

Request for Proposal (RFP) for Selection of Project Implementation Agency (PIA) for Various Connectivity through BharatNet Network

Corrigendum – III

Request for Proposal (RFP) for Selection of Project Implementation Agency (PIA) for Various Connectivity through BharatNet Network

Reference No: GFGNL/GFG/e-file/263/2022/0113/Commercial-Utilization

6th July 2023



Issued By:

Gujarat Fibre Grid Network Limited (GFGNL)

A Government of Gujarat Company

Block No: 1, 8th Floor, Udyog Bhavan, Sector-11, Gandhinagar: 382010

Request for Proposal (RFP) for Selection of Project Implementation Agency (PIA) for Various Connectivity through BharatNet Network

Corrigendum

The Bidders are requested to take note of the following changes made in the RFP document, which are to be considered while submitting the RFP response. They shall be presumed to have done so and submitted the RFP response / bid accordingly.

- This Corrigendum shall be the part of the RFP documents / process.
- All items specified in this Corrigendum supersede relevant items to that effect as provided in the original RFP documents. All other specifications, terms and conditions of the original RFP document shall remain unchanged.
- Text with strikethrough means it is deleted.
- All items specified in **“Revised Clause”** section of this Corrigendum supersede relevant items (if any) specified in **“Response to Pre-Bid Queries”** section of this Corrigendum in case of any mismatch of details.

Response to Pre-Bid Queries:

Sr. No	RFP Document Clause/ Section No.	Clause Title	Page No.	Content of the RFP Requiring Clarification	Clarification Sought	Response / Revised Clause
1	Annexure – X: Technical Specifications	Optical Wireless Communication (OWC) / FSO	83	Throughput Support: Minimum 1 Gbps per link and support upto 10 Gbps per link	Upto 1 Gbps and upto 10 Gbps should be considered as 2 different Solutions / Models with different Distance Support	Throughput support: Should support Minimum 1 Gbps per link

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2	Financial bid format for each zone	G Material Supply - Active Infrastructure	65	Sr. 12 Point to point Li-Fi / FSO link set including earthing cable, lightening arrester, clamps/fixtures, optical patch cord & electrical cables etc. Each	There should be 2 different Line items for the Pricing for 1 Gbps and 10 Gbps throughput Capacity	Please refer answer provided against sr. no. - 1.
3	Clause no: 5 Eligibility Criteria, In Table Serial no:8	Eligibility criteria	27	Authorization letters / MAF (as per Annexure) from OEM/Vendors whose products are being quoted by the Bidder (only applicable to OFC, duct, radio, rack, media converter, router, switch, UPS & voltage stabilizer)Copy of valid Technical Specification Evaluation Certificate (TSEC) / Type Approval Certificate / AT certificate or copy of Application for fresh TSEC/TAC/AT certificate as applicable from each OEM whose products are being quoted by the Bidder (only applicable to OFC, duct, DWC & radio).	<ol style="list-style-type: none"> 1. We have applied for MTCTE certification (For Switch) as per TEC/ER, is MTCTE qualified or not. 2. If we apply for TSEC/TAC in how much time we have to provide the certificate. 3. What will be the Warranty of the product. 	<ol style="list-style-type: none"> 1. MTCTE is allowed provided it is obtained under (General Certification Scheme) GCS Scheme. 2. Bidder can submit bid with MTCTE/TSEC/TAC application number, however, Final certificate must be obtain before supply of product. 3. Refer RFP clause 2.1.13.

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4	Clause no: 5 Eligibility Criteria: Average Annual Turnover & Net Worth	Eligibility Criteria Sr No 2 the Lead Bidder's Average Annual Turnover & Net Worth must be as per below during the last 3 years. (Purely from Telecom service business)	25	Bidders participating in Average Annual Turnover (Rs.) Net worth (R.) 1 Zone >= Rs. 10 Cr >=Rs. 1.5 Cr 2 Zone >= Rs. 20 Cr >=Rs. 2 Cr 3 Zone >= Rs. 30 Cr >=Rs. 3 Cr 4 Zone >= Rs. 40 Cr >=Rs. 4 Cr	We request to you kindly modified above mentioned clause like. Bidders participating in Average Annual Turnover (Rs.) Net worth (R.) 1 Zone >= Rs. 7 Cr >=Rs. 1.5 Cr 2 Zone >= Rs. 14 Cr >=Rs. 2 Cr 3 Zone >= Rs. 21 Cr >=Rs. 3 Cr 4 Zone >= Rs. 28 Cr >=Rs. 4 Cr	Please refer Corrigendum
5	Clause 13 & 14	OLT 4 port & 2 port	65	OLT 4 port & 2 port	OLT 4 port & 2 port but ONU (Customer premises device) not mentioned in price bid format, kindly clarify without ONU how to connect OLT (FFTH).	Please refer Annexure – VII: Bidders are requested to please download the latest version of RFP from nProcure.
6	Clause 6 (6.1)	Other	29		Kindly approve that the L2 bidder who matches L1 prices for other zones, can also supply products of OEMs that are quoted by the L1 bidder.	Yes, change in OEM is allowed only if "L2 bidder who matches L1 prices for other zones, can also supply products of OEMs that are quoted by the L1 bidder"

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7	Clause 12 & 13	3U & 2U wall-mounted rack	63	3U & 2U wall-mounted rack material	3U & 2U wall-mounted racks are mentioned in material line items but not mentioned in services – passive infrastructure, kindly clarify 3U & 2U rack installation costs would be quoted on which line items.	Please refer Annexure – VII: Bidders are requested to please download the latest version of RFP from nProcure.
8	2. Scope of Work (SoW) for the bidder	2.1.5	10	GFGNL may appoint third party agency. HPIA will have to complete his roles and responsibilities as mentioned in this RFP with supervision from his own team. GFGNL may select one agency as TPA (Third Party Auditor) who will carry out supervision of all relevant activities of HPIA but not limited to site verification, validation of equipment and delivered link connectivity, and 100% site audit. HPIA will have to extend all required support to TPA and GFGNL officials for audit.	Kindly Confirm if the TPA will be assigned and involved from the beginning of execution of project	Refer RFP Clause 2.1.12 on Page 11 ,(Acceptance of link delivered will be only authorized by TPA/GFGNL's authority.) and hence no dependency on TPA
9	9 O&M SLA & Penalties	9	47	O&M SLA	Kindly Consider SLA 98/98.5%	As per RFP - No Change

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10	8.Implementation timeline and penalties	8.5	45	No. of approved locations in a lot a) <= 100 lot size, T+1 Month -- 100% locations b) > 100 & <= 1000 lot size, T1+1 Month -- 60% locations T1+2 Month -- Balance	For a) <= 100 lot size, Kindly consider T1+1 month instead of T+1 month, As survey for 100 location will consume 15-30 Days.	As per RFP - No Change
11	2. Scope of Work (SoW) for the bidder	2.1.10	10	Selected bidder will have to supply EMS (Element Management System) for each active components like but not limited to radios, router, switch, media converter (Optical to Ethernet and ethernet to optical converter), Mini-OLT/ONT etc. used in network, so that required alarms can be monitored and the up / down status of the equipments.Further, selected bidder & their OEM partners will have to facilitate the integration of all these EMSs with GFGNL's existing NMS (Network Management System), ERP system, through API or any other suitable mechanism as per the requirement of GFGNL's NMS application and up to the satisfaction of GFGNL.	OEM is asked to provide specific API integartion with NMS(GFGNL). GFGNL is requested provide specific NMS/EMS (vendor/OEM contact) details for integration configuration as required.	As per RFP - No Change

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12	2. Scope of Work (SoW) for the bidder	2.1.15.	11	The Bidder has to consider approximately 5% of sites of allocated zone in shifting scope in near future due to various reasons like customer dependency. Selected bidder has to shift the services to customer new sites within agreed timeline without additional cost to GFGNL.	Kindly consider without additional cost within 100m and treat as new location for shifting beyond 100m.	4. <u>For wireline</u> : If the Shifting distance is more than 100 meter from existing Site. All active material cost including labour charges will bear by bidder and passive material installed at old site. GFGNL will approve cost of remaining based on site connectivity and approval. < 100 meter distance case HPIA bear the cost of both workmanship and material cost. <u>For Wireless</u> : If the shifting distance with change in pole/tower height GFGNL will approve only material and labour cost of new pole/tower, remaining passive and active material cost including labour charges will bear by HPIA. <u>Change in Media</u> : Wireline to Wireless and wireless to wireline case Site will be treat as new site.

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13	2. Scope of Work (SoW) for the bidder	2.1.21.	12	For the UG wireline connectivity, during excavation of trench utmost care should be taken by the bidder, so that the existing underground cables/utilities are not damage or cut. In-case any damage/ cut is done to the existing cables/utilities, a penalty of Rs. 10,000/- per cut with addition to DN amount will be levied to HPIA.	In such incident kindly consider either penalty or DN amount	As per RFP - No Change
14	2. Scope of Work (SoW) for the bidder	2.1.22	12	Besides the above penalty, the bidder shall carry out such repairs for restoration of the damaged cable/utilities free of charge. The cost of the jointing kit shall also be borne by the bidder. If bidder fails to repair the damage, the cost of repair (including cost of labor + Jointing kit) shall be recovered from the bidder.	In such incident kindly consider either penalty or DN amount	As per RFP - No Change
15	Annexure – X: Technical Specifications	CPE (customer premise equipment) L3 router – Option 1	76	Minimum Specifications Flash Memory: 1 gb/128mb/64mb	Kindly consider & modify this clause as. Memory 128MB, And Flash memory 16MB	Please refer corrigendum.

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16	Annexure – X: Technical Specifications	CPE (customer premise equipment) L3 router – Option 2	76	Minimum Specifications Flash Memory: 1 gb/128mb/64mb	Kindly consider & modify this clause as. Memory 128MB, And Flash memory 16MB	Please refer corrigendum.
17	Annexure – X: Technical Specifications	2F / 4F / 6F / 8F / 12F / 24F/ 48F Optical Fibre Cable	70	OFC - Cable construction	Kindly clarify for number of tubes in OFC cable	For 24F/ 48F : 6 Tube to be consider
18	Section- B, Sl. No.-3	EMD (bid Security/ Security Deposit)	3	Rs. 5,00,000 /- (Rs. Five Lacs Only) per zone Demand Draft in favor of “Gujarat Fibre Grid Network Limited” drawn on any scheduled bank and payable at Ahmedabad/Gandhinagar OR EMD in the form of bank guarantee with validity of 180 days from the last date of bid submission in favor of “Gujarat Fibre Grid Network Limited “from • All Nationalized banks including the Public sector banks - IDBI Ltd. • Private sector banks - AXIS Bank, ICICI Bank and HDFC Bank	Bidder can be awarded maximum 2 zones, hence it is requested to consider single EMD of Rs. 10 lacs for participation in all zones	As per RFP - No Change

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19	Section-1. Introduction, Clause No-1.5	Introduction	9	GFGNL / DST / GoG is not giving any guarantee to any bidders about the timeline to provide the Government office / school locations for connectivity. These locations will be offered to selected bidders for connectivity as per the requirement & fund availability with the respective departments. Selected bidders will be free to connect these locations based on technical feasibility & approval available from GFGNL.	1. We consider that these locations will be offered to selected bidders within the contract period of 3 years. Kindly confirm 2.What will be the minimum lot size of award of the locations.	1.Please refer corrigendum. 2. As Per RFP- No Change
20	Section- 2. Scope of Work (SoW) for the bidder, Clause No-2.1.1	Scope of Work (SoW) for the bidder	9	Submission of detailed site connectivity plan with topology and media (kmz / kml file showing proposed connectivity and media details of proposed connectivity in excel file) to GFGNL for site execution approval. GFGNL official may suggest changes in connectivity plan of any site / location w.r.to details of connectivity media considering any future requirements. Selected bidder(s) will implement connectivity as per final instruction & approval given by GFGNL officials	Kindly confirm whether the approval will be per site or mandal wise or GP Wise or District wise.	Approval will be based on specific GP wise parented sites per lot given for execution

