs arising during the project period. Bidders are advised to provision a standards-based, open, and scalable integration framework capable of interfacing with external systems through industry-standard APIs/protocols. Any integration

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
						requirement identified during the contract period shall be undertaken by the selected bidder as part of the scope of work without any commercial implication to GFGNL, provided such integrations are based on standard API/interface mechanisms and do not require procurement of additional third-party software/licenses.
287	Scope Of Work	54. NMS + OSS + BSS:	IX. PH-III tentative component count are as below along with periodicity and retention time. (Page 188)	IX. PH-III tentative component count are as below along with periodicity and retention time. (Page 188)	The total network to be managed is approximately 1,02,000 devices across all phases — Phase 1, Phase 2, and Phase 3 combined — including horizontal (customer-side) elements. This number includes growth projections over the 10-year contract period.	The given quantity is indicative , please refer the updated clause in the RFP , However, bidder has to understand , As per Clause no 8.4 Rights to Vary Quantities: GFGNL may vary the quantities by 25% of the overall quantity of works in the schedule of requirements, without any change in the unit price at the time of time of award of the contract

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					Device types include ONT, switches, GP routers, OLT, UBR links, and Wi-Fi elements. Kindly please confirm that this 1,02,000 is the final number to be used for sizing, and it includes horizontal and all growth for 10 years. Also, request you to provide all EMS details along with horizontal line items to enable accurate adapter and licensing estimation.	or during the contract period
288	Technical Specifications	XXXVI. Data Lake / Network Analytics Platform (Page 518)	XXXVI. Data Lake / Network Analytics Platform (Page 518)	XXXVI. Data Lake / Network Analytics Platform	Request GFGNL to define minimum number of reports be considered for analytics sign-off, as an open-ended requirement creates uncertainty.	As per clause no 28 of 5.15, The Data Lake shall support analytics for network status trends, utilization trends, SLA performance, risk visualization and performance optimization insights based on the terms and conditions in the RFP but

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
						not limited to SLA/KPI mentioned in the section-07. Reports may customize as per the central (DBN/GFGNL/DST) requirement.
289	Eligibility Criteria	3	3.1, Appendix-A, Table-02, Clause-B (Page 45-46)	Total Experience of OFC Project (Km) - Consortium Partner and/or Lead Bidder in Last 10 Years	Please Request Changes on the clause as per below : Maximum Three (3) Orders/Organization Work, to fulfil total 30,000 Km or of value INR 1200 Cr. of having executed EPC OFC Network Construction project in Last 10 Years (Bidder can fulfil the above OFC experience either individual or cumulative however, Lead bidder should have minimum 50% experience of OFC Business or Telecom or EPC in	The relevant clause has been revised. Bidders are requested to kindly refer to the Corrigendum/Master RFP for the updated provision

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					underground utility (OFC or Power or Pipeline or GAS or other utility) out of total cumulative experience / technical capacity of 30,000 Km or Rs. 1200 Cr of having executed OFC Business or Telecom or EPC in underground utility (OFC or Power or Pipeline or GAS or other utility) Construction project in the last 10 years (from bid submission date) within India. At least one Consortium partner should have minimum 25% or higher experience out of total cumulative experience / technical capacity of 30,000 Km or Rs.	

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					1200 Cr of having executed EPC OFC Network Construction project in the last 10 years (from bid submission date) within India.) (with maximum three (3) orders/organizations * each for lead and consortium/s in last 10 years)	
290	Eligibility Criteria	3	3.1, Appendix-A, Table-02, Clause-B (Page 45-46)	Interpretation of "Consortium Partner and/or Lead Bidder"	Kindly clarify whether the expression " Consortium Partner and/or Lead Bidder " is intended to permit qualification based on cumulative consortium experience where one consortium participant possesses the requisite OFC EPC experience and the consortium collectively satisfies the prescribed	The relevant clause has been revised. Bidders are requested to kindly refer to the Corrigendum/Master RFP for the updated provision

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					qualification threshold.	
291	Eligibility Criteria	3	3.1, Appendix-A, Table-02, Clause-B (Page 45-46) and Eligibility Criteria, Table-02 (Page 45)	Consortium Qualification Philosophy	On Page No. 34 Point No. 2 it says that "Lead Bidder and Consortium Member should be in the business of OFC Business or Telecom or EPC in Underground Utility (OFC, Power, Pipeline, Gas or other Utility)." The eligibility provisions appear to recognize Infrastructure EPC organizations engaged in Pipeline, Power, Gas and other Underground Utility sectors as eligible participants. This Clearly point conflicts to Point Mentioned on On Page No. 34 Point	Clause is clearly mentioned in terms of asked Company turnover business and asked experience

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					No. 2. Requested to Clarify	
292	Technical Specifications	XIX Air Conditioning	Minimum Specification		As its an 10 Year Project, having central monitoring of Cooling Units will enable GFGNL and bidders to reduce downtime of equipments due to cooling issues as in Gujarat the Temperature Rises till 45 Degree or higher during summer time.	No change. The provision shall remain as per the RFP.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
293	Technical Specifications	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS	IV. Technical Specifications for Routers(Block Router)	The router can be Chassis based for Type A with Control plane & Data plane redundancy but shall be of non-chassis based 1RU form-factor for Type B. Routers shall be as per requirement of chasis and non chasis router defined in GR 48050:2022 Block Routers shall be of two configuration: (1) Type A(Master Block)- Router should support switching capacity of minimum 800 Gbps. The router should be enabled on day 1 with the following configuration: a. 4 port of 100G (with 40km /80Km pluggable) b. 12 port of 10 G	To protect the investment in master block routers which needs future scalability and also considered asked port and its density we request to amend below : (1) Type A(Master Block)- Router should support switching capacity of minimum 1.08 TBPS full duplex . The router should be enabled on day 1 with the following configuration: a. 4 port of 100G (with 40km /80Km pluggable) b. 12 port of 10 G (with 40km pluggable) c. 4 port of 1G/10G (All ports should be usable for both 1G as well as 10G as per plugged SFP) (2) Type B (Sub-	No change. The provision shall remain as per the RFP/Corrigendum

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
				(with 40km pluggable) c. 4 port of 1G/10G (All ports should be usable for both 1G as well as 10G as per plugged SFP) (2) Type B (Sub-Block) Router should support switching capacity of minimum 300 Gbps. The router should be enabled on day 1 with the following configuration: 2 port of 100G (with 40km / 80Km pluggable) 8 port of 10G (with 40km pluggable) 4 port of 1G/10G (All ports should be usable for both 1G as well as 10G as per plugged SFP) c. Note: Pluggables will be as per Fiber planning	Block) Router should support switching capacity of minimum 320 GBPS full duplex The router should be enabled on day 1 with the following configuration: 2 port of 100G (with 40km / 80Km pluggable) 8 port of 10G (with 40km pluggable) 4 port of 1G/10G (All ports should be usable for both 1G as well as 10G as per plugged SFP) c. Note: Pluggables will be as per Fiber planning	

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
294	Technical Specifications	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS	IV. Technical Specifications for Routers	The router can be Chassis based for Type A with Control plane & Data plane redundancy but shall be of non-chassis based 1RU form-factor for Type B. Routers shall be as per requirement of chassis and non chassis router defined in GR 48050:2022 Block Routers shall be of two configuration: (1) Type A(Master Block)- Router should support switching capacity of minimum 800 Gbps. The router should be enabled on day 1 with the following configuration: a. 4 port of 100G (with 40km /80Km pluggable) b. 12 port of 10 G	We understand bidder has to quote Type A routers with dual control plane and data plane to achieve redundancy. Kindly confirm since Type B is requested to propose in 1u form factor and any OEM cannot provide dual control plane and data plane redundancy. Hence we understand redundancy has to be maintained in the form of Fan and Power supply only , please confirm.	Pls refer RFP clause - Annexure-B >> II. Technical Specifications for Routers >> Table S.no.1

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
				(with 40km pluggable) c. 4 port of 1G/10G (All ports should be usable for both 1G as well as 10G as per plugged SFP) (2) Type B (Sub-Block) Router should support switching capacity of minimum 300 Gbps. The router should be enabled on day 1 with the following configuration: 2 port of 100G (with 40km / 80Km pluggable) 8 port of 10G (with 40km pluggable) 4 port of 1G/10G (All ports should be usable for both 1G as well as 10G as per plugged SFP) c. Note: Pluggables will be as per Fiber planning		