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21	Section- 2, Clause No.- 2.1.3 & Section-B, Sl. No.-5	Scope of Work (SoW) for the Bidder & Contract Period	9 & 3	Clause No. 2.1.3- In respective areas the HPIAs shall lay wireline or wireless media and set up electronics along with all functionalities including the responsibility of O&M support for 5 years. & Section -B, Sl. No.- 3. 3 years from the date of issue of WO which can be extended further for next 2 years.	1. The duration of the contract period inferred from the 2 clauses is conflicting: 5yrs as per Clause No.- 2.1.3, Page No.- 9 and 3yrs as per Clause No.- B-5, Page No.- 3. The duration of the contract may be clearly specified. 2. Kindly clarify whether OEM Support required is for 3 years or 5 years as it will lead to unnecessary loading of bid if not clarified.	1. 3 years from the date of issue of WO which can be extended further for next 2 years based on mutual understanding on same rate, 2. OEM Support required throughout the contract period of this RFP
22	Section- 2, Clause No.- 2.1.10	Scope of Work (SoW) for the Bidder	10	Selected bidder will have to supply EMS (Element Management System) for each active components like but not limited to radios, router, switch, media converter (Optical to Ethernet and ethernet to optical converter), Mini-OLT/ONT etc. used in network, so that required alarms can be monitored and the up / down status of the equipments. Further, selected bidder & their OEM partners will have to facilitate the integration of all these EMSs with GFGNL's existing NMS (Network Management System), ERP system, through API or any other suitable mechanism as per the requirement of GFGNL's NMS application and up to the satisfaction of GFGNL.	1. As per the clause it is in the scope of the bidder to provide EMS for all of the active components, however the same is not part of the BOQ. 2. The NMS/EMS for active components such as radio, routers, switches, OLTs with number of licenses required should be made part of the BOQ 3. Kindly provide detail of port/protocols of existing NMS, ERP, etc. for integration with EMS. Also please confirm whether these are universal or proprietary.	1. As per RFP - No change- Please refer: selected bidder & their OEM partners will have to facilitate the integration of all these EMSs with GFGNL's existing NMS (Network Management System), ERP system, through API or any other suitable mechanism as per the requirement of GFGNL's NMS application and up to the satisfaction of GFGNL. 2. As per RFP- No Change. 3. Details will be shared to selected bidder once onboarded.

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23	Section- 2, Clause No.- 2.1.13	Scope of Work (SoW) for the Bidder	11	Maintenance, support services, warranty, annual maintenance contract etc. in respect of equipment supplied to the customer. All the active equipment, voltage stabilizer, UPS,6U/3U/2U rack and Mini OLT/ONT must be supplied with warranty of 5 years and all required licenses. UPS battery must have 3 years of warranty.	<p>Kindly clarify whether warranty required is for 3 years or 5 years as it will lead to unnecessary loading of bid if not clarified.</p> <p>As per our understanding UPS batteries will have 3 years of warranty. Beyond 3 years of warranty of UPS batteries will not be in the scope of PIA. Please confirm.</p>	Yes, Correct.

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24	Section- 2, Clause No.- 2.1.14	Scope of Work (SoW) for the Bidder	11 Bidder will have to fulfill all the RoW / permission related formalities of all the Government departments for the implementation of last mile connectivity including preparing & submitting RoW / permission applications, liasoning & follow up, collecting payment from GFGNL offices & submitting to department's offices, receipt of permission letter from department's offices, refund of BG / SD from respective department within 6 months of work completion or as per guideline of respective department (whichever is earlier) etc. In case bidder fails to get refund of BG / SD in stipulated time duration, GFGNL will have all the rights to recover BG / SD amount from the payables / PBG of the selected bidder. If bidder damages any assets of any of the department / 3rd party organization & department / organization issues any notice / demand note to GFGNL / selected bidder, than selected bidder will have to rectify the damages at earliest as per instruction of the respective department / organization / GFGNL official failing which GFGNL will have all the rights to recover demand note amount from the payables / PBG of the selected bidder.	1. As per our understanding all ROW applications will be billed on behalf of GFGCL only and necessary support for obtaining ROW clearance from various departments will be provided by GFGNL. Kindly clarify the same. 2. No penalty will be levied on the PIA in case there is delay in ROW Clearance. Kindly clarify	1. Correct- Refer answered in Sr num 149 2. Correct-Based on valid documentations submission.
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25	Section- 2, Clause No.- 2.1.15	Scope of Work (SoW) for the Bidder	11	The Bidder has to consider approximately 5% of sites of allocated zone in shifting scope in near future due to various reasons like customer dependency. Selected bidder has to shift the services to customer new sites within agreed timeline without additional cost to GFGNL.	Shifting of sites involves cost in terms of relaying of fiber, media etc and could also involve additional ROW charges also. In view of the same this needs to be paid on actual basis and should be included as a line item in BOQ/ Financial Bid Format.	4. <u>For wireline</u> : If the Shifting distance is more than 100 meter from existing Site. All active material cost including labour charges will bear by bidder and passive material installed at old site. GFGNL will approve cost of remaining based on site connectivity and approval. < 100 meter distance case HPIA bear the cost of both workmanship and material cost. <u>For Wireless</u> : If the shifting distance with change in pole/tower height GFGNL will approve only material and labour cost of new pole/tower ,remaining passive and active material cost including labour charges will bear by HPIA. <u>Change in Media</u> : Wireline to Wireless and wireless to wireline case Site will be treat as new site.

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26	Section- 2, Clause No.- 2.1.17 & Section -2, Clause No.- 2.2.1.25	Scope of Work (SoW) for the Bidder	11 & 15	<p>All the customer locations falling in any particular block boundary will be served by the selected bidder to whom the block is awarded. Selected bidder can serve the customer location from the nearest Gram Panchayat (GP) location even if the nearest GP is falling in neighboring block / district which may have been allotted to other selected bidder</p> <p>&</p> <p>All the customer locations falling in any particular block boundary will be served by the selected bidder to whom the block is awarded. Selected bidder can serve the customer location from the nearest Gram Panchayat (GP) location even if the nearest GP is falling in neighboring block / district which may have been allotted to other selected bidder</p>	Administrative and Technical Boundaries should be clearly defined to further define horizontal connectivity for particular PIA.	Execution Orders will have the raw details of Technical Boundaries. Zone wise GFGNL side administrative support can be arrange considering section 03

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27	Section- 2, Clause No.- 2.1.23	Scope of Work (SoW) for the Bidder	12	HPIA has to ensure to terminate media (with any of the wireline/wireless media) along with 1 Wi-Fi router or any other CPEs required by the customer.	<p>It is assumed that the Wifi routers mentioned are ONT with Wifi, same may be confirmed.</p> <p>Specification of Wi-Fi Routers is not provided also there is no BOQ item for Wi-Fi Routers, if needs to be installed. Kindly clarify and if Wi-Fi Routers needs to installed then it should be included in BOQ and specifications should be provided.</p>	Refer Specifications- Wi-Fi support Router specifications

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28	Section- 2, Clause No.- 2.2.1.1	Scope of Work (SoW) for the Bidder	12 to 13	In Field execution route optimization, due diligence; supply of fibre, duct, electronics, including all the accessories; RoW applications follow-ups till receipt of permissions, Mini OLT/Optical splitter/ media converters(Optical to Ethernet / Ethernet to Optical) , trenching, duct laying, wireless point to point / point to multipoint radios, providing necessary protection as per Engineering Instructions wherever required, back filling, fibre blowing, splicing of fibre , live line installation and commissioning of UG / aerial optical fibre or Cat-6 cable, arranging permission for building wherever possible will be in the scope of selected bidder. For UG cable route indicators (cemented Routed Indicator), joining chambers, manhole chamber, termination of remaining fibres at FDMS/FTB at Government institutes. If need arises for additional new poles (to facilitate aerial cabling) to follow optimal path/route, such additional new poles shall be installed by the HPIA.	1. There is no provision of Joint/ Splice Closures in the BoQ,in case Joint Closures for straight as well as mid-span joint have to be provisioned by the PIA then the same shall be made part of the BoQ.	Refer Annexure – VII: Financial Bid Format

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29	Section- 2, Clause No.- 2.2.1.1	Scope of Work (SoW) for the Bidder	12 to 13	In Field execution route optimization, due diligence; supply of fibre, duct, electronics, including all the accessories; RoW applications follow-ups till receipt of permissions, Mini OLT/Optical splitter/ media converters(Optical to Ethernet / Ethernet to Optical) , trenching, duct laying, wireless point to point / point to multipoint radios, providing necessary protection as per Engineering Instructions wherever required, back filling, fibre blowing, splicing of fibre, live line installation and commissioning of UG / aerial optical fibre or Cat-6 cable, arranging permission for building wherever possible will be in the scope of selected bidder. For UG cable route indicators (cemented Routed Indicator), joining chambers, manhole chamber, termination of remaining fibres at FDMS/FTB at Government institutes. If need arises for additional new poles (to facilitate aerial cabling) to follow optimal path/route, such additional new poles shall be installed by the HPIA.	1. There is no provision of FDMS/LIU/ FTB in the BoQ, in case FTB/ LIU have to be provided at customer premises by the PIA then they should be made part of the BoQ and specifications of the FDMS/ LIU/ FTB such as number of ports should be provided.	Refer Annexure – VII: Financial Bid Format

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30	Section- 2, Clause No.- 2.2.1.4 & Section -2, Clause No.- 2.2.1.18	Scope of Work (SoW) for the Bidder	13 & 15	Selected bidder will have to excavate a trench of 1 mtr depth from the top of the surface with minimum trench width of 300 mm at the bottom of the trench. & Proper precautions need to take in advance while implementing UG OFC cable to avoid cut by animals (rat/squirrels/etc.) and/or other third-party vendors etc.)	As per Telecom industry practice; depth is kept at 1.65m, as normally rat bites are found until 1 Meter depth atleast, so rat bites cant be avoided or controlled in case of depth of 1 meter. Kindly consider the same.	As per RFP - No Change
31	Section- 2, Clause No.- 2.2.1.21 & Annexure – VII: Financial Bid Format	Scope of Work (SoW) for the Bidder & Annexure – VII: Financial Bid Format	15 & 59	Route indicators for OFC cable are to be placed for every 100 mtrs	Kindly clarify the following: 1. Depth of Route Indicators. 2. As per BOQ it is coming out that Route Indicators are placed for every 200 mtrs, whereas here it is mentioned that Route Indicators are placed for every 100 mtrs. Kindly clarify the same	Please Refer Corrigendum

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32	Section- 2, Clause No.- 2.2.1.23	Scope of Work (SoW) for the Bidder	15	Carry out operation & maintenance of the last mile link including all the field activities required (preventive & corrective maintenance) to keep all the links up & running. It will be successful bidder(s)' responsibility to rectify / restore the link in case any cable/link is damaged due to road widening, construction of bridges, culvert more than 100m sections or change in RoW due to utility (like in case of drainage/water pipeline project etc) or aerial damage due to major EB pole shifting work / by any third party /due to any other field challenges within defined timeline	Damage to cable/link due to road widening, construction of bridges..... Is beyond the control of PIA. In view of the same this should be considered as a new/extra cost as per unit rate in the BOQ, and should be paid to PIA otherwise it will lead to unnecessary loading of bid. Kindly consider the same.	As per RFP - No Change
33	Section- 2, Clause No.- 2.2.1.27	Scope of Work (SoW) for the Bidder	16	Warning tap to be laid in trench as per industry standard.	Depth of warning tape not defined and Warning Tape itself should be made part of the BoQ. Kindly provide the same.	Clause Removed

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34	Section- 2, Clause No.- 2.2.1.29 and 2.2.1.33	Scope of Work (SoW) for the Bidder	16	Service delivery report needs to sign from Customer with agreed format of GFGNL	The nodal officer who would sign the report should be defined in the departmental order itself for all the locations, and the nodal officer would be responsible for signing the delivery report after taking all internal confirmations at his/her own level. Kindly clarify the same	As per RFP - No Change
35	Section- 2, Clause No.- 2.2.1.30	Scope of Work (SoW) for the Bidder	16	HPIA has to include all elements including but not limited to like own OSS, BSS, etc.	PIA is responsible for network beyond GP. Until GPs network is not in the scope of PIA. OSS and BSS are centralized inventory tools (in the scope of PIA managing network till GP) and in each zone having individual OSS and BSS is not feasible and will lead to unnecessary loading.	Clause Removed
36	Section -3, Clause No.- 3.13	Scope of Work (SoW) for GFGNL	23	HPIA has to note that in Package-A geographical area of GFGNL, OLT make is CDOT (CDOT SCM) while in Package-B OLT make is Tejas(TJ1400_Type-7SR) are used. And hence new ONT planning for horizontal customer connectivity can be plan by HPIA with compatibility of parented OLT make and model	Kindly define the ONT models which have been tested in the lab for interworking with these installed OLT models. Kindly define the same.	As per RFP - No Change

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Sr. No	RFP Document Clause/ Section No.	Clause Title	Page No.	Content of the RFP Requiring Clarification	Clarification Sought	Response / Revised Clause
37	Section- 5, Clause No. - 5.2, Sl. No.- 3, 4 & 5	Eligibility Criteria	26	<p>(Work order / Purchase order / Contract) And Work Completion Certificate</p> <p>Note – 1: Bidder will have to produce necessary supporting documents other than mentioned above to clearly prove completion of work in last 3 years.</p> <p>Note – 2: Bidder can submit separate documents for Project and O&M experience.</p>	<p>Since OFC projects are time consuming in nature and last for years, partial completion of the work order for the desired scope should also be considered for experience eligibilty.</p>	<p>As per RFP - No Change</p>

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38	Section- 5, Sl. No.- 8	Eligibility Criteria	<p>27 to 28</p> <p>Authorization letters / MAF (as per Annexure) from OEM/Vendors whose products are being quoted by the Bidder (only applicable to OFC, duct, radio, rack, media converter, router, switch, UPS & voltage stabilizer) Copy of valid Technical Specification Evaluation Certificate (TSEC) / Type Approval Certificate / AT certificate or copy of Application for fresh TSEC/TAC/AT certificate as applicable from each OEM whose products are being quoted by the Bidder (only applicable to OFC, duct, DWC & radio).</p> <p>Note: Bidder should have valid Type Approval Certificate (TAC) from Telecom Engineering Centre (TEC) / WPC, New Delhi or Technical Specification Evaluation Certificate (TSEC) from Quality Assurance Circle, BSNL, Bengaluru, against the respective technical specifications of this RFP. In case any of the quoted models does not have TAC/ TSEC then it should be applied for TSEC to Quality Assurance Circle, BSNL, Bengaluru or to TEC/WPC, New Delhi for the model against the technical specifications, at least one day before the bid submission date. The registration number allotted for the TSEC purpose by Quality Assurance Circle, BSNL, Bengaluru or for TAC purpose by TEC/WPC,</p>	<p>As per the clause copy of valid TSEC/ Type Approval Certificate/ AT certificate or copy of Application for fresh TSEC/TAC/AT certificate has to be provided may please the documents required as proof of application for TSEC (whether QF-103 or QF-101 has to submitted).</p>	<p>Query not clear.</p>
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Sr. No	RFP Document Clause/ Section No.	Clause Title	Page No.	Content of the RFP Requiring Clarification	Clarification Sought	Response / Revised Clause
				New Delhi shall be submitted along with the bid. However, only type approved/TSEC approved products as per above specifications shall be accepted which shall have to be obtained before supply.		

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39	Section- 5, Sl. No.- 8	Eligibility Criteria	<p>27 to 28</p> <p>Authorization letters / MAF (as per Annexure) from OEM/Vendors whose products are being quoted by the Bidder (only applicable to OFC, duct, radio, rack, media converter, router, switch, UPS & voltage stabilizer) Copy of valid Technical Specification Evaluation Certificate (TSEC) / Type Approval Certificate / AT certificate or copy of Application for fresh TSEC/TAC/AT certificate as applicable from each OEM whose products are being quoted by the Bidder (only applicable to OFC, duct, DWC & radio).</p> <p>Note: Bidder should have valid Type Approval Certificate (TAC) from Telecom Engineering Centre (TEC) / WPC, New Delhi or Technical Specification Evaluation Certificate (TSEC) from Quality Assurance Circle, BSNL, Bengaluru, against the respective technical specifications of this RFP. In case any of the quoted models does not have TAC/ TSEC then it should be applied for TSEC to Quality Assurance Circle, BSNL, Bengaluru or to TEC/WPC, New Delhi for the model against the technical specifications, at least one day before the bid submission date. The registration number allotted for the TSEC purpose by Quality Assurance Circle, BSNL, Bengaluru or for TAC purpose by TEC/WPC,</p>	<p>1. There is no mention of product wise TSEC/ TEC GR for items such as OFC, DWC, radio, switch, router, ONT & OLT the same shall be specified. Kindly provide list of items along with GR.</p>	Please Refer Corrigendum
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Sr. No	RFP Document Clause/ Section No.	Clause Title	Page No.	Content of the RFP Requiring Clarification	Clarification Sought	Response / Revised Clause
				New Delhi shall be submitted along with the bid. However, only type approved/TSEC approved products as per above specifications shall be accepted which shall have to be obtained before supply.		
40	Section 6, Clause No- 6.2	Selection criteria & allotment of work	29	There are separate financial bid tables provided for each zone on (n)Procure website. Bidder wanting to participate in multiple zones will have to submit financial bids for each zone separately in respective table. Evaluation will be done separately for each zone. The bidder with lowest bid (L1 – lowest sum total of “Grand Total – C0” in financial bid of any zone) will be selected for each zone. GFGNL reserves the rights to negotiate the rate of any line item(s) with selected bidder(s).	Every zone has different Geographies and terrain so further negotiation of rate of any line item is not feasible in terms of cost. Also, as per CVC Guidelines it is not allowed to negotiate afater getting L1 rates after open tendering process. Kindly modify the same	As per RFP-No Change

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Sr. No	RFP Document Clause/ Section No.	Clause Title	Page No.	Content of the RFP Requiring Clarification	Clarification Sought	Response / Revised Clause
41	Section - 7. Clause No- 7.2.1	General Terms and Conditions: Suspension of Agreement	31	GFGNL reserves the right to suspend the operation of this agreement, at any time, due to change in its own license conditions or upon directions from the competent government authorities. In such a situation, GFGNL shall not be responsible for any damage or loss caused or arisen out of aforesaid action. Further, the suspension of the agreement will not be a cause or ground for extension of the period of the agreement and suspension period will be taken as period spent.	This condition is beyond the control of the PIA, so work done till date of suspension needs to be paid and period of suspension should result into time extension.	As per RFP - No Change
42	Section - 7. Clause No- 7.10.3	General Terms and Conditions: Compliance of Law	34	SI shall be responsible for monitoring of data traffic from their customers w.r.to unlawful activities.	PIA is responsible for network beyond GP. Until GPs network is not in the scope of PIA. As monitoring of data traffic can be done centrally and is beyond the control of PIA so needs to be deleted.	Clause Removed

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Sr. No	RFP Document Clause/ Section No.	Clause Title	Page No.	Content of the RFP Requiring Clarification	Clarification Sought	Response / Revised Clause
43	Section - 7. Clause No- 7.10.4	General Terms and Conditions: Compliance of Law	34	SI shall be responsible to set up all required Networking equipment for lawful interception (LI) and provide all the required logs necessary for lawful interception (LI) to any of the law enforcement agencies as and when required.	PIA is responsible for network beyond GP. Until GPs network is not in the scope of PIA. As monitoring of data traffic can be done centrally and is beyond the control of PIA so needs to be deleted.	Clause Removed

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44	Section - 7. Clause No- 7.12.1	General Terms and Conditions: Arbitration	35 Except otherwise provided in this RFP in the event of any question or interpretation of any clause, dispute or difference or to any other claim, right, matter or thing whatsoever in any way arising out or relating to this RFP whether arose during the progress of the work or after the cancellation, termination, completion or abandonment thereof, shall be settled by the parties amicably through negotiation within a period of 30 days of the notice by other party, failing which, the dispute shall be referred to a three member committee appointed by the BOD (Board of Directors), GFGNL. The arbitration shall be conducted in accordance with the provisions of the Arbitration & Conciliation Act, 1996 or any statutory modification of re-enactment thereof and the rules made there under and for the time being in force shall apply to the arbitration proceedings. In case of dispute not getting resolved by the aforementioned three-member committee, the Chief Secretary of Government of Gujarat shall appoint an arbitrator. The arbitrator shall adjudicate on only such disputes as are referred to him by the appointing authority and give separate award against each dispute and claim referred to him and shall give reasons for the	As per DPE guidelines AMRCD Clause will be applicable for all contracts between the government organizations. In compliance of the DPE Circular you are requested to modify the arbitration clause for government organizations.	Except otherwise provided in this RFP in the event of any question or interpretation of any clause, dispute, or difference or to any other claim, right, matter or thing whatsoever in any way arising out or relating to this RFP whether arose during the progress of the work or after the cancellation, termination, completion or abandonment thereof, shall be settled by the parties amicably through negotiation within a period of 30 days of the notice by other parties, failing which, The settlement of Disputes shall be as per the process defined under the administrative-mechanism-for-resolution-of-disputes 31st Mar'2020. Legal Jurisdiction: All legal proceedings arising out of any dispute between both the parties regarding a contract shall be settled by a competent court having jurisdiction over the place, where agreement has been executed and by no other court.
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Sr. No	RFP Document Clause/ Section No.	Clause Title	Page No.	Content of the RFP Requiring Clarification	Clarification Sought	Response / Revised Clause
				award. The fee payable to arbitrator shall be paid equally by both the parties.		
45	Section - 7. Clause No- 7.14.2 & Section- 10, Clause No.- 10.2	General Terms and Conditions: Taxes & Payment Schedule- Capex Payment Caluse No 10.3	36 & 49	Payment for GST portion of Invoice will be released once GST Credit will be reflected in GSTR2A/GSTR2B of GFGNL. & GFGNL will make payment of the bill within 1 month once all required documents are submitted by the bidder along with bill to the satisfaction of GFGNL. GFGNL will make payment after deduction of any applicable penalties.	As per the payment terms GFGNL will make payment within 1 month, we assume that GST Credit will come within 1 month and if not then it would not affect the payment of PIA. Kindly confirm.	If GST Credit is not reflected into GSTR2A/2B of the Bill generation month,then payment of GST portion will be released once credit is reflected,however,basic value of the invoice will be release based on internal process.