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
295	Technical Specifications	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS	V. Technical Specifications for EMS of Routers	1. System Architecture Distributed, scalable, and modular architecture with centralized management for multi-vendor devices.	Request Clarification :- Kindly clarify if the EMS for Routers can be from 3rd party . EMS from OEM are specific to their Router and they can not manage multivendor devices , Request to kindly clarify and allow that EMS for routers can be from 3rd party vendors	No change. The provision shall remain as per the RFP/Corrigendum
296	Technical Specifications	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS	II. Technical Specifications for Routers	Router should be provided with 1+1 or N +1 power supply and Fan redundancy. Power supplies and Fans should be hot swappable for high availability, to ensure that there is no outage till both (main and standby) power supplies/ fans fail	As per the last tender, the clause is amended as " Solution equipment should have redundant power card and redundant 1+1 or N+1 fan modules, those OEMs who are having problem in meeting hot-swapable requirement may provide high availability assurance	No change. The provision shall remain as per the RFP/Corrigendum

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					with standard equipment MTBF (Greater than 70,000 hours as specified in QM115 of TEC/GR 48050:2024 or equivalent international standard)", we request you to please amend this clause this time as well for leading OEM to participate	
297	Scope Of Work	5.1 SCOPE OF WORK	Network and Service Provisioning:	From Master-Block to SDC/SNOC GFGNL shall arrange the ILL/P2P(out of scope for PIA), however,PIA has to support for network provisioning of Internet Lease line/P2P bandwidth at SDC, master block or Sub-blocks to carry Gram Panchayats as well as GFGNL's customer traffic up to State capital.	As per the clause stating that "From Master-Block to SDC/SNOC, GFGNL shall arrange the ILL/P2P (out of scope for PIA)," please clarify whether the routers at the SDC/SNOC are existing infrastructure to be utilized by the bidder, or whether bidders are required to supply and commission new	Service provider of LL shall provide the router to implement the services. Rest of the responsibility of implementation of the infra is with PIA.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					routers at the SDC/SNOC locations.as no corresponding specifications, quantities, or BOQ line items have been provided in the tender for SDC.please clarify.	
298	Technical Specifications	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS	XXXIV.Hyper Converged Infrastructure	Minimum 4 HCI nodes (3+1 or better) shall be proposed.	Can we quote with 3 nodes if needed ? To reduce the costing w.r.t Virtualization License + compute HW as long we provide the said number of cores in 3 nodes in place of 4	The relevant clause has been revised. Bidders are requested to kindly refer to the Corrigendum/Master RFP for the updated provision
299	Technical Specifications	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS	XXXIV.Hyper Converged Infrastructure	Storage Architecture	<u>Request for change</u> : Across HCI nodes or Centrally located as long as the asked storage is achieved in Rf2/RAID 6	No change. The provision shall remain as per the RFP.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
300	Technical Specifications	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS	XXXIV. Hyper Converged Infrastructure	Data Protection & Resiliency	<u>Request for change :</u> The system shall ensure protection against minimum two simultaneous failures (disk/node). Disk/node/storage -Data protection shall be implemented using replication or erasure coding or RAID 6	Updated Clause: • The system shall ensure protection against minimum one simultaneous failures (disk/node). • Data protection shall be implemented using replication or erasure coding. • No single point of failure shall exist across nodes, disks, or controllers.
301	Eligibility Criteria	3.1 Pre Qualification Criteria	Router OEM Experience	Need to submit Following alongwith LOI/LOA/Contract agreement/PO copy. i) Delivery Challan Copy with Sign/stamp Or ii) Successful Go-live Certificate, Or iii) Successful Acceptance Test Report.	Since, we are channel orientated OEM and we process order thru are Distributor and distributor to partner and Partner to Customer. Hence, required document from the customer will be very difficult and involvement of multiple partners. Can we submit the Delivery Challan and Purchase Copy of our	No change. The provision shall remain as per the RFP/Corrigendum

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					Athourized National Distributor to justify the requirement,	
302	Eligibility Criteria	3.1 Pre Qualification Criteria	Mandatory Undertaking		To ensure quality products, this clause should be added on OEM. Which eventually assure to restrict all the OEM who are blacklisted/debarred in Central Government, State Government & PSU in last 6 years for doing Breach of contract, Ethical Violations, Security & Compliance etc	Bidder is advised to refer the section-Pre-qualification criteria , 5.1 for detail provisioning of the clause
303	Eligibility Criteria	3.1 Pre Qualification Criteria	OEM Criteria		To ensure best breed of the quality product , we request to consider all hardware OEM should be leader in Magic Quadrant or should be top 5 OEM's in IDC report	The Clause is restrictive hence, No change. The provision shall remain as per the RFP.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
304	Eligibility Criteria	3.1 Pre Qualification Criteria	OEM Criteria		We understand SLA is under PIA Scope but as customer we request to ensure the best fitted OEM should participate in this tender and hence, request to below clause in the tender. OEM shall have local service center & office in Gujarat and can give undertaking to open the same if they been aswared this order.	No change. The provision shall remain as per the RFP.
305	Eligibility Criteria	3	3.1, Appendix-A, Table-02, Clause-B (Page 45-46)	Total Experience of OFC Project (Km) - Consortium Partner and/or Lead Bidder in Last 10 Years	The clause provides that the prescribed OFC EPC experience may be contributed by " Consortium Partner and/or Lead Bidder ". Kindly clarify whether the required OFC EPC experience may be fulfilled by (i) Lead Bidder alone, (ii) Consortium Partner	The relevant clause has been revised. Bidders are requested to kindly refer to the Corrigendum/Master RFP for the updated provision

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					alone, or (iii) Lead Bidder and Consortium Partner collectively, subject to fulfilment of the overall qualification requirements prescribed under the RFP.	
306	Eligibility Criteria	3	3.1, Appendix-A, Table-02, Clause-B (Page 45-46)	Interpretation of "Consortium Partner and/or Lead Bidder"	Kindly clarify whether the expression " Consortium Partner and/or Lead Bidder " is intended to permit qualification based on cumulative consortium experience where one consortium participant possesses the requisite OFC EPC experience and the consortium collectively satisfies the prescribed qualification threshold.	The relevant clause has been revised. Bidders are requested to kindly refer to the Corrigendum/Master RFP for the updated provision

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
307	Eligibility Criteria	3	3.1, Appendix-A, Table-02, Clause-B (Page 45-46) and Eligibility Criteria, Table-02 (Page 45)	Consortium Qualification Philosophy	The Eligibility Criteria recognize participation by organizations engaged in OFC Business, Telecom Business and EPC in Underground Utility (OFC, Power, Pipeline, Gas or other Utility). Kindly clarify whether the consortium framework envisages participation of organizations possessing complementary domain expertise, whereby Infrastructure EPC capability and Telecom Domain capability may be contributed by different consortium members while collectively fulfilling the qualification requirements prescribed under the tender.	Clause is clearly mentioned in terms of asked Company turnover business and asked experience

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
308	Technical Specifications	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS	IV. Technical Specifications for Routers(Block Router)	The router can be Chassis based for Type A with Control plane & Data plane redundancy but shall be of non-chassis based 1RU form-factor for Type B. Routers shall be as per requirement of chasis and non chasis router defined in GR 48050:2022 Block Routers shall be of two configuration: (1) Type A(Master Block)- Router should support switching capacity of minimum 800 Gbps. The router should be enabled on day 1 with the following configuration: a. 4 port of 100G (with 40km /80Km pluggable) b. 12 port of 10 G	To protect the investment in master block routers which needs future scalability and also considered asked port and its density we request to amend below : (1) Type A(Master Block)- Router should support switching capacity of minimum 1.08 TBPS full duplex . The router should be enabled on day 1 with the following configuration: a. 4 port of 100G (with 40km /80Km pluggable) b. 12 port of 10 G (with 40km pluggable) c. 4 port of 1G/10G (All ports should be usable for both 1G as well as 10G as per plugged SFP) (2) Type B (Sub-	No change. The provision shall remain as per the RFP/Corrigendum