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46	Section - 7. Clause No- 7.22.4	General Terms and Conditions: Insurance	42 The bidder during the term of this contract undertakes to ensure that it has taken or shall take up all appropriate insurances for the delivery of goods that it is required to undertake under law as well as to adequately cover its obligations under this Contract: shall take out and maintain, at his own cost insurance with IRDA approved insurers against the risks, and for the coverage, as specified below: shall pay all premium in relation thereto and shall ensure that nothing is done to make such insurance policies void or voidable at the Tenderer's request, shall provide certificate of insurance to the Tenderer showing that such insurance has been taken out and maintained. Employer's liability and workers' compensation insurance in respect of the Personnel of the bidder / bidder's Team, in accordance with the relevant provisions of the Applicable Law, as well as, with respect to such Personnel, any such life, health, accident, travel or other insurance as may be appropriate; and Insurance against loss of or damage to (i) equipment or assets procured in full or in part for fulfilment of	As per OEM Guidelines site cleanliness and dust free environment should be the responsibility of GFGNL. As no insurance company pays claims for cleanliness. Please confirm	As this project is to connect various customer in rural area of Gujarat, it will be SI's responsibility to create dust free environment for all kind of equipments, major line items already included like Rack, etc.
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Sr. No	RFP Document Clause/ Section No.	Clause Title	Page No.	Content of the RFP Requiring Clarification	Clarification Sought	Response / Revised Clause
				obligations under this Contract (ii) the bidder's assets and property used in the performance of the Services.		
47	Section - 8. Clause No- 8.3	Implementation timeline and penalties	45	Bidder will have to submit implementation strategy with media connectivity and details for each location & each site's distance and connectivity from GFGNL PoP, i.e., GramPanchayat to Government Institute or in very few cases where sites co-located and submit the details to GFGNL for approval.	Please confirm whether lot is across zone or across district in a zone or across sites. Also responsibility of readiness of GP lies with GFGNL for all sites. Please confirm.	Lot is across zone.

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Sr. No	RFP Document Clause/ Section No.	Clause Title	Page No.	Content of the RFP Requiring Clarification	Clarification Sought	Response / Revised Clause
48	Section - 8. Clause No- 8.5 table point no 3 & Section- 10, Clause No.- 10.2	Implementation timeline and penalties & Payment Schedule	45	<p>Establishing end to end connectivity of location with SDC and successful testing of internet & intranet connectivity and signing of WCC (work completion certificate) from GFGNL (Deliverable: ITP sheets for completed work for OFC/wireless onnectivity, link AT report for all type of connectivity wireless/wireline, WCC) & All payments shall be released after certification of Delivery and Implementation Milestones by GFGNL official and/or Appointed TPA from GFGNL.</p>	<p>For approved location b) > 100 & <= 1000 lot size, T1+1 Month -- 60% locations T1+2 Month -- Balance Locations c) > 1000 lot Size or part thereof T1+1 Month -- 50% locations T1+2 Month -- 30 % locations T1+3 Month – Balance Locations As supply period of all components in minimum 6-8 weeks, so for completing 600 approved locations within 1 months needs availablility of material in warehouse which is too much off investement without any return as in payment schedule no payment will be made for supply of material. The payment schedule is requested to be relaxed to allow 60% payment for material on certification of delivery of items and balance 40% upon certification of implementation by the concerned GFGNL officer.</p>	As per RFP - No Change

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Sr. No	RFP Document Clause/ Section No.	Clause Title	Page No.	Content of the RFP Requiring Clarification	Clarification Sought	Response / Revised Clause
49	Section - 8. Note -3	Implementation timeline and penalties	46	GFGNL will take few days to approve sites on submitted topology and media request by HPIA, after consultation with respective departments and other relevant parameters. HPIA has to ensure to submit the approval request in fixed format including all sites of execution order lot in single request.	Kindly clarify the number of days as few days is subjective	As per RFP - No Change, However, if any delay in approval exclusion will be given
50	Section - 8. Note -4 and 5	Implementation timeline and penalties	46	Delay penalty (if any) for all non-feasible & cancelled sites will be recovered from the bills of the other sites of the respected intimation order. GFGNL will keep recovering penalty amount from all the running bills as per calculation and process requirement. & No payment will be applicable for all non-feasible & cancelled sites	Non-feasible and cancelled sites are beyond the control of PIA, so cost incurred by PIA before cancellation should be reimbursed for cancelled sites. For Non - Feasible sites even the survey cost should be reimbursed.	Refer Corrigendum
51	Section -9	O&M SLA & Penalties	47	O&M SLA & Penalties	Exception situations like non availability of power at sites should be excluded from the SLA and Penalties	With valid proof GFGNL competent authority approval exclusion can be given

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Sr. No	RFP Document Clause/ Section No.	Clause Title	Page No.	Content of the RFP Requiring Clarification	Clarification Sought	Response / Revised Clause
52	Section -9, Note, Point 5	O&M SLA & Penalties	49	New selected HPIA has to take over existing GFGNL connected/delivered link and GFGNL will pay 8% of capex (based on discover rate through this bid) per site /location every year as per O&M charge for that old site/location	Details needs to be provided in terms of volume of sites.	As per RFP- No Change
53	Section- 10, Clause No.- 10.2	Payment Schedule- Capex Payment	49	All payments shall be released after certification of Delivery and Implementation Milestones by GFGNL official and/or Appointed TPA from GFGNL.	<p>Payment terms as per the tender are- All payments shall be released after certification of Delivery and Implementation Milestones by GFGNL official and/or Appointed TPA from GFGNL.</p> <p>The same is requested to be relaxed to allow 60% payment for material on certification of delivery of items and balance 40% upon certification of implementation by the concerned GFGNL officer.</p>	As per RFP - No Change

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Sr. No	RFP Document Clause/ Section No.	Clause Title	Page No.	Content of the RFP Requiring Clarification	Clarification Sought	Response / Revised Clause
54	Section- 10, Clause No.- 10.7	Payment Schedule	50	Subcontracting - Selected bidder(s) will be allowed to sub-contract only labour work like trenching & ducting, cable blowing / pulling, aerial cable installation etc. where labours execute the work in field. Selected bidder(s) will not be allowed to sub-contract the entire Project work to other organization, therefore selected bidder(s) will be responsible to execute & Project manage the work through its own on - role team members . Sub-contracting the labour work shall also not relieve the selected bidder(s) from any liability or obligation under the Contract.	The project involves multiple active components from different OEMs viz. GPON equipments, LiFi, Radio, Routers and Switches and their EMS. The responsibility of the installation, configuration and inter-operability lies with the PIA and specific manpower with each component will be required to be arranged by them so this requirement of having team members on roll of the PIA should be deleted.	Subcontracting - Selected bidder(s) will be allowed to sub-contract only labour work till maximum 1 level for trenching & ducting, cable blowing / pulling, aerial cable installation etc. where labours execute the work in field. Selected bidder(s) will not be allowed to sub-contract the entire Project work to other organization, therefore selected bidder(s) will be responsible to execute & Project manage the work through its own on - role team members. Sub-contracting the labour work shall also not relieve the selected bidder(s) from any liability or obligation under the Contract.

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Sr. No	RFP Document Clause/ Section No.	Clause Title	Page No.	Content of the RFP Requiring Clarification	Clarification Sought	Response / Revised Clause
55	Annexure VII, Sl. No.-A-1,2, 3 & 4; Sl. No.- F-8	Financial Bid Format	59 & 63	<p>A. Services - Passive Infrastructure for underground OFC laying</p> <p>1. Excavation of trench with 1 Mtr depth including HDPE-PLB duct laying, backfilling, compaction, reinstatement after laying of HDPE-PLB pipe and installation of protection mechanism (DWC pipe, on-site PCC etc. for the cases of low depth as per RFP)- 250kms</p> <p>2. Horizontal directional drilling including duct pulling- 25kms</p> <p>3. Manual mauling / boring including duct pulling- 12.5kms</p> <p>4. OFC blowing in duct / pulling of any size of cable with size of less than or equal to 24F- 250 kms</p> <p>F. Material Supply - Passive Infrastructure</p> <p>8. HDPE - PLB duct- 250kms</p>	As per the BoQ, Sl. No.- 1, the requirement for excavation of trench with 1 Mtr depth including laying of HDPE duct, etc. is 250 kms and as per Sl. No.- 2 the requirement for laying of HDPE duct using HDD is 25 kms and as per Sl. No.- 3 requirement for laying of duct using mauling/ manual boring is 12.5kms, the total comes out to be 287.5 kms. However it may be seen that the requirement for U/G OFC laying as per the same BoQ, Sl. No.- has been given as 250kms and also under the head of supply of Material Supply -Passive Infrastructure the requirement for supply of HDPE duct has been specified as 250kms, the quantities are not relating, may please clarify.	As per RFP - No Change
56	Annexure VII, Sl. No.-B- 1	Financial Bid Format	59	<p>B. Services - Passive Infrastructure for aerial OFC laying</p> <p>1. Aerial cable laying on existing pole / new pole including required accessories -3000kms</p>	Aerial Cable laying of 3000kms is part of the BoQ, however the type of OFC to be laid whether ADSS or OPGW and the number of cores has not been mentioned, no specification of the aerial cable to be laid has been specified at all, the same may be specified as the laying cost will be determined by that.	Please refer corrigendum.

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Sr. No	RFP Document Clause/ Section No.	Clause Title	Page No.	Content of the RFP Requiring Clarification	Clarification Sought	Response / Revised Clause
57	Annexure VII, Sl. No.-B- 1	Financial Bid Format	59	<p>B. Services - Passive Infrastructure for aerial OFC laying</p> <p>1. Aerial cable laying on existing pole / new pole including required accessories -3000kms</p>	Also laying of 3000kms of Aerial Cable has been shown in the BoQ in the service part, however supply of which type of Aerial cable is required is not defines in the BOQ, may please clarify which type of Aerial Cable will be the scope of the bidder and also the specs of the OFC should be provided.	Please refer corrigendum.
58	Annexure VII, Sl. No.-B- 2 & F- 16	Financial Bid Format	59 & 63	<p>B. Services - Passive Infrastructure for aerial OFC laying</p> <p>2. Installation of new pole -600Nos.</p> <p>F. Material Supply - Passive Infrastructure</p> <p>16. New pole for aerial cable installation- 200 Nos.</p>	<p>1) In the BoQ, scope for installation of new poles for aerial cable laying has been given as 600 Nos., however the quantity of supply of new poles has been given as 200 Nos., may please clarify.</p> <p>2) Please provide Specifications and height of new poles.</p>	<p>1. Please refer corrigendum.</p> <p>2. Generally, minimum height of the new pole will be 5 Mtr. The height of the pole will be decided as per site circumstances by GFGNL site in-charge.</p>

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59	Annexure VII, Sl. No.-B- 2 & F- 16	Financial Bid Format	59 & 63	<p>B. Services - Passive Infrastructure for aerial OFC laying</p> <p>2. Installation of new pole -600Nos.</p> <p>F. Material Supply - Passive Infrastructure</p> <p>16. New pole for aerial cable installation- 200 Nos.</p>	No specifications such dimensions, type, etc. have been provided for the poles required for Aerial Cable laying, the same may be specified please.	Refer Clause: 2.2.2 ,Bidder will have to use aerial drop cable installation accessories like Anchoring (Dead End) Assembly, Suspension Clamp Assembly, Adjustable Cable Storage Bracket, Stainless Steel Strap with Buckle etc. as mentioned in TEC GR : TEC/GR/TX/OFC-024/01/MAR-15 and as per field requirement & instruction of GFGNL official.