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
				(with 40km pluggable) c. 4 port of 1G/10G (All ports should be usable for both 1G as well as 10G as per plugged SFP) (2) Type B (Sub-Block) Router should support switching capacity of minimum 300 Gbps. The router should be enabled on day 1 with the following configuration: 2 port of 100G (with 40km / 80Km pluggable) 8 port of 10G (with 40km pluggable) 4 port of 1G/10G (All ports should be usable for both 1G as well as 10G as per plugged SFP) c. Note: Pluggables will be as per Fiber planning	Block) Router should support switching capacity of minimum 320 GBPS full duplex The router should be enabled on day 1 with the following configuration: 2 port of 100G (with 40km / 80Km pluggable) 8 port of 10G (with 40km pluggable) 4 port of 1G/10G (All ports should be usable for both 1G as well as 10G as per plugged SFP) c. Note: Pluggables will be as per Fiber planning	

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
309	Technical Specifications	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS	IV. Technical Specifications for Routers	The router can be Chassis based for Type A with Control plane & Data plane redundancy but shall be of non-chassis based 1RU form-factor for Type B. Routers shall be as per requirement of chassis and non chassis router defined in GR 48050:2022 Block Routers shall be of two configuration: (1) Type A(Master Block)- Router should support switching capacity of minimum 800 Gbps. The router should be enabled on day 1 with the following configuration: a. 4 port of 100G (with 40km /80Km pluggable) b. 12 port of 10 G	We understand bidder has to quote Type A routers with dual control plane and data plane to achieve redundancy. Kindly confirm since Type B is requested to propose in 1u form factor and any OEM cannot provide dual control plane and data plane redundancy. Hence we understand redundancy has to be maintained in the form of Fan and Power supply only , please confirm.	Pls refer RFP clause - Annexure-B >> II. Technical Specifications for Routers >> Table S.no.1

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
				(with 40km pluggable) c. 4 port of 1G/10G (All ports should be usable for both 1G as well as 10G as per plugged SFP) (2) Type B (Sub-Block) Router should support switching capacity of minimum 300 Gbps. The router should be enabled on day 1 with the following configuration: 2 port of 100G (with 40km / 80Km pluggable) 8 port of 10G (with 40km pluggable) 4 port of 1G/10G (All ports should be usable for both 1G as well as 10G as per plugged SFP) c. Note: Pluggables will be as per Fiber planning		

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
310	Technical Specifications	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS	V. Technical Specifications for EMS of Routers	1. System Architecture Distributed, scalable, and modular architecture with centralized management for multi-vendor devices.	Request Clarification :- Kindly clarify if the EMS for Routers can be from 3rd party . EMS from OEM are specific to their Router and they can not manage multivendor devices , Request to kindly clarify and allow that EMS for routers can be from 3rd party vendors	No change. The provision shall remain as per the RFP/Corrigendum
311	Technical Specifications	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS	II. Technical Specifications for Routers	Router should be provided with 1+1 or N +1 power supply and Fan redundancy. Power supplies and Fans should be hot swappable for high availability, to ensure that there is no outage till both (main and standby) power supplies/ fans fail	As per the last tender, the clause is amended as " Solution equipment should have redundant power card and redundant 1+1 or N+1 fan modules, those OEMs who are having problem in meeting hot-swapable requirement may provide high availability assurance	No change. The provision shall remain as per the RFP/Corrigendum

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					with standard equipment MTBF (Greater than 70,000 hours as specified in QM115 of TEC/GR 48050:2024 or equivalent international standard)", we request you to please amend this clause this time as well for leading OEM to participate	
312	Scope Of Work	5.1 SCOPE OF WORK	Network and Service Provisioning:	From Master-Block to SDC/SNOC GFGNL shall arrange the ILL/P2P(out of scope for PIA), however,PIA has to support for network provisioning of Internet Lease line/P2P bandwidth at SDC, master block or Sub-blocks to carry Gram Panchayats as well as GFGNL's customer traffic up to State capital.	As per the clause stating that "From Master-Block to SDC/SNOC, GFGNL shall arrange the ILL/P2P (out of scope for PIA)," please clarify whether the routers at the SDC/SNOC are existing infrastructure to be utilized by the bidder, or whether bidders are required to supply and commission new	Service provider of LL shall provide the router to implement the services. Rest of the responsibility of implementation of the infra is with PIA.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					routers at the SDC/SNOC locations.as no corresponding specifications, quantities, or BOQ line items have been provided in the tender for SDC.please clarify.	
313	Technical Specifications	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS	XXXIV.Hyper Converged Infrastructure	Minimum 4 HCI nodes (3+1 or better) shall be proposed.	Can we quote with 3 nodes if needed ? To reduce the costing w.r.t Virtualization License + compute HW as long we provide the said number of cores in 3 nodes in place of 4	The relevant clause has been revised. Bidders are requested to kindly refer to the Corrigendum/Master RFP for the updated provision
314	Technical Specifications	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS	XXXIV.Hyper Converged Infrastructure	Storage Architecture	<u>Request for change</u> : Across HCI nodes or Centrally located as long as the asked storage is achieved in Rf2/RAID 6	No change. The provision shall remain as per the RFP.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
315	Technical Specifications	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS	XXXIV. Hyper Converged Infrastructure	Data Protection & Resiliency	<u>Request for change :</u> The system shall ensure protection against minimum two simultaneous failures (disk/node). Disk/node/storage -Data protection shall be implemented using replication or erasure coding or RAID 6	Updated Clause: • The system shall ensure protection against minimum one simultaneous failures (disk/node). • Data protection shall be implemented using replication or erasure coding. • No single point of failure shall exist across nodes, disks, or controllers.
316	Eligibility Criteria	3.1 Pre Qualification Criteria	Router OEM Experience	Need to submit Following alongwith LOI/LOA/Contract agreement/PO copy. i) Delivery Challan Copy with Sign/stamp Or ii) Successful Go-live Certificate, Or iii) Successful Acceptance Test Report.	Since, we are channel orientated OEM and we process order thru are Distributor and distributor to partner and Partner to Customer. Hence, required document from the customer will be very difficult and involvement of multiple partners. Can we submit the Delivery Challan and Purchase Copy of our	No change. The provision shall remain as per the RFP/Corrigendum

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					Athourized National Distributor to justify the requirement,	
317	Eligibility Criteria	3.1 Pre Qualification Criteria	Mandator y Undertaki ng		To ensure quality products, this clause should be added on OEM. Which eventually assure to restrict all the OEM who are blacklisted/debarred in Central Government, State Government & PSU in last 6 years for doing Breach of contract, Ethical Violations, Security & Compliance etc	Bidder is advised to refer the section-Pre-qualification criteria , 5.1 for detail provisioning of the clause
318	Eligibility Criteria	3.1 Pre Qualification Criteria	OEM Criteria		To ensure best breed of the quality product , we request to consider all hardware OEM should be leader in Magic Quadrant or should be top 5 OEM's in IDC report	The Clause is restrictive hence, No change. The provision shall remain as per the RFP.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
319	Eligibility Criteria	3.1 Pre Qualification Criteria	OEM Criteria		We understand SLA is under PIA Scope but as customer we request to ensure the best fitted OEM should participate in this tender and hence, request to below clause in the tender. OEM shall have local service center & office in Gujarat and can give undertaking to open the same if they been aswared this order.	No change. The provision shall remain as per the RFP.
320	Eligibility Criteria	XIX Air Conditioning	Minimum Specification		Kindly introduce remote monitoring for The Cooling Units as IOT in AC will not have any Major Impact on the Commercials and having central monitoring will help Organization better Control	No change. The provision shall remain as per the RFP.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
321	Additional Clause	Addl Point	Minimum Specification		Kindly introduce remote monitoring for Temperature and Heat Sensors for Each Rack at GP Location and Block Locations this will help with Central Management and Monitoring, also IOT in RACK's will not have any Major Impact on the Commercials and having central monitoring will help Organization better Control	No change. The provision shall remain as per the RFP.
322	Additional Clause	Addl Point	Minimum Specification	Integrated Command and Control Center	having multiple EMS, also GIS, NMS, OSS/BSS, UPS Monitoring, AC Monitoring etc. it is required to have an Integrated Command and Control Center.	No change. The provision shall remain as per the RFP.
323	Technical Specifications	Section 10 - Annexure B	XI. Minimum Technical specifications for	Electrical Safety - Isolation transformer for Source isolation	Please suggest Isolation transformer to be placed in input side or at output side of UPS. As isolation	Repeated Query; Pl see preceding Response