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60	Annexure VII, Sl. No.- D-5 & F-14	Financial Bid Format	61 & 63	<p>D. Services - Passive Infrastructure</p> <p>5. Installation of DWC pipe at / inside customer premise - 2250 Mtrs</p> <p>F. Material Supply - Passive Infrastructure</p> <p>14. DWC Pipe - 750 Mtrs</p>	<p>1. In the BoQ there is line item for installation of DWC pipe at customer premises for a length of 2250 Mtrs and also for supply of DWC pipe for a length of 750 mtrs. However there is no specification of the type of DWC required such as class of DWC, diameter of DWC, TSEC required, the same may be specified.</p>	<p>DWC must be compliant to TEC GR no.GR/DWC-34/01 Sep.2007 with latest amendments if any. Bidder should have valid Type Approval Certificate (TAC) from Telecom Engineering Centre (TEC) / WPC, New Delhi or Technical Specification Evaluation Certificate (TSEC) from Quality Assurance Circle, BSNL, Bengaluru, against the respective technical specifications of this RFP. In case any of the quoted models does not have TAC/ TSEC then it should be applied for TSEC to Quality Assurance Circle, BSNL, Bengaluru or to TEC/WPC, New Delhi for the model against the technical specifications, at least one day before the bid submission date. The registration number allotted for the TSEC purpose by Quality Assurance Circle, BSNL, Bengaluru or for TAC purpose by TEC/WPC, New Delhi shall be submitted along with the bid. However, only type approved/TSEC approved products as per above</p>
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Sr. No	RFP Document Clause/ Section No.	Clause Title	Page No.	Content of the RFP Requiring Clarification	Clarification Sought	Response / Revised Clause
						specifications shall be accepted which shall have to be obtained before supply.
61	Annexure VII, Sl. No.- F-15	Financial Bid Format	63	F. Material Supply - Passive Infrastructure 15. RCC half round pipe	Please provide specifications of RCC Half Round Pipe	Please refer corrigendum.
62	Annexure VII, Sl. No.-G- 10 & G-11	Financial Bid Format	65	G. Material Supply- Active Infrastructure 10. Voltage Stabilizer 11. UPS 1 KVA	1. Voltage Stabilizer is a built in function of UPS so need not be asked as separate line item.	As per RFP - No Change

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Sr. No	RFP Document Clause/ Section No.	Clause Title	Page No.	Content of the RFP Requiring Clarification	Clarification Sought	Response / Revised Clause
63	Annexure VII, Sl. No.-G- 13 & 14	Financial Bid Format	65	<p>G. Material Supply- Active Infrastructure</p> <p>13. Mini GPON OLT (4 Port GPON) - 250 Nos 14. Mini GPON OLT (2 Port GPON) - 250 Nos</p>	<p>1. ONTs have not been made part of the BoQ, however OLTs have been mentioned in the BOQ, may please clarify whether ONTs are required and in case they are required then same may be made part of the BoQ.</p> <p>2. Kindly define the ONT models which have been tested in the lab for interworking with Tejas and C-DOT installed OLT models. Kindly define the same.</p>	Annexure – VII: Financial Bid Format
64	Annexure – VIII : MAF (one and only one OEM for each component).	Annexure – VIII : MAF (one and only one OEM for each component).	67	Annexure – VIII : MAF (one and only one OEM for each component).	<p>1. Period of Contract is not mentioned explicitly in the MAF Format. However it is implied as per the RFP Reference. Kindly mention the Period of Contract in the MAF Format.</p> <p>2. Kindly allow multiple OEMs for Passive components atleast to expedite the OFC Works. Please consider</p>	<p>1.Please refer corrigendum.</p> <p>2. Agree</p>
65	Annexure – X: Technical Specifications	2F / 4F / 6F / 8F / 12F / 24F/ 48F Optical Fibre Cable	70	2F / 4F / 6F / 8F / 12F / 24F/ 48F Optical Fibre Cable	Type of Underground and Aerial cable should be defined for getting the exact rates	Please refer corrigendum.

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Sr. No	RFP Document Clause/ Section No.	Clause Title	Page No.	Content of the RFP Requiring Clarification	Clarification Sought	Response / Revised Clause
66	Annexure – X: Technical Specifications	P2P & P2MP unlicensed radio	71	Operating Frequency Band: 2.4 GHz / 5.X GHz	As per our understanding Operation Frequency Band could be either 2.4 GHz or 5.X GHz. Kindly confirm	Yes, Correct.
67	Annexure – X: Technical Specifications	ONT(Optical Network Terminal) (Manageable)	75	ONT(Optical Network Terminal) (Manageable)	1. ONTs have not been made part of the BoQ, however specifications for the same have been given, may please clarify whether ONTs are required and in case they are required then same may be made part of the BoQ. 2. Kindly define the ONT models which have been tested in the lab for interworking with Tejas and C-DOT installed OLT models. Kindly define the same.	Please refer corrigendum.
68	Annexure – X: Technical Specifications	CPE (customer premise equipment) L2 manageable switch – 8 ports	77	CPE (customer premise equipment) L2 manageable switch – 8 ports	Normally CPE (customer premise equipment) L2 manageable switch – 8 ports comes at a very high cost. Please check the same	As per RFP - No Change

Request for Proposal (RFP) for Selection of Project Implementation Agency (PIA) for Various Connectivity through BharatNet Network

Sr. No	RFP Document Clause/ Section No.	Clause Title	Page No.	Content of the RFP Requiring Clarification	Clarification Sought	Response / Revised Clause
69	Annexure – X: Technical Specifications	Mini GPON OLT 2 Port and 4 Port- Compatible with GFGNL Device – OLT, ONT, Switch,..etc	79, 81, 81 and 83	Mini GPON OLT 2 Port and 4 Port - Compatible with GFGNL Device – OLT, ONT, Switch,..etc	Make and Model of the devices compatible with GFGNL Device should be provided	As per RFP – No change
70	Annexure – X: Technical Specifications	Optical Wireless Communication (OWC) / FSO	83	Optical Wireless Communication (OWC) / FSO	Are these specifications for Li-Fi/FSO mentioned at BOQ line item G-12. Kindly confirm	Yes, Correct.
71	Section B. Notice Inviting Proposal and Necessary Instruction	9. Proposal due date (last date & time of Tender submission)	4	Tender should be submitted before 19.06.23 at 02:00 pm.	Request to provide minimum 3 weeks time after providing clarifications on the queries, as bidding strategy can be planned only after receiving replies to queries.	Please refer corrigendum.

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Sr. No	RFP Document Clause/ Section No.	Clause Title	Page No.	Content of the RFP Requiring Clarification	Clarification Sought	Response / Revised Clause
72	5.2 - 2	Eligibility Criteria	25	The Lead Bidder's Average Annual Turnover & Net worth must be as per below during last 3 years. (Purely from Telecom service business)	"Purely from Telecom service business" is generalized term. We have vast experience of Networking with DST for GSWAN & SICN. Should we interperate it as Telecom service	As per RFP - No Change
73	5.2 - 4	Eligibility Criteria	26	The Lead bidder or Consortium member must have experience of Installation, Configuration, Testing, Commissioning & Maintenance of wireless links (licensed or unlicensed band radio) as per below in last 5 years as on bid submission date.	We have vast experience of SITC of switches and implementation of nodes in GSWAN project. We request you to amend this clause and provide relaxation to us having experience in implementation of multiple nodes at Govt offices	As per RFP - No Change
74	5.2 - 5	Eligibility Criteria	26	The Lead bidder or Consortium member must have experience of Installation, Configuration, Testing, Commissioning & Maintenance of customer premise equipment (CPE) as per below in last 5 years as on bid submission date.	Can we consider SITC of switches and network under this clause?	As per RFP - No Change

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Sr. No	RFP Document Clause/ Section No.	Clause Title	Page No.	Content of the RFP Requiring Clarification	Clarification Sought	Response / Revised Clause
75	B - 2	Notice Inviting Proposal and Necessary Instruction	3	Rs. 15,000 /- (Rs. Fifteen Thousand Only) In the form of Demand Draft in favor of "Gujarat Fibre Grid Network Limited" drawn on any scheduled bank and payable at Ahmedabad/Gandhinagar. (Tender submission cost is Total Rs 15,000/- in form of Demand Draft irrespective of Zones being participated by the bidder).	As per government initiative to promote/support MSME/NSIC firms, government procurement policy has allowed the relaxation to the manufacturing firms (For Product/Services) who have the certificates of MSME/NSIC. Request to allow exemption for Tender Fee of MSME Registered Companies.	Ok. Relaxation is given as per "Relief for MSMEs - Amendments 02.06.2023" to MSME/NSIC firms subject to submission of firm registration certificate
76	B - 3	Notice Inviting Proposal and Necessary Instruction	3	Rs. 5,00,000 /- (Rs. Five Lacs Only) per zone Demand Draft in favor of "Gujarat Fibre Grid Network Limited" drawn on any scheduled bank and payable at Ahmedabad/Gandhinagar OR EMD in the form of bank guarantee with validity of 180 days from the last date of bid submission in favor of "Gujarat Fibre Grid Network Limited" from • All Nationalized banks including the Public sector banks - IDBI Ltd. • Private sector banks - AXIS Bank, ICICI Bank and HDFC Bank	As per government initiative to promote/support MSME/NSIC firms, government procurement policy has allowed the relaxation to the manufacturing firms (For Product/Services) who have the certificates of MSME/NSIC. Request to allow exemption for Tender Fee of MSME Registered Companies.	As per RFP - No Change

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Sr. No	RFP Document Clause/ Section No.	Clause Title	Page No.	Content of the RFP Requiring Clarification	Clarification Sought	Response / Revised Clause
77	Annexure – X: Technical Specifications	3U wall mounted rack	73	3. OTHER:To be provided with minimum one fan (Should have sufficient perforation for ventilation of air), power strip (with min. 5 no. 5A socket), cable manager & min 1 no. equipment Fixed tray	We not provide power strip 5socket 5Amp and cable manager To be provided with minimum one fan (Should have sufficient perforation for ventilation of air), power strip (with min. 3 no. 5A socket) & min 1 no. equipment removable tray 3U size :- 200mmh x 400mmw x 400mmd	As per RFP - No Change
78	Annexure – X: Technical Specifications	2U wall mounted rack	73	3. OTHER:To be provided with minimum one fan (Should have sufficient perforation for ventilation of air), power strip (with min. 5 no. 5A socket), cable manager & min 1 no. equipment Fixed tray	We not provide power strip 5socket 5Amp, cable manager and Tray To be provided with minimum one fan (Should have sufficient perforation for ventilation of air), power strip (with min. 3 no. 5A socket)	As per RFP - No Change
79	Annexure – X: Technical Specifications	2U wall mounted rack	73	1. SIZE 6.8-inch rack of 2U usable space with minimum depth of 215 mm	2U size :- 150mmh x 400mmw x 400mmd	As per RFP - No Change

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Sr. No	RFP Document Clause/ Section No.	Clause Title	Page No.	Content of the RFP Requiring Clarification	Clarification Sought	Response / Revised Clause
80	Mini GPON OLT 2 Port	4	80	Connector Type – Class C+/Class C++/Class C+++	Not recommended C+++, as ONT operating power is -8 to 10db	Clause Removed
81	Mini GPON OLT 4 Port	4	82	Connector Type – Class C+/Class C++/Class C+++	Not recommended C+++, as ONT operating power is -8 to 10db	Please Refer Corrigendum with specifications
82				ONT quantity missing in BOQ		Annexure – VII: Financial Bid Format

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Sr. No	RFP Document Clause/ Section No.	Clause Title	Page No.	Content of the RFP Requiring Clarification	Clarification Sought	Response / Revised Clause
83	Annexure – VII	G.13	65	Mini GPON OLT (4 Port GPON)	We hereby appreciate that you have chosen GPON technology for your prestigious project. The standard GPON device currently available in market are with 8 ports. 2/4 ports GPON OLT chipsets are majorly from Chinese vender which are currently barred due to anti border GR policy. we also recommended to used trusted source and Make in India product.	2 port GPON OLT is removed from scope. GFGNL's requirement is 4 port GPON OLT. Bidder is free to provide OLT with more no. of ports.
84	Annexure – VII	G.14	65	Mini GPON OLT (2 Port GPON)	We hereby appreciate that you have chosen GPON technology for your prestigious project. The standard GPON device currently available in market are with 8 ports. 2/4 ports GPON OLT chipsets are majorly from Chinese vender which are currently barred due to anti border GR policy. we also recommended to used trusted source and Make in India product.	2 port GPON OLT is removed from scope.