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
			Uninterrupted Power Supply (UPS) System at GP (page no. 437)		transformer placed at either side shall provide necessary protection and safety.	
324	Technical Specifications	Section 10 - Annexure B	XI. Minimum Technical specifications for Uninterrupted Power Supply (UPS) System at GP (page no. 437)	Note:3 For monitoring major parameters including Input & Output Voltages, Inside & Outside Temperature, Alarms, % battery back up time left. The monitoring should be possible from SNOC/ 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	provision for extension of the parameters mentioned can be provided with protocol. Please confirm, if S-NOC/ C-NOC monitoring software for UPS is also in the scope of UPS supplier.	Repeated Query; Pl see preceding Response

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
				O&M cap limit of the O&M billing amount.		
325	Technical Specifications	Section 10 - Annexure B	XI. Minimum Technical specifications for Uninterrupted Power Supply (UPS) System at GP (page no. 437)	Technology -- Dual Rectifier with double conversion and Dual rectifier with a single inverter architecture including inbuilt stabilizer with range 110V – 280V and mechanism to provide protected environment to switchover on row power supply in case of failure of UPS	TEC GR 66140:2019 defines the UPS specs for Unitary UPS or Modular UPS while TEC GR66160:2024 defines UPS specs with Dual rectifier and single Inverter architecture as mentioned in technology. Request to consider the GR 66160:2024 for Dual rectifier and TEC GR 66140:2019 for Unitary or Modular UPS as GR 66140:2019 has no dual rectifier specs. There is a complete change in technology between both GR.	The relevant clause has been revised. Bidders are requested to kindly refer to the Corrigendum/Master RFP for the updated provision

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
326	Technical Specifications	Section 10 - Annexure B	XI. Minimum Technical specifications for Uninterrupted Power Supply (UPS) System at GP (page no. 437)	Capacity - Minimum 1 KVA	As per TEC GR66140:2019, 1kVA Ups designed with 36V battery bus whereas Lithium Battery specs are 12V, 24V or 48V but not with 36V. TEC GR66160:2024 specs are best suited for this requirement considering redundancy in operation of rectifier and better reliability. Static transfer switch for auto load transfer is asked as per tender specs for small capacity load. It is requested to consider auto bypass using inbuilt relay in UPS.	The relevant clause has been revised. Bidders are requested to kindly refer to the Corrigendum/Master RFP for the updated provision
327	Technical Specifications	Section 10 - Annexure B	XI. Minimum Technical specifications for Uninterrupted	IP standard - IP 21 & above	Undersatnding is that UPS shall be placed within Rack. Considering enhanced operation of UPS, IP rating suggested is IP20.	IP standard - IP 21 & above for Standalone UPS, and IP standard - IP 20 & above for rack mounted UPS. Bidder and OEM to decide the model

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
			Power Supply (UPS) System at GP (page no. 437)		Request for consideration of same.	of UPS as per GP site condition.
328	Technical Specifications	Section 10 - Annexure B	XI. Minimum Technical specifications for Uninterrupted Power Supply (UPS) System at GP (page no. 438)	Alarm Execution method - RJ45 With SNMP at SNOC / CNOC	We understand, this point states about only monitoring of the alarms mentioned in point 17 (On battery, Low Battery, UPS overload, Temperature) through RJ45.	Yes including but not limited to On battery, Low Battery, UPS overload, Temperature
329	Technical Specifications	Section 10 - Annexure B	Minimum Technical specifications for Uninterrupted Power Supply (UPS) System at GP (page no. 438)	Battery Technology - Lithium Ion as per TEC GR No.67030:2024 with Li-ion battery BMS to monitor the parameters and alarms and control the charging current of battery with all latest features excluding solar system	We understand function of BMS here is only to monitor parameters, alarms and control the charging current. Please clarify.	Yes, understanding is correct

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
330	Technical Specifications	Section 10 - Annexure B	XVIII. SMPS Battery (page no. 480)	Rectifier module / Capacity - a) Adequate capacity to cater DC load of 60Amp for electronic equipments. Rectifier modules of min 80 Amp (N+1) / 4KW to be supplied. Bidder has to consider charging current requirement for battery back-up separately. Selected Bidder can provide minimum 2 nos. rectifier modules each having minimum 80 Amp capacity per each SMPS. Since TEC GR for 80A is not available, 80A Rectifier with certified BIS and type test module with STQC/SGS will be qualified.	We suggest to write "OR" instead of "and" in the below sentence. 80A Rectifier with certified BIS and OR type test module with STQC/SGS will be qualified. (we request for consideration about either of the certifications) As rectifier module is not a standalone component and it needs to be use with prewired cabinet/SMPS and hence does not fall under BIS testing rectifier module is component of SMPS (final product) and requires prewired cabinets are installed at sites and this need to install in designated slot for	Repeated Query; Pl see preceding Response

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					operation. In FAQ published by BIS, interpretation of standalone has been elaborated. Based on same, we request to erase the requirement of BIS certification for 80A rectifier. Otherwise the word 'and' can be replaced with 'OR'.	
331	Technical Specifications	Section 10 - Annexure B	XIV - Rack at GP Locations	Dimensions - Height =24U standard (approx. 2000–2050 mm external height) Width=600 mm or 800 mm depending on cable volume Depth=1000–1200 mm	Height of 24U standard cabinet is mention approx.. 2000-2050mm. However, 24U is equal to 1066mm only.	Repeated Query; Pl see preceding Response
332	Technical Specifications	Section 10 - Annexure B	XIV - Rack at Sub-Block/ Shelter locations	Point 6 - lprating IP20 and above	Request you to clarify exact IP rating. There is difference of arrangement between IP20 & IP55	Repeated Query; Pl see preceding Response

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
333	Eligibility Criteria	Section 3 – Eligibility Criteria	3.1, Appendix-A, Table-02, Sr. No. B	Maximum Three (3) Orders/Organization Work, to fulfil total 30,000 Km or of value INR 1200 Cr. of having executed EPC OFC Network Construction project in Last 10 Years. (Bidder can fulfil the above OFC experience either individual or cumulative however, Lead bidder should have minimum 50% experience out of total cumulative experience / technical capacity of 30,000 Km or Rs. 1200 Cr of having executed EPC OFC Network Construction project in the last 10 years (from bid submission date) within India. At least one Consortium partner should have minimum 25% experience out	Clause Change Request: Maximum Three (3) Orders/Organization Work, to fulfil total 30,000 Km or of value INR 1200 Cr. of having executed EPC OFC Network Construction project in Last 10 Years. (Bidder can fulfil the above OFC experience either individual or cumulative however, Lead bidder should have minimum 50% experience out of total cumulative experience / technical capacity of 30,000 Km or Rs. 1200 Cr of having executed EPC OFC Network Construction project in the last 10 years (from bid submission	Repeated Query; Pl see preceding Response

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
				of total cumulative experience / technical capacity of 30,000 Km or Rs. 1200 Cr of having executed EPC OFC Network Construction project in the last 10 years (from bid submission date) within India.) (with maximum three (3) orders/organizations* each for lead and consortium/s in last 10 years)	date) within India. At least one Consortium partner should have minimum 25% experience out of total cumulative experience / technical capacity of 30,000 Km or Rs. 1200 Cr of having executed EPC OFC Network Construction project in the last 10 years (from bid submission date) within India.) (with maximum three (3) orders/organizations * each for lead and consortium/s in last 10 years) Justification: Request GFGNL to remove the %age criteria for the Lead Bidder and Consortium Partner	

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					to fulfill the OFC EPC experience as in all previous ABP framework based tenders rolled out in the last 2 years the above criteria is jointly met by the Consortium, as lately as the T-791 Tender for 16 packages rolled out pan India As mandated by DBN, this criteria is based on the requirements defined at the national level under the ABP framework, hence request GFGNL to amend the clause above and facilitate inclusion of cumulative experience by the Consortium Member(s), subject to meeting the overall prescribed	

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					experience requirement. This will enable technically experienced OFC Companies to participate as Consortium Partners and promote wider participation without compromising the overall technical capability of the Consortium.	