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Sr. No	RFP Document Clause/ Section No.	Clause Title	Page No.	Content of the RFP Requiring Clarification	Clarification Sought	Response / Revised Clause										
85	5.5.2.-Sr.No.4	Eligibility Criteria	26	<p>The Lead bidder or Consortium member should have minimum experience of Installation, Configuration, Commissioning & Maintenance of wireless network (licensed or unlicensed band radio) at least for 5 years as on bid submission date.</p> <table border="1" data-bbox="793 667 1159 914"> <thead> <tr> <th data-bbox="793 667 968 748">Bidder's participating in</th> <th data-bbox="968 667 1159 748">Experience</th> </tr> </thead> <tbody> <tr> <td data-bbox="793 748 968 792">1 zone</td> <td data-bbox="968 748 1159 792">>= 200 links</td> </tr> <tr> <td data-bbox="793 792 968 836">2 zones</td> <td data-bbox="968 792 1159 836">>= 250 links</td> </tr> <tr> <td data-bbox="793 836 968 880">3 zones</td> <td data-bbox="968 836 1159 880">>= 300 links</td> </tr> <tr> <td data-bbox="793 880 968 914">4 zones</td> <td data-bbox="968 880 1159 914">>= 350 links</td> </tr> </tbody> </table>	Bidder's participating in	Experience	1 zone	>= 200 links	2 zones	>= 250 links	3 zones	>= 300 links	4 zones	>= 350 links	<p>In this project, locations for connectivity would be offered to the selected bidders as per the requirement and fund availability with the respective Depts. So, in most of the sites, wireless links requirement may not arise. Hence, we request the Dept. to relax and delete this criterion from Eligibility criteria to allow more bidders to submit their offer for this project.</p> <p>In one of our FiberGrid projects, more than 10 lakh+ subscribers are being served and we have rich experience of CPEs installed and maintained. So, relaxation is requested as we are interested to bid for this project.</p>	Please refer Corrigendum
Bidder's participating in	Experience															
1 zone	>= 200 links															
2 zones	>= 250 links															
3 zones	>= 300 links															
4 zones	>= 350 links															

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Sr. No	RFP Document Clause/ Section No.	Clause Title	Page No.	Content of the RFP Requiring Clarification	Clarification Sought	Response / Revised Clause
86	2.1.14 & 2.2.1.19	Scope of Work for the Bidder	11 & 15	<p>Bidder will have to fulfill all the RoW / permission related formalities of all the Government departments for the implementation of last mile connectivity including preparing & submitting RoW / permission applications, liasoning & follow up, collecting payment from GFGNL offices & submitting to department's offices, receipt of permission letter from department's offices, refund of BG / SD from respective department within 6 months of work completion or as per guideline of respective department (whichever is earlier) etc.</p> <p>The HPIA has to pay ROW charges to any agencies (Except Penalties for violation which HPIA has to bear), then the GFGNL shall reimburse within 30 days on receipt of complete and relevant documents.</p>	<p>ROW permissions involves submission of BGs and takes enormous time and expenditure to get permissions. Proofs cannot be provided for all expenses. So, Approvals shall be in the scope of GFGNL.</p>	<p>As per RFP - No Change</p>

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Sr. No	RFP Document Clause/ Section No.	Clause Title	Page No.	Content of the RFP Requiring Clarification	Clarification Sought	Response / Revised Clause
87	Clause B. Sr.No.5; & 2.1.3	Contract Period	3	3 years from the date of issue of WO which can be extended further for next 2 years. In respective areas the HPIAs shall lay wireline or wireless media and set up electronics along with all functionalities including the responsibility of O&M support for 5 years.	The two clauses are contradicting to each other. Please clarify on contract period duration - 3 Years or 5 Years.	Please refer corrigendum.
88	Clause B. Sr.No. 2.1.13	Scope of Work for the Bidder	11	Maintenance, support services, warranty, annual maintenance contract etc. in respect of equipment supplied to the customer. All the active equipment, voltage stabilizer, UPS,6U/3U/2U rack and Mini OLT/ONT must be supplied with warranty of 5 years and all required licenses.	Please clarify on the contract period (3 Years or 5 Years) based on which the selected bidder would provide Warranty for the active equipment.	Please refer corrigendum.
89	Mini GPON OLT 4 Port - Compatible with GFGNL Device – OLT, ONT, Switch,..etc	SI No.1 Management Ports	81	1# 1G BASE-T Management port, 1#RJ45 CONSOLE port, 1#USB2.0, User friendly GUI Management	In order to meet the functional Requirement of Management of OLT , OEM OLT Should have Craft /local login page attributes should be accessible remotely without any physical engineer presence Via inband/DCN management, OLT management Should Via Either BASE-T Management port/RJ45 CONSOLE port/USB2.0.	Please Refer Corrigendum with specifications

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Sr. No	RFP Document Clause/ Section No.	Clause Title	Page No.	Content of the RFP Requiring Clarification	Clarification Sought	Response / Revised Clause
90	Mini GPON OLT 2 Port - Compatible with GFGNL Device – OLT, ONT, Switch,..etc	1 Management Ports	79	1# 1G BASE-T Management port, 1#RJ45 CONSOLE port, 1#USB2.0, User friendly GUI Management	This is Vendor Specific Clause in favor of Specific OEMs, 2 port OLT specs mentioned in the tender are designed to meet specific OEMs. In order to allow competition Request you consider 4 port with Min, OLT Should have 2xSFP(1GE/2.5GE) ports, 2x1GE RJ45 ports & 4 GPON ports "	Please refer corrigendum.(2 Port Mini GPON OLT removed from the Scope)
91	Mini GPON OLT 4 Port - Compatible with GFGNL Device – OLT, ONT, Switch,..etcS	S No 2 No. of Ports	81	2# 1GE SFP base Ports, 2# 10G SFP+ Ports, 4# GPON/PON Ports 4#Copper 10/100/1000M auto-negotiation	This is Vendor Specific Clause in favor of Specific OEMs, " We Request you to change as " OLT Should have 2xSFP(1GE/2.5GE) ports, 2x1GE RJ45 ports & 4 GPON ports "	Please Refer Corrigendum with specifications
92	Mini GPON OLT 2 Port - Compatible with GFGNL Device – OLT, ONT, Switch,..etc	2 No. of Ports	79	2# 1G BASE-T Ports, 2# 10G SFP+ Ports, 2# GPON/PON Ports	This is Vendor Specific Clause in favor of Specific OEMs, " We Request you to change as " OLT Should have 2xSFP(1GE/2.5GE) ports, 2x1GE RJ45 ports & 4 GPON ports populated with 2 GPON C+ SFP"	Please refer corrigendum.(2 Port Mini GPON OLT removed from the Scope)

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Sr. No	RFP Document Clause/ Section No.	Clause Title	Page No.	Content of the RFP Requiring Clarification	Clarification Sought	Response / Revised Clause
93	Mini GPON OLT 4 Port - Compatible with GFGNL Device – OLT, ONT, Switch,..etcS	Management Features	80	<p>WEB, HTTP, CLI, Telnet, SNMP v1/v2c, v3, SSH ONT configuration and management, User and Alarm Management</p> <p>Support 802.1X, Radius, Tacacs+ / or similar authentication protocols</p> <p>User friendly GUI utility</p> <p>Firmware and configuration upgradable via utility</p> <p>Remote ONU management</p> <p>ONU auto discovery, link detection, remote upgrade of software</p>	<p>in order to allow nural We request you to modify the clause as "Management Features WEB/ HTTP/ CLI/Telnet, SNMP v1/v2c, v3, SSH ONT configuration and management</p> <p>User and Alarm Management</p> <p>Support 802.1X/ Radius/ Tacacs+ / or similar authentication protocols</p> <p>User friendly GUI utility</p> <p>Firmware and configuration upgradable via utility</p> <p>Remote ONU management</p> <p>ONU auto discovery, link detection, remote upgrade of software"</p>	<p>Please refer corrigendum.(GPON-OLT,ONT should follow TSEC specifications)</p>

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Sr. No	RFP Document Clause/ Section No.	Clause Title	Page No.	Content of the RFP Requiring Clarification	Clarification Sought	Response / Revised Clause
94	Mini GPON OLT 2 Port - Compatible with GFGNL Device – OLT, ONT, Switch,..etc	5 Management Features	82	WEB, HTTP, CLI, Telnet, SNMP v1/v2c, v3, SSH ONT configuration and management User and Alarm Management Support 802.1X, Radius, Tacacs+/or similar authentication protocols User friendly GUI utility Firmware and configuration upgradable via utility Remote ONU management ONU auto discovery, link detection, remote upgrade of software	in order to allow nural We request you to modify the clause as "Management Features WEB/ HTTP/ CLI/Telnet, SNMP v1/v2c, v3, SSH ONT configuration and management User and Alarm Management Support 802.1X/ Radius/ Tacacs+ / or similar authentication protocols User friendly GUI utility Firmware and configuration upgradable via utility Remote ONU management ONU auto discovery, link detection, remote upgrade of software"	Please refer corrigendum.(2 Port Mini GPON OLT removed from the Scope)
95	Mini GPON OLT 4 Port - Compatible with GFGNL Device – OLT, ONT, Switch,..etcS SL no 7 L2 Features	7 L2 Features	82	DHCP server, DHCP relay, DHCP snooping, IGMP snooping, 802.1d (Spanning tree), 802.1w (RSTP), 802.1s (MSTP), LACP, Rate Limit, QoS based on port, QoS based on TOS, port, VID, Mac addresses, ACL, IEEE802.x flow control, 1024 Multicast Groups, broadcasting storm contro	We Request you to modify the Clause as DHCP server/ DHCP relay/ DHCP snooping/ IGMP snooping, 802.1d (Spanning tree)/802.1w (RSTP)/802.1s (MSTP)/ or Equivalent. LACP, Rate Limit, QoS based on port/ QoS based on TOS, port/VID, Mac addresses/ACL/IEEE802.x /flow control/ 1024 Multicast Groups, broadcasting storm control &Support Sub 50ms Protection switching features through ERPS & Open ERPS on GE ports	Please Refer Corrigendum with specifications

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Sr. No	RFP Document Clause/ Section No.	Clause Title	Page No.	Content of the RFP Requiring Clarification	Clarification Sought	Response / Revised Clause
96	Mini GPON OLT 2 Port - Compatible with GFGNL Device – OLT, ONT, Switch,..etc	SNL 7 L2 Features	80	DHCP server, DHCP relay, DHCP snooping, IGMP snooping, 802.1d (Spanning tree), 802.1w (RSTP), 802.1s (MSTP), LACP, Rate Limit, QoS based on port, QoS based on TOS, port, VID, Mac addresses, ACL, IEEE802.x flow control, 1024 Multicast Groups, broadcasting storm control	We Request you to modify the Clause as DHCP server/ DHCP relay/ DHCP snooping/ IGMP snooping, 802.1d (Spanning tree)/802.1w (RSTP)/802.1s (MSTP)/ or Equivalent. LACP, Rate Limit, QoS based on port/ QoS based on TOS, port/VID, Mac addresses/ACL/IEEE802.x /flow control/ 1024 Multicast Groups, broadcasting storm control &Support Sub 50ms Protection switching features through ERPS & Open ERPS on GE ports	Please refer corrigendum.(2 Port Mini GPON OLT removed from the Scope)
97	Mini GPON OLT 4 Port - Compatible with GFGNL Device – OLT, ONT, Switch,..etcS	SL 8 .L3 Features	82	static route, RIP, OSPF	Routing Features like RIP & OSPF are L3 Switches features not Standered GPON OLT features, These features are Fevering certain OEM Request you yo delete this Clause	Please refer corrigendum.(For GPON- OLT & ONT -valid Technical Specification Evaluation Certificate (TSEC) / Type Approval Certificate / AT certificate or copy of Application for fresh TSEC/TAC/AT certificate will be allowed)
98	Mini GPON OLT 2 Port - Compatible with GFGNL Device – OLT, ONT, Switch,..etc	SL 8 .L3 Features	80	static route, RIP, OSPF	Routing Features like RIP & OSPF are L3 Switches features not Standered GPON OLT features, These features are Fevering certain OEM Request you yo delete this Clause	Please refer corrigendum.(2 Port Mini GPON OLT removed from the Scope)