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
334	Eligibility Criteria	Section 3 – Eligibility Criteria	3.1, Appendix-A, Table-02, Sr. No. C	The bidder should have satisfactorily completed in the last 10 years within India, the O&M of any OFC network of 24 or more Core Under Ground OFC for the number of 'Year Kms' (for the network for which O&M has been done for at least one year) at least equal to 57,000 Kms (upto 40% of the O&M requirement can be met through O&M of 24 or more core aerial fibre cables) (deployed in BharatNet by BBNL or state SPV)/ ADSS/ OPGW OFC as required for EPC Network Construction capability mentioned above. Year Kms: If O&M of "X" Kms of OFC has been done for "N"	Clause Change Request: The bidder should have satisfactorily completed in the last 10 years within India, the O&M of any OFC network of 24 or more Core Under Ground OFC for the number of 'Year Kms' (for the network for which O&M has been done for at least one year) at least equal to 57,000 Kms (upto 40% of the O&M requirement can be met through O&M of 24 or more core aerial fibre cables) (deployed in BharatNet by BBNL or state SPV)/ ADSS/ OPGW OFC as required for EPC Network Construction	Repeated Query; Pl see preceding Response

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
				years ($N \geq 1$), then 'Year Kms' = "X multiplied by N". (Bidder can fulfil the experience either individual or commulative however, Lead bidder should have minimum 50% experience out of total cumulative experience / technical capacity of 57,000 Km of O&M requirements of OFC in last 10 years. At least one Consortium partner should have minimum 25% experience out of total cumulative experience / technical capacity of 57,000 Kms of O&M requirements of OFC in the last 10 years (from bid submission date) within India.)	capability mentioned above. Year Kms: If O&M of "X" Kms of OFC has been done for "N" years ($N \geq 1$), then 'Year Kms' = "X multiplied by N". (Bidder can fulfil the experience either individual or commulative however, Lead bidder should have minimum 50% experience out of total cumulative experience / technical capacity of 57,000 Km of O&M requirements of OFC in last 10 years. At least one Consortium partner should have minimum 25% experience out of total cumulative	

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					experience/ technical capacity of 57,000 Kms of O&M requirements of OFC in the last 10 years (from bid submission date) within India.) Justification: Request GFGNL to remove the %age criteria for the Lead Bidder and Consortium Partner to fulfill the OFC O&M experience as in all previous ABP framework based tenders rolled out in the last 2 years the above criteria is jointly met by the Consortium, as lately as the T-791 Tender for 16 packages rolled out pan India. As mandated by DBN, this criteria is based on the requirements	

Sr. N o	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					defined at the national level under the ABP framework, hence request GFGNL to amend the clause above and facilitate inclusion of cumulative experience by the Consortium Member(s), subject to meeting the overall prescribed experience requirement. This will enable technically experienced OFC O&M Companies to participate as Consortium Partners and promote wider participation without compromising the overall technical capability of the Consortium.	

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
335	Eligibility Criteria	Section 3 – Eligibility Criteria	3.1, Appendix-A, Table-02, Sr. No. C	For Active Equipment's Experience (Numbers) Consortium Partner and/or Lead Bidder 1,000 Numbers Min. 500 Numbers experience from atleast one consortium partner	Clause Change Request: For Active Equipment's Experience (Numbers) Consortium Partner and/or Lead Bidder 1,000 Numbers Min. 500 Numbers experience from atleast one consortium partner Justification: Request GFGNL to remove the minimum Nodes requirement from Consortium Partner to fulfill this criteria as in all previous ABP framework based tenders rolled out in the last 2 years the above criteria is jointly met by the Consortium, as lately as the T-791 Tender	Repeated Query; Pl see preceding Response

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					for 16 packages rolled out pan India. As mandated by DBN, this criteria is based on the requirements defined at the national level under the ABP framework, hence request GFGNL to amend the clause above and facilitate inclusion of cumulative experience by the Consortium Member(s),	
336	Fact Sheet	v) FACT SHEET	12	Bid Security/ Earnest Money Deposit (EMD) Amount Payable - Rs. 50 Cr (Rupees Fifty Crore only) Note: i) As per the GoG guideline, EMD should be in the form of BG as per the GoG GR No.	We request GFGNL to reduce the value of EMD value from INR 50 Cr to INR 20 Cr, as considering this tender is conceptualised under ABP framework, rolled out by DBN wherein the previous T-791 tender the bidder participating	Repeated Query; Pl see preceding Response

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
				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.	for all the 16 packages had to bear a bid security of INR 20 Cr only, hence we request the authority to accept surety bonds for a value of 20 INR Cr in this tender too so that it reduces the financial burden and blocking of working capital which will be a major factor to execute the project considering the payment terms and project milestones respectively.	
337	Performance Guarantee	4.38. PERFORMANCE GUARANTEE	iii	In case of Consortium, minimum 50% of the Performance Security in both cases (5% or 10%) shall be furnished by the Lead member of the Consortium.	We request GFGNL to allow the PBG submission (5% or 10%) as the sole responsibility of the Lead Member of the Consortium wherein a minimum of 51% to a maximum of 100% is the responsibility and accountability of	Repeated Query; Pl see preceding Response

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					the Lead Member to submit.	
338	Eligibility Criteria	3.1 PRE-QUALIFICATION CRITERIA	3. Experience	iii) Offered Product (OEM) NMS Experience: Deployment and maintaining of NMS including Helpdesk-Ticketing solution as a bundle, minimum 24,000 devices during last 10 years with 3 orders/ organizations works	The requirement of managing a minimum of 24,000 network devices is restrictive, as deployments of this scale are relatively limited. This prevents participation of capable NMS OEMs whose products are already deployed / being deployed in similar BharatNet packages in India. We therefore request the Tendering Authority to kindly consider reducing the requirement for NMS and amending to - NMS deployment in any of the completed/ongoing	As per RFP

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					network with minimum 7000 network devices with minimum 1 order/organization.	
339	Eligibility Criteria	3.1 PRE-QUALIFICATION CRITERIA	3. Experience	iii) Offered Product (OEM) NMS Experience: Deployment and maintaining of NMS including Helpdesk-Ticketing solution as a bundle, minimum 24,000 devices during last 10 years with 3 orders/ organizations works	In this regard, kindly clarify the methodology for computation of device experience where the same set of devices has been continuously maintained under O&M/AMC for multiple years. For example, if the System Integrator has deployed 3000 network devices under a NMS solution and has subsequently provided continuous AMC/O&M services for the same 3000 devices for 4 years after Go-Live, whether such experience shall be	For the purpose of this criterion, the number of devices shall be counted based on the actual unique network devices deployed and maintained under the NMS solution. The same device shall not be counted multiple times merely because O&M/AMC services have been provided for multiple years. Accordingly, if an NMS solution has been deployed for 3,000 network devices and the same 3,000 devices have been maintained continuously for 4 years, the experience shall be considered as 3,000 devices only. However, the bidder

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					considered as $3000 \times 4 = 12000$ devices for the purpose of meeting this clause. We request GFGNL to kindly clarify the applicable methodology for calculation of NMS device experience in such cases.	must demonstrate that the deployed devices were maintained under O&M/AMC for a minimum period of one (1) year, supported by the required documentary evidence.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
340	Eligibility Criteria	3.1 PRE-QUALIFICATION CRITERIA	3. Experience	Note-7 The technical experience of ongoing or partially completed projects shall also be considered, provided that distinct routes/links within such projects have been successfully completed and are operational on an end-to-end basis. For the purpose of evaluation, only those completed routes/links (from one termination point to another) which are fully functional shall be taken into account. Incomplete or partially executed segments shall not be considered.(Refer example given below in note)	The tender states under Note-7 that, for ongoing/partially completed projects, only completed and fully functional routes/links shall be considered for qualification. However, BharatNet (DIGITAL BHARAT NIDHI(DBN)/DoT BN-III) deployments are ongoing, and the all Bharatnet tenders permit FAT to be undertaken progressively once minimum 10% of GPs in a Block are completed and visible/pingable from the SNOC. In view of the above, we request the Tendering Authority to kindly clarify that the requirement of completed end-to-end routes/links	As per RFP

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					under Note-7 is applicable to OFC experience and shall not restrict qualification of NMS experience, and for NMS perspective 7000 devices shall be sufficient.	
341	Eligibility Criteria	3	3.1, Appendix-A, Table-02, Clause-B (Page 45-46)	Total Experience of OFC Project (Km) - Consortium Partner and/or Lead Bidder in Last 10 Years	Please Request Changes on the clause as per below : Maximum Three (3) Orders/Organization Work, to fulfil total 30,000 Km or of value INR 1200 Cr. of having executed EPC OFC Network Construction project in Last 10 Years (Bidder can fulfil the above OFC experience either	The relevant clause has been revised. Bidders are requested to kindly refer to the Corrigendum/Master RFP for the updated provision