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Sr. No	RFP Document Clause/ Section No.	Clause Title	Page No.	Content of the RFP Requiring Clarification	Clarification Sought	Response / Revised Clause
99	Mini GPON OLT 4 Port - Compatible with GFGNL Device – OLT, ONT, Switch,..etcS	10 Physical Indicator	82	Power Indicator, system Indicator, port indicator (ACT/Link), PON port indicator, (power consumption indicator-optional), over temperature sensors/indicators and shut down	Physical Indicator Design Depends on OEM to OEM, Request you to consider Generic Specification instead of specific OEM, Please modify Clause as System Should have LED indications Power ,Fan ,critical and major alarms LEDs indications, GPON port LED indications, Ethernet port LED indications as applicable	As per RFP - No Change
100	Mini GPON OLT 2 Port - Compatible with GFGNL Device – OLT, ONT, Switch,..etc	10 Physical Indicator	80	Power Indicator, system Indicator, port indicator (ACT/Link), PON port indicator, (power Consumption indicator-optional), over temperature sensors/indicators and shut down	Physical Indicator Design Depends on OEM to OEM, Request you to consider Generic Specification instead of specific OEM, Please modify Clause as System Should have LED indications Power ,Fan ,critical and major alarms LEDs indications, GPON port LED indications,Ethernet port LED indications as applicable	Please refer corrigendum.(2 Port Mini GPON OLT removed from the Scope)
101	Mini GPON OLT 4 Port - Compatible with GFGNL Device – OLT, ONT, Switch,..etc	9 Operation Temperature	82	: -5 °C to 65 °C	Request you to include Realistic practical Temperature of min & Maximum based on the Gujrath Geghycial Request you to modify : 0 °C to 60 °C	Please refer corrigendum.

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Sr. No	RFP Document Clause/ Section No.	Clause Title	Page No.	Content of the RFP Requiring Clarification	Clarification Sought	Response / Revised Clause
102	Mini GPON OLT 2 Port - Compatible with GFGNL Device – OLT, ONT, Switch,..etc	9 Operation Temperature	80	: -5 °C to 65 °C	Request you to include Realistic practical Temperature of min & Maximum based on the Gujrath Geghyical Request you to modify : 0 °C to 60 °C	Please refer corrigendum. (2 Port Mini GPON OLT removed from the Scope)
103	CPE (customer premise equipment) L3 router – Option 1	8. Feature support	76	IPv6 support, Quality of Service (QoS), IPSEC, DHCP, IGMP V3, NAT and Firewall Services	We Request you you to modify the Clause as IPv6 support, Quality of Service (QoS) ,NAT and Firewall Services, DHCP, IGMP V3,	As per RFP - No Change
104	CPE (customer premise equipment) L3 router – Option 2	8. Feature support	76	IPv6 support, Quality of Service (QoS), IPSEC, DHCP, IGMP V3, NAT and Firewall Services	We Request you you to modify the Clause as IPv6 support, Quality of Service (QoS) ,NAT and Firewall Services, DHCP, IGMP V3,	As per RFP - No Change

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Sr. No	RFP Document Clause/ Section No.	Clause Title	Page No.	Content of the RFP Requiring Clarification	Clarification Sought	Response / Revised Clause
105	CPE (customer premise equipment) L3 router – Option 1	11. Safety standard	76	UL / IEC	We Request you you to modify the Clause as " Offered product or any product from the same family/series of the offered product should have TSEC certified in last 2 years(2021-2022) against TEC GR No. GR/PON-01/02 APRIL 2008 or TEC/GR/TX/PON-02/01.MAY-2013or Latest"	As per RFP - No Change
106	CPE (customer premise equipment) L3 router – Option 2	11. Safety standard	76	UL / IEC	We Request you you to modify the Clause as " Offered product or any product from the same family/series of the offered product should have TSEC certified in last 2 years(2021-2022) against TEC GR No. GR/PON-01/02 APRIL 2008 or TEC/GR/TX/PON-02/01.MAY-2013or Latest"	As per RFP - No Change
107	CPE (customer premise equipment) L3 router – Option 2	3. Flash Memory	76	128 MB/64MB	This is Vendor Specific Clause in favor of a Specific few OEMs, Design based differs from OEM to OEM this should not be restrictive Kindly Modify the Clause as " CPE Should have sufficient Flash Memory to meet the functional Requirements	Please refer corrigendum.

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Sr. No	RFP Document Clause/ Section No.	Clause Title	Page No.	Content of the RFP Requiring Clarification	Clarification Sought	Response / Revised Clause
108	CPE (customer premise equipment) L3 router – Option 1	3. Flash Memory	76	1 gb/128mb/64mb	This is Vendor Specific Clause in favor of a Specific few OEMs, Design based differs from OEM to OEM this should not be restrictive Kindly Modify the Clause as " CPE Should have sufficient Flash Memory to meet the functional Requirements	Please refer corrigendum.
109	CPE (customer premise equipment)	L3 router – Option 2	76	1. No. of WAN port (1GE RJ45 port) 1 no. 2. LAN Port (10/100 BaseT ports) 2 nos.	We request you to please modify the Clause as CPE Should have one GPON Port,1. No. of WAN port (1GE RJ45 port) 1 no. 3 LAN Port (10/100 BaseT ports), CPE Should configuration as either CPE Router or ONT with software upgrade	As per RFP - No Change
110	CPE (customer premise equipment)	L3 router – Option 1	76	1. Aggregate Throughput 100 Mbps 2. No. of WAN port (1GE RJ45 port) 2 nos. 3. LAN Port (10/100/1000 BaseT ports) 2 no	We request you to please modify the Clause as CPE Should have one GPON Port,1. No. of WAN port (1GE RJ45 port) 1 no. 3 LAN Port (10/100 BaseT ports), CPE Should configuration as either CPE Router or ONT with software upgrade	As per RFP - No Change

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Sr. No	RFP Document Clause/ Section No.	Clause Title	Page No.	Content of the RFP Requiring Clarification	Clarification Sought	Response / Revised Clause
111	CPE (customer premise equipment) L2 manageable switch – 24 ports	Switch Performance & Throughput	76	The Switch should support a minimum of 50 Gbps Switching Fabric Capacity. • The switch should have forwarding rate of min 40 Mpps	Wider Competition allow better performance Capacity We Request you to modify Clause as Switching Capacity 208 Gbps & forwarding rate 154 Mpps	As per RFP - No Change
112	CPE (customer premise equipment)	L2 manageable switch – 24 ports	76	No. of Ports 24 ports of 10/100/1000 BaseT (out of 24 ports, 12 ports should be PoE supported with PoE power support of minimum 80W) and 2 Uplink ports of 1GE	RFP Given Specifications are Specific to OEM, Request you to please consider the generic Specs No. of Ports 24 ports of 10/100/1000 BaseT & 2*10G uplinks (out of 24 ports POE should enabled /Disabled per port Basis and Total POE Budget of 370W	As per RFP - No Change
113	CPE (customer premise equipment)	L2 manageable switch – 24 ports	76	3. MAC Support for minimum 8K MAC entries	Wider Competition allow better performance Capacity Request you to please modify the Clause as MAC Support for minimum 16K MAC entries	As per RFP - No Change

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Sr. No	RFP Document Clause/ Section No.	Clause Title	Page No.	Content of the RFP Requiring Clarification	Clarification Sought	Response / Revised Clause
114	CPE (customer premise equipment)	L2 manageable switch – 8 ports	77	3. MAC Support for minimum 4K MAC entries	Wider Competition allow better performance Capacity Request you to please modify the Clause as MAC Support for minimum 16K MAC entries	As per RFP - No Change
115	CPE (customer premise equipment)	L2 manageable switch – 24 ports	76	Should support minimum 500 active VLANs.	Request you to please modify the Clause as should support minimum 4096 active VLANs	As per RFP - No Change
116	CPE (customer premise equipment)	L2 manageable switch – 8 ports	77	Should support minimum 500 active VLANs.	Request you to please modify the Clause as should support minimum 4096 active VLANs	As per RFP - No Change

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Sr. No	RFP Document Clause/ Section No.	Clause Title	Page No.	Content of the RFP Requiring Clarification	Clarification Sought	Response / Revised Clause
117	CPE (customer premise equipment)	L2 manageable switch – 24 ports	77	6. Operation Temperature 0 to 50 °C	We Request you to please modify 0 degC to +55 deg Considering the Gujarath Environmental considerations	Please refer corrigendum.
118	CPE (customer premise equipment)	L2 manageable switch – 8 ports	77	6. Operation Temperature 0 to 50 °C	We Request you to please modify 0 degC to +55 deg Considering the Gujarath Environmental considerations	Please refer corrigendum.
119	CPE (customer premise equipment)	L2 manageable switch – 8 ports	NEW Clause	Add this Clause Safety,EMI and EMC	Should be VAPT Certified & should have Safety, CE, EN60950-1 EMI and EMC FCC Part 15 Subpart B, Class A EN 55022, EN 55011 EN 300 386 EN 61000-3-2, EN 61000-3-3 EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5 EN 61000-4-6, EN 61000-4-8, EN 61000-4-11 EN 61000-6-4	As per RFP - No Change

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Sr. No	RFP Document Clause/ Section No.	Clause Title	Page No.	Content of the RFP Requiring Clarification	Clarification Sought	Response / Revised Clause
120	CPE (customer premise equipment)	L2 manageable switch – 24 ports	NEW Clause	Add this Clause Safety,EMI and EMC	Should be VAPT Certified & & should have Safety, CE, EN60950-1 EMI and EMC FCC Part 15 Subpart B, Class A EN 55022, EN 55011 EN 300 386 EN 61000-3-2, EN 61000-3-3 EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5 EN 61000-4-6, EN 61000-4-8, EN 61000-4-11 EN 61000-6-4	As per RFP - No Change
121	CPE (customer premise equipment)	L2 manageable switch – 8 ports	77	1. Switch Performance & Throughput The Switch should support a minimum of 16 Gbps Switching Fabric Capacity. • The switch should have forwarding rate of min 10 Mpps	Wider Competition Allow Standard Switching Capacity Support support to handle better performance We Request you to please modify the Clause as 24 Gbps & Forwarding Rate 17 Mpps	As per RFP - No Change
122	CPE (customer premise equipment)	L2 manageable switch – 8 ports	77	should support minimum 500 active VLANs	Wider Competition Allow Standard VLAN Support support to handle better End user's Request you to please modify the Clause as should support minimum 4096 active VLANs	As per RFP - No Change

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Sr. No	RFP Document Clause/ Section No.	Clause Title	Page No.	Content of the RFP Requiring Clarification	Clarification Sought	Response / Revised Clause
123	Add this Clause		New	we request share the Indicative network Connectivity Diagram which contains the Positioning of Active Components	we request share the Indicative network Connectivity Diagram which contains the Positioning of Active Components	Please refer corrigendum.
124	Add this Clause		New	Please add this New Clause "OEM Company is willing to provide the entire design and IP for review and security audit to, if asked for. Should be the same product brand with Network Operating System being the same as that of the supplied indigenous Product "	Please add this New Clause "OEM Company is willing to provide the entire design and IP for review and security audit to, if asked for. Should be the same product brand with Network Operating System being the same as that of the supplied indigenous Product "	Query not clear.
125	Add this Clause		New	All the Active Equipment OEM Should be registered in Govt of India Trusted Source Portal	All the Active Equipment OEM Should be registered in Govt of India Trusted Source Portal	As per RFP - No Change