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					individual or cummulative however, Lead bidder should have minimum 50% experience of OFC Business or Telecom or EPC in underground utility (OFC or Power or Pipeline or GAS or other utility) out of total cumulative experience / technical capacity of 30,000 Km or Rs. 1200 Cr of having executed OFC Business or Telecom or EPC in underground utility (OFC or Power or Pipeline or GAS or other utility) Construction project in the last 10 years (from bid submission date) within India. At least one Consortium partner	

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					should have minimum 25% or higher experience out of total cumulative experience / technical capacity of 30,000 Km or Rs. 1200 Cr of having executed EPC OFC Network Construction project in the last 10 years (from bid submission date) within India.) (with maximum three (3) orders/organizations * each for lead and consortium/s in last 10 years)	
342	Eligibility Criteria	3	3.1, Appendix-A, Table-02, Clause-B (Page 45-46)	Interpretation of "Consortium Partner and/or Lead Bidder"	Kindly clarify whether the expression "Consortium Partner and/or Lead Bidder" is intended to permit qualification based on cumulative consortium experience where	The relevant clause has been revised. Bidders are requested to kindly refer to the Corrigendum/Master RFP for the updated provision

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					one consortium participant possesses the requisite OFC EPC experience and the consortium collectively satisfies the prescribed qualification threshold.	
343	Eligibility Criteria	3	3.1, Appendix-A, Table-02, Clause-B (Page 45-46) and Eligibility Criteria, Table-02 (Page 45)	Consortium Qualification Philosophy	On Page No. 34 Point No. 2 it says that "Lead Bidder and Consortium Member should be in the business of OFC Business or Telecom or EPC in Underground Utility (OFC, Power, Pipeline, Gas or other Utility)." The eligibility provisions appear to recognize Infrastructure EPC organizations engaged in Pipeline, Power, Gas and other Underground Utility sectors as	The relevant clause has been revised. Bidders are requested to kindly refer to the Corrigendum/Master RFP for the updated provision

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					eligible participants. This Clearly point conflicts to Point Mentioned on On Page No. 34 Point No. 2. Requested to Clarify	
344	Technical Specifications	XIX Air Conditioning	Minimum Specification		As its an 10 Year Project, having central monitoring of Cooling Units will enable GFGNL and bidders to reduce downtime of equipments due to cooling issues as in Gujarat the Temperature Rises till 45 Degree or higher during summer time.	No change. The provision shall remain as per the RFP/Corrigendum

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
345	Technical Specifications	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS	IV. Technical Specifications for Routers(Block Router)	The router can be Chassis based for Type A with Control plane & Data plane redundancy but shall be of non-chassis based 1RU form-factor for Type B. Routers shall be as per requirement of chassis and non chassis router defined in GR 48050:2022 Block Routers shall be of two configuration: (1) Type A(Master Block)- Router should support switching capacity of minimum 800 Gbps. The router should be enabled on day 1 with the following configuration: a. 4 port of 100G (with 40km /80Km pluggable) b. 12 port of 10 G	To protect the investment in master block routers which needs future scalability and also considered asked port and its density we request to amend below : (1) Type A(Master Block)- Router should support switching capacity of minimum 1.08 TBPS full duplex . The router should be enabled on day 1 with the following configuration: a. 4 port of 100G (with 40km /80Km pluggable) b. 12 port of 10 G (with 40km pluggable) c. 4 port of 1G/10G (All ports should be usable for both 1G as well as 10G as per plugged SFP) (2) Type B (Sub-	No change. The provision shall remain as per the RFP.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
				(with 40km pluggable) c. 4 port of 1G/10G (All ports should be usable for both 1G as well as 10G as per plugged SFP) (2) Type B (Sub-Block) Router should support switching capacity of minimum 300 Gbps. The router should be enabled on day 1 with the following configuration: 2 port of 100G (with 40km / 80Km pluggable) 8 port of 10G (with 40km pluggable) 4 port of 1G/10G (All ports should be usable for both 1G as well as 10G as per plugged SFP) c. Note: Pluggables will be as per Fiber planning	Block) Router should support switching capacity of minimum 320 GBPS full duplex The router should be enabled on day 1 with the following configuration: 2 port of 100G (with 40km / 80Km pluggable) 8 port of 10G (with 40km pluggable) 4 port of 1G/10G (All ports should be usable for both 1G as well as 10G as per plugged SFP) c. Note: Pluggables will be as per Fiber planning	

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
346	Technical Specifications	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS	IV. Technical Specifications for Routers	The router can be Chassis based for Type A with Control plane & Data plane redundancy but shall be of non-chassis based 1RU form-factor for Type B. Routers shall be as per requirement of chassis and non chassis router defined in GR 48050:2022 Block Routers shall be of two configuration: (1) Type A(Master Block)- Router should support switching capacity of minimum 800 Gbps. The router should be enabled on day 1 with the following configuration: a. 4 port of 100G (with 40km /80Km pluggable) b. 12 port of 10 G	We understand bidder has to quote Type A routers with dual control plane and data plane to achieve redundancy. Kindly confirm since Type B is requested to propose in 1u form factor and any OEM cannot provide dual control plane and data plane redundancy. Hence we understand redundancy has to be maintained in the form of Fan and Power supply only , please confirm.	Pls refer RFP clause - Annexure-B >> II. Technical Specifications for Routers >> Table S.no.1

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
				(with 40km pluggable) c. 4 port of 1G/10G (All ports should be usable for both 1G as well as 10G as per plugged SFP) (2) Type B (Sub-Block) Router should support switching capacity of minimum 300 Gbps. The router should be enabled on day 1 with the following configuration: 2 port of 100G (with 40km / 80Km pluggable) 8 port of 10G (with 40km pluggable) 4 port of 1G/10G (All ports should be usable for both 1G as well as 10G as per plugged SFP) c. Note: Pluggables will be as per Fiber planning		

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
347	Technical Specifications	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS	V. Technical Specifications for EMS of Routers	1. System Architecture Distributed, scalable, and modular architecture with centralized management for multi-vendor devices.	Request Clarification :- Kindly clarify if the EMS for Routers can be from 3rd party . EMS from OEM are specific to their Router and they can not manage multivendor devices , Request to kindly clarify and allow that EMS for routers can be from 3rd party vendors	No change. The provision shall remain as per the RFP/Corrigendum
348	Technical Specifications	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS	II. Technical Specifications for Routers	Router should be provided with 1+1 or N +1 power supply and Fan redundancy. Power supplies and Fans should be hot swappable for high availability, to ensure that there is no outage till both (main and standby) power supplies/ fans fail	As per the last tender, the clause is amended as " Solution equipment should have redundant power card and redundant 1+1 or N+1 fan modules, those OEMs who are having problem in meeting hot-swapable requirement may provide high availability assurance	No change. The provision shall remain as per the RFP/Corrigendum

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					with standard equipment MTBF (Greater than 70,000 hours as specified in QM115 of TEC/GR 48050:2024 or equivalent international standard)", we request you to please amend this clause this time as well for leading OEM to participate	
349	Scope Of Work	5.1 SCOPE OF WORK	Network and Service Provisioning:	From Master-Block to SDC/SNOC GFGNL shall arrange the ILL/P2P(out of scope for PIA), however,PIA has to support for network provisioning of Internet Lease line/P2P bandwidth at SDC, master block or Sub-blocks to carry Gram Panchayats as well as GFGNL's customer traffic up to State capital.	As per the clause stating that "From Master-Block to SDC/SNOC, GFGNL shall arrange the ILL/P2P (out of scope for PIA)," please clarify whether the routers at the SDC/SNOC are existing infrastructure to be utilized by the bidder, or whether bidders are required to supply and commission new	Service provider of LL shall provide the router to implement the services. Rest of the responsibility of implementation of the infra is with PIA.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					routers at the SDC/SNOC locations.as no corresponding specifications, quantities, or BOQ line items have been provided in the tender for SDC.please clarify.	
350	Technical Specifications	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS	XXXIV.Hyper Converged Infrastructure	Minimum 4 HCI nodes (3+1 or better) shall be proposed.	Can we quote with 3 nodes if needed ? To reduce the costing w.r.t Virtualization License + compute HW as long we provide the said number of cores in 3 nodes in place of 4	The relevant clause has been revised. Bidders are requested to kindly refer to the Corrigendum/Master RFP for the updated provision
351	Technical Specifications	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS	XXXIV.Hyper Converged Infrastructure	Storage Architecture	Request for change : Across HCI nodes or Centrally located as long as the asked storage is achieved in Rf2/RAID 6	No change. The provision shall remain as per the RFP.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
352	Technical Specifications	Annexure B: TECHNICAL SPECIFICATIONS OF NETWORK AND ITS COMPONENTS	XXXIV.Hyper Converged Infrastructure	Data Protection & Resiliency	Request for change : The system shall ensure protection against minimum two simultaneous failures (disk/node). Disk/node/storage -Data protection shall be implemented using replication or erasure coding or RAID 6	Updated Clause: • The system shall ensure protection against minimum one simultaneous failures (disk/node). • Data protection shall be implemented using replication or erasure coding. • No single point of failure shall exist across nodes, disks, or controllers.
353	Eligibility Criteria	3.1 Pre Qualification Criteria	Router OEM Experience	Need to submit Following alongwith LOI/LOA/Contract agreement/PO copy. i) Delivery Challan Copy with Sign/stamp Or ii) Successful Go-live Certificate, Or iii) Successful Acceptance Test Report.	Since, we are channel orientated OEM and we process order thru are Distributor and distributor to partner and Partner to Customer. Hence, required document from the customer will be very difficult and involvement of multiple partners. Can we submit the Delivery Challan and Purchase Copy of our	No change. The provision shall remain as per the RFP/Corrigendum

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
					Athourized National Distributor to justify the requirement,	
354	Eligibility Criteria	3.1 Pre Qualification Criteria	Mandatory Undertaking		To ensure quality products, this clause should be added on OEM. Which eventually assure to restrict all the OEM who are blacklisted/debarred in Central Government, State Government & PSU in last 6 years for doing Breach of contract, Ethical Violations, Security & Compliance etc	Bidder is advised to refer the section-Pre-qualification criteria , 5.1 for detail provisioning of the clause
355	Technical Specifications	3.1 Pre Qualification Criteria	OEM Criteria		To ensure best breed of the quality product , we request to consider all hardware OEM should be leader in Magic Quadrant or should be top 5 OEM's in IDC report	The Clause is restrictive hence, No change. The provision shall remain as per the RFP.

Sr. No	Section Name	Section No.	Clause No.	Reference/Subject	Clarification Sought	GFGNL Clarification
356	Eligibility Criteria	3.1 Pre Qualification Criteria	OEM Criteria		We understand SLA is under PIA Scope but as customer we request to ensure the best fitted OEM should participate in this tender and hence, request to below clause in the tender. OEM shall have local service center & office in Gujarat and can give undertaking to open the same if they been aswared this order.	No change. The provision shall remain as per the RFP.

Annexure-II- Financial Bid Table

Sr.	Item Description	Unit	Unit cost (INR)	Quantity	Total Cost (INR)	Rate of CGST	Rate of SGST	Rate of IGST	Total GST (in INR)	Total cost (Inclusive Of GST) (in INR)		HSN/ SAC Code
			(excl. tax)	(B)	(Excl. tax)	INR	INR	INR	G=[(D+E) or F	(H=C+G)		
			(A)		(C=A*B)	(D)	(E)	(F)				
1a	Supply of 24F OFC, Duct and Accessories including all the services	RKM		17,000						X1		
1b	Supply of 48F OFC, Duct and Accessories including all the services	RKM		11,304						X2		
1c	Supply of 96F OFC, Duct and Accessories including all the services	RKM		2,826						X3		
1d	Supply of 24F ADSS OFC and Accessories including all the services (using existing power Poles)	RKM		154						X4		
1e	Supply of 24F ADSS OFC and Accessories including all the services (including supply of Poles)	RKM		616						X5		
2	Fibre Distribution Management System Type1 at Sub-Block location (96F FDMS(Fully loaded including enclosure))	Nos		293						X6		
3	Fibre Distribution Management System GP location (48F FDMS(Fully loaded including enclosure))	Nos		14,737						X7		
4a	IP-MPLS Router at GP location (Category Type-D) Supply of router at GP locations with accessories including installation, integration, testing and commissioning	Nos		14,737						X8		
4b	IP-MPLS Router at Sub-Block location (Category Type-A) Supply of router at Sub-Block locations with accessories including installation, integration, testing and commissioning	Nos		120						X9		
4c	IP-MPLS Router at Sub-Block location (Category Type-B) Supply of router at Sub-Block locations with accessories including installation, integration, testing and commissioning	Nos		518						X10		

Sr.	Item Description	Unit	Unit cost (INR)	Quantity	Total Cost (INR)	Rate of CGST	Rate of SGST	Rate of IGST	Total GST (in INR)	Total cost (Inclusive Of GST) (in INR)		HSN/ SAC Code
			(excl. tax)	(B)	(Excl. tax)	INR	INR	INR	G=[(D+E) or F	(H=C+G)		
			(A)		(C=A*B)	(D)	(E)	(F)				
5	SFP 10G with 10 km pluggable	Nos		54,852						X11		
6	SFP 10G with 40 km pluggable	Nos		7,744						X12		
7	SFP 10G with 80 km pluggable	Nos		1,936						X13		
8	SFP 100G with 40 km pluggable	Nos		624						X14		
9	SFP 100G with 80 km pluggable	Nos		936						X15		
10	Optical SFP 1G with 10km pluggable	Nos		42,000						X16		
11	Optical SFP 1G with 40km pluggable	Nos		2,211						X17		
12	Electrical/Copper SR SFP 1G	Nos		14,737						X18		
12a	EMS for GP routers (including H/W, S/W & licenses)	No. of NE		14,737						X19		
12b	EMS for Block routers (including H/W, S/W & licenses)	No. of per NE		638						X20		
12c	EMS additional license including H/W and S/W upgradation for GP router	No. of NE		14,737						X21		
12d	EMS additional license including H/W and S/W upgradation for Block router	No. of per NE		638						X22		
13a	Rack at GP locations	Nos		14,737						X23		
13b	Rack at Block locations	Nos		638						X24		
14	Remote Fibre Monitoring System (RFMS) system including necessary hardware and software with accessories including installation, integration, testing and commissioning	Nos		394						X25		
15a	EMS for RFMS (including H/W, S/W & licenses)	No. of RTU		394						X26		

Sr.	Item Description	Unit	Unit cost (INR)	Quantity	Total Cost (INR)	Rate of CGST	Rate of SGST	Rate of IGST	Total GST (in INR)	Total cost (Inclusive Of GST) (in INR)		HSN/ SAC Code
			(excl. tax)	(B)	(Excl. tax)	INR	INR	INR	G=[(D+E) or F	(H=C+G)		
			(A)		(C=A*B)	(D)	(E)	(F)				
15b	EMS additional license including H/W and S/W upgradation for RFMS	No. of RTUs		394						X27		
16	Power System with backup provisions at GP locations with accessories including installation, integration, testing and commissioning with provision of slot for MPPT Card BUT excluding MPPT Card & solar panels	Nos		14,737						X29		
17	Supply of 6F Aerial drop OFC including services for last mile connectivity as per TEC GR	Km		8,200						X30		
18	Supply, installation including services of RCC Poles – 7/8 meter working load of 115 Kgs for last mile connectivity	Nos		205,000						X31		
19	Supply and installation of Joint Chamber as per E.I. for restoration of existing network	Nos		14,152						X32		
20	Supply, Installation and Commissioning of GPON 4-Port Optical Line Termination Equipment (OLT).	Nos		14,737						X33		
21	Shifting of shelter Infrastructure site (including all the items supplied & installed under the SOW of this RFP) from one location to other within the within 50KM radius	Nos.		20						X34		
22.a	SITC Of Geographical Information System (GIS) (Total Cost of 22(a) to 22(g))	No.		1						X35		
22.b	SITC Of Hyper Converged Infrastructure having Backup software facility including all accessories and other resources	No.		4						X36		
22.c	SITC Of Leaf switch including all accessories and required components	No		2						X37		

Sr.	Item Description	Unit	Unit cost (INR)	Quantity	Total Cost (INR)	Rate of CGST	Rate of SGST	Rate of IGST	Total GST (in INR)	Total cost (Inclusive Of GST) (in INR)		HSN/ SAC Code
			(excl. tax)	(B)	(Excl. tax)	INR	INR	INR	G=[(D+E) or F	(H=C+G)		
			(A)		(C=A*B)	(D)	(E)	(F)				
22.d	SITC of NMS & OSS & Inventory and Asset management tool including API and required licenses	No.		1						X38		
22.e	SITC of BSS & CRM including API and required licenses	No.		1						X39		
22.f	SITC of Helpdesk & Greivance management including API and required licenses	No.		1						X40		
22.g	SITC of Data Lake & Network Analytics Platform including data ingestion, storage, processing, dashboarding, reporting, AI-based analytics, geographical visualization, API integration including required licenses/software.	No.		1						X41		
23.a	Supply, installation, testing & commissioning of Porta cabin with all accessories : Length –3 Meter, Width – 3 Meter, Height – 2.7 Meter including Services - of Civil work required to fix porta cabin.	Nos.		280						X42		
23.b	Supply, installation, testing & commissioning of Switch Mode Power Supply (SMPS) without rectifier modules.	Nos.		280						X43		
23.c	Supply, installation, testing & commissioning of Rectifier modules of 80 Amp(1+1) capacity.	Nos.		560						X44		
23.d	Supply, installation, testing & commissioning of 1 set of Battery bank (Capacity: 600 AH for Lithium-Ion Batteries) with warranty	Nos.		280						X45		
23.e	Supply, Installation, testing & commissioning of Split AC unit, 2 Ton-BEE star rating(should be 4 star and above)	Nos.		100						X46		
23.f	Supply, Installation, testing & commissioning of Split AC controller module	No		50						X47		

Sr.	Item Description	Unit	Unit cost (INR)	Quantity	Total Cost (INR)	Rate of CGST	Rate of SGST	Rate of IGST	Total GST (in INR)	Total cost (Inclusive Of GST) (in INR)		HSN/ SAC Code
			(excl. tax)	(B)	(Excl. tax)	INR	INR	INR	G=[(D+E) or F	(H=C+G)		
			(A)		(C=A*B)	(D)	(E)	(F)				
23.g	Services –Civil work ,Construction of chemical earthing pits with its civil works including supply of all required material, consumables, accessories, cables, etc. to successfully commision the site	Nos.		280						X48		
23.h	Supply, Installation, testing & commissioning and service of Electrical work with supply of all required materials (types of electrical cables (from row power to UPS and other internal shelter cabling), 2*bus bar, cable tray, ELCB,MCB's (minimum-2*16Amp and 2*32 AMP),lugs, etc.) and all other consumables accessories with casing capping,conduit,mounting clamp etc. to successfully commision the New Shelter site.	Nos.		280						X49		
23.i	Supply, Installation, testing & commissioning and service of ELCB(Earth Leakage Circuit Breaker) for Single Phase with 1year onsite replacement warranty	Nos.		± 150		-				X50		
23.j	Supply, Installation, testing & commissioning and service of ELCB(Earth Leakage Circuit Breaker) for Three Phase with 1 years onsite replacement warranty	Nos.		± 40		-				X51		
23.k	Supply, Installation, testing & commissioning and service of Single Phase-MCCB (Moulded Case Circuit Breakers)-32 Amp with 1 years onsite replacement warranty.	Nos.		140						X52		
23.l	Supply, Installation, testing & commissioning and service of Three Phase -MCCB (Moulded Case Circuit Breakers)-32 Amp with 1 years onsite replacement warranty.	Nos.		140						X53		
23.m	Supply, Installation, testing & commissioning and service of Change Over Switch.	Nos.		280						X54		

Sr.	Item Description	Unit	Unit cost (INR)	Quantity	Total Cost (INR)	Rate of CGST	Rate of SGST	Rate of IGST	Total GST (in INR)	Total cost (Inclusive Of GST) (in INR)		HSN/ SAC Code
			(excl. tax)	(B)	(Excl. tax)	INR	INR	INR	G=[(D+E) or F	(H=C+G)		
			(A)		(C=A*B)	(D)	(E)	(F)				
23.n	Supply, Installation, testing & commissioning of Single Phase Air Cooled IP55 Servo Stabilizer Single Phase 10 KVA .	Nos.		112						X55		
23.o	Supply, Installation, testing & commissioning of Single Phase Air Cooled IP55 Servo Stabilizer Three Phase 16 KVA	Nos.		168						X56		
23.p	Supply, Installation, testing & commissioning FM200-Fire Suppression System/Clean Agent(5Kg)	Nos.		280						X57		
23.q	Supply, Installation, testing & commissioning Fire Extenguisher(2Kg-6Kg)-cylinder	Nos.		280						X58		
23.r	Supply, Installation, testing & commissioning of GI pole/angles at every one(1) meter of distance and 1.5 meter (5 ft) wire Chain Link Fencing mesh(2mm) with all necessary accessories GI with anti rusting coated paint for fencing and including colouring and all transportation	Sq. Ft.		12,431						X59		
23.s	Supply, Installation, testing & commissioning of Entrance Gate for shelter premises with side mounting pillar	Nos.		50						X60		
23.t	Services RCC pathway in between main gate and shelter gate (in sq. ft.) with all required material and transportations to make the succesfully commission the site	Sq. Ft.		750						X61		
23.u	Foundation and DPC work (for Boundary / Mesh work fencing with wire mesh) 2ft. height with 40 mm DPC with all required material and transportation to make the succesfully commission the site	Sq. Ft.		50						X62		
23.v	Fencing Type-2 Boundary wall (Brick/ Stonework) Pre-fabricated with plaster (for 5 ft.)with all	Sq. Ft.		10						X63		

Sr.	Item Description	Unit	Unit cost (INR)	Quantity	Total Cost (INR)	Rate of CGST	Rate of SGST	Rate of IGST	Total GST (in INR)	Total cost (Inclusive Of GST) (in INR)		HSN/ SAC Code
			(excl. tax)	(B)	(Excl. tax)	INR	INR	INR	G=[(D+E) or F	(H=C+G)		
			(A)		(C=A*B)	(D)	(E)	(F)				
	required material and transportation to make the succesfully commission the site											
23.w	Supply, Installation, testing & commissioning of Structured 6 sq mm (DISCOM Pole to DISCOM provided electric meter,i.e., Service Cable for internal wiring during with casing capping/conduit,mouning clamp etc.	meter	-	56-5000	-	-	-	-	-	X64		
23.x	Supply, Installation, testing & commissioning of Structured 10 sq mm (DISCOM Pole to DISCOM provided electric meter,i.e., Service Cable for internal wiring during with casing capping/conduit,mouning clamp etc.	meter	-	56-5000	-	-	-	-	-	X65		
23.y	Supply, installation, testing & commissioning of 2TR twin Circuit without FCU, with controller Commercial Grade ACs with 5 years+5 Years extended Onsite warranty for Compressor, controller, other active parts (circuits/pcb) and One Year replacement warranty entire Unit	Nos.		147 280						X66		
24	Unlicensed Band Radio (UBR) 5.X with suitableAntenna, mounting fixture including all installation material and services without mast on either end (equipment to be supplied in pair to be installed at both ends of a link) for 1Gbps throughput	Nos		1						X67		
25	Unlicensed Band Radio (UBR) 5.X with suitable Antenna, mounting fixture including all installation material and services without mast on either end (equipment to be supplied in pair to be installed at both ends of a link) for 500Mbps throughput	Nos		1						X68		

Sr.	Item Description	Unit	Unit cost (INR)	Quantity	Total Cost (INR)	Rate of CGST	Rate of SGST	Rate of IGST	Total GST (in INR)	Total cost (Inclusive Of GST) (in INR)		HSN/ SAC Code
			(excl. tax)	(B)	(Excl. tax)	INR	INR	INR	G= [(D+E) or F	(H=C+G)		
			(A)		(C=A*B)	(D)	(E)	(F)				
26	SITC(Supply, Installation,Testing and Commissioning) and acceptance of point to point Li-Fi / FSO link of 1G Capacity including tower/pole/mast/RTT earthing cable, lightening arrester, clamps/fixtures, optical /cat-6 patch cord & electrical cables etc	Nos		1						X69		
27	MARR type mast (15 Mtr height) for UBR/DMW	Nos		1						X70		
28	SITC(Supply,Installation,Testing andCommissioning) and acceptance of point to point Li-Fi / FSO link of 10G Capacity including tower/pole/mast/ RTT earthing cable, lightening arrester, clamps/fixtures, optical /cat-6 patch cord & electrical cables etc	Nos		1						X71		
Total (INR) In Numbers (t= Total of Sr. 1 to Sr. 28 above)- Z1												
Total (INR) In Words												

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