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Sr. No	RFP Document Clause/ Section No.	Clause Title	Page No.	Content of the RFP Requiring Clarification	Clarification Sought	Response / Revised Clause
126	Add This New	MII		implement make in India Policy.Request you to implement Make in India Policy of Government of PMA policy is made mandate by MoUD via notification D.O. No. K-14012/101(17)/2017-SC-III-A dated 27th April 2017.	<p>Tender should have a clause saying that GOI Preferential Market Access Policy to promote domestic manufacturing under Make in India is applicable in this project- as per the following notifications</p> <p>a. Notification No.8(78)/2010-IPHW dated 10 Feb 2012</p> <p>b. DoT notification No.18-07/2010-IPdated 05 Oct 2012</p> <p>c. Guidelines issued by DeitY vide No.8(78)/2010-IPHW dated 12Jun 2013.</p> <p>d. Notification issued by DeitY vide No.33(3)/2013-IPHW dated 23Dec 2013.</p> <p>e. Guidelines issued by DeitY vide No.33(7)/2015-IPHW dated 16th November,2015.</p> <p>This PMA policy is made mandate by MoUD via notification D.O. No. K-14012/101(17)/2017-SC-III-A dated 27th April 2017. Please do confirm the implementation of the policy.</p> <p>Tender ref. no.- GFGNL/DST/BharatNet – PIA/2018/26 for “Selection of Project Implementing Agency for BharatNet Phase-II project in the State of Gujarat under Gujarat Fibre Grid Network Limited. (Tender copy attached)</p>	As per RFP - No Change

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Sr. No	RFP Document Clause/ Section No.	Clause Title	Page No.	Content of the RFP Requiring Clarification	Clarification Sought	Response / Revised Clause
127	Add This New	Add This New	Add This New		For Better Stability OEM Should have Qualification creatia in the Bharathnet project REquest you yo add this Clause "OEM of GPON products should be supplied Directly /or through partner at State Goverment/ Central Government;s GPON Network . Products should have cumulatively completed supply of atleast 10,000 OLTs and 75,000 ONTs to State/Central Government/Bharatnet Projects in India in the last five years as on 31st March 2023. (Purchase orders supported by Shipment Documents / Go-Live Certificate / Phase Certificate from end user shall be enclosed)	As per RFP - No Change

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Sr. No	RFP Document Clause/ Section No.	Clause Title	Page No.	Content of the RFP Requiring Clarification	Clarification Sought	Response / Revised Clause
128	Add This New	Add This New	Add This New	Approved Indian Telecom Authority TEC guidelines	We Request that Active Component specification should be in accordance with Approved Indian Telecom Authority TEC guidelines in order to allow for better competition & national interest. We request you to modify All the Specs of GPON OLT & ONT Offered product or any product from the same family/series of the offered product should have TSEC certified in last 2 years(2021-2022) against TEC GR No. GR/PON-01/02 APRIL 2008 or TEC/GR/TX/PON-02/01.MAY-2013or Latest"	Please refer corrigendum.
129	Add This New	Add this New Clause	Add This New	Add this New Clause	If OEM already deployed EMS/NMS in GFGNL Network, GPON EMS/NMS Should able to be managed from existing GFGNL EMS/NMS at theGFGNL with an Additional License /Hardware sizing as applicable.	Infra (Space ,power and Storage) can be provided by GFGNL, Procurement of licenses for the software products like OS,Database or any other third party software required to run the application (web application and mobile applications)with enterprise support/ATS/AMC for production environment

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Sr. No	RFP Document Clause/ Section No.	Clause Title	Page No.	Content of the RFP Requiring Clarification	Clarification Sought	Response / Revised Clause
130	Add This New	Add this New Clause	Add This New	Add this New Clause	Auto registration of 3rd party GPON ONT in GPON OLT	Please refer corrigendum.
131	Add This New	Add this New Clause	Add This New	Add this New Clause	GPON products should be compliant to ITU-T G.984 /G.988 standards	Refer ONT Specifications on Page-75- and Clause: 2.1.4: "All GPON Products should be compliant to ITU-T G.984 /G.988 standards".
132	Add This New	Add this New Clause	Add This New	Add this New Clause	GPON OLT Should Support ITU-T G.8032: Ethernet Ring Protection Scheme,	Please refer corrigendum.

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Sr. No	RFP Document Clause/ Section No.	Clause Title	Page No.	Content of the RFP Requiring Clarification	Clarification Sought	Response / Revised Clause
133	Add This New	Add this New Clause	Add This New	Add this New Clause	Active Component Should be able to integrate with Existing GFGNL EMS Solutions	As per RFP - No Change
134	Add This New	Add this New Clause	Add This New	Add this New Clause	OEM OLT Should support 3rd party ONT with an open License from day 1	As per RFP - No Change
135	ONT(Optical Network Terminal) (Manageable)	Add this New Clause	75	Types of ONT to be Considered	GFGNL end customer can be 3 Different Types of ONT , Request you to consider the below Types of ONT for Long term application Tailer Suited ONT Type 1. Home-ONT (H-ONT) for FTTH applications with dual Band Wifi Type 2. Home-ONT (H-ONT) for FTTH applications without Wifi Type 3. Business-ONT (B-ONT) for FTTH applications with Type C Protection	Please refer corrigendum with specifications.

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Sr. No	RFP Document Clause/ Section No.	Clause Title	Page No.	Content of the RFP Requiring Clarification	Clarification Sought	Response / Revised Clause
136	Annexure – VII: Financial Bid Format	GMaterial Supply - Active Infrastructure	65	ONT(Optical Network Terminal) (Manageable) Qty to be mentioned in the BOQ	We Request you to please indicate the ONT Qty	Annexure – VII: Financial Bid Format
137	ONT(Optical Network Terminal) (Manageable)	9.Manageability	75	MQTT/Modbus TCP/IP, Simple Network Management Protocol (SNMP), support SSH, SNMPv3, Telnet, and HTTPS, support WEB /TR069/TELNET/CLI, support DHCP functions like DHCP Server and DHCP Relay	ONT Management Should as per The GPON Standered Defined The general characteristics and architectures of GPON shall be complied with ITU-T Rec.G.984.1.physical layer and transmission convergence layer (TC) specification for GPON shall be as per ITU-T Rec.984.3. Physical Media Dependent (PMD) layer specification as per ITU-T Rec.G.984.2. ONT management and control interface (OMCI) as per ITU T Rec.G.984.4 &	Query not clear.

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Sr. No	RFP Document Clause/ Section No.	Clause Title	Page No.	Content of the RFP Requiring Clarification	Clarification Sought	Response / Revised Clause
138	ONT(Optical Network Terminal) (Manageable)	Add this new Clause		Functional and technical requirement of ONT Family shall be as per TEC/GR /TX/PON-02/01/ May 2013 With latest	Functional and technical requirement of ONT Family shall be as per TEC/GR /TX/PON-02/01/ May 2013 With latest	Please refer corrigendum.
139	A	Invitation to Bid	2	The Bid Security and non-refundable bid processing fees in a separate sealed envelope superscribed with the bid document number to be submitted to GFGNL office before the last date & time of submission of bids as mentioned in the RFP document.	<p>1. Please confirm, if technical & financial bid need to submit in hard copy (under offline mode) or not?</p> <p>2. We understand that Bidder need to submit ONLY Bid Security and non-refundable bid processing fees as OFFLINE mode. Kindly confirm.</p> <p>3. Single Bid Security and single non-refundable bid processing fees is applicable for all packages. Kindly confirm.</p>	<p>1. Not Required, only Online submission is enough.</p> <p>2. Along with this EMD is also applicable online mode.</p> <p>3. Bidder has to submit security and non-refundable bid fees zone-wise separately.</p>
140	7.15	Rejection Criteria	36	7.15.1 (g) Bids without Power of Attorney and any other document consisting of adequate proof of the ability of the authorized signatory to bind the Bidder.	Please allow bidders to use general Power of Attorney issued in favor of Authorised Signatory and copy of same shall be part of bid. There is no need to have instant tender specific Power of Attorney. Kindly accept and confirm, otherwise provide the format of tender specific Power of Attorney.	Please refer corrigendum.

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Sr. No	RFP Document Clause/ Section No.	Clause Title	Page No.	Content of the RFP Requiring Clarification	Clarification Sought	Response / Revised Clause
141	1	Introduction	9	1.5 GFGNL / DST / GoG is not giving any guarantee to any bidders about the timeline to provide the Government office / school locations for connectivity. These locations will be offered to selected bidders for connectivity as per the requirement & fund availability with the respective departments. Selected bidders will be free to connect these locations based on technical feasibility & approval available from GFGNL.	We understand that GFGNL is sole responsible to coordinate with such departments, Govt Offices, Schools etc and bidder is nowhere responsible to expedite the same. Please confirm.	Agree
142	2	Scope of Work (SoW) for the bidder	9	2.1.4 Supply, installation, testing & commissioning, and acceptance testing (field AT) of the required network components like OFC drop cables, HDPE PLB duct, radios, rack, pole, mast, CPE (router, switch), media converter (Optical to Ethernet and ethernet to optical converter), mini-OLT, required accessories,	<p>1. Please confirm, Bulk QA testing will be carried out before dispatch of the material or not?</p> <p>2. Who shall carry out the Bulk QA testing before dispatch of the material?</p> <p>3. We understand that GFGNL shall bear the cost of testing agency for Bulk QA testing before dispatch of the material (if applicable). Please confirm.</p>	<p>1. As Per RFP- No Change.</p> <p>2. As Per RFP -No Change.</p> <p>3. Yes</p>

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Sr. No	RFP Document Clause/ Section No.	Clause Title	Page No.	Content of the RFP Requiring Clarification	Clarification Sought	Response / Revised Clause
143	2	Scope of Work (SoW) for the bidder	10	2.1.5 GFGNL may appoint third party agency.	We understand that GFGNL shall bear the cost of such third party agency. Plesae confirm.	Yes,Correct
144	2	Scope of Work (SoW) for the bidder	10	2.1.7 Scope mentioned is only to discover the rate and the scope may be vary in future by +/- 25% of given scope, selected bidder will get the workorder of those additional sites based on same rate quoted during this RFP based on eligibility criteria.	We understand that GFGNL may place such quantity +/- 25% within 6 months of award of APO/LOI. Please confirm, else provide the timelines for same as bidder need to make financial commitments with the suppliers/OEM's.	As Per RFP- No Change

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Sr. No	RFP Document Clause/ Section No.	Clause Title	Page No.	Content of the RFP Requiring Clarification	Clarification Sought	Response / Revised Clause
145	2.1.10	2. Scope of Work (SoW) for the bidder	10	2.1.10. Selected bidder will have to supply EMS (Element Management System) for each active components like but not limited to radios, router, switch, media converter (Optical to Ethernet and ethernet to optical converter), Mini-OLT/ONT etc. used in network, so that required alarms can be monitored and the up / down status of the equipments. Further, selected bidder & their OEM partners will have to facilitate the integration of all these EMSs with GFGNL's existing NMS (Network Management System), ERP system, through API or any other suitable mechanism as per the requirement of GFGNL's NMS application and up to the satisfaction of GFGNL.	We request to kindly add EMS (Element Management System) in BOQ line item, along with the clarity on nos. of licenses required to be managed. Request you to kindly confirm the same.	As Per RFP- No Change

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Sr. No	RFP Document Clause/ Section No.	Clause Title	Page No.	Content of the RFP Requiring Clarification	Clarification Sought	Response / Revised Clause
146	2.1.10	2. Scope of Work (SoW) for the bidder	10	2.1.10. Selected bidder will have to supply EMS (Element Management System) for each active components like but not limited to radios, router, switch, media converter (Optical to Ethernet and ethernet to optical converter), Mini-OLT/ONT etc. used in network, so that required alarms can be monitored and the up / down status of the equipments. Further, selected bidder & their OEM partners will have to facilitate the integration of all these EMSs with GFGNL's existing NMS (Network Management System), ERP system, through API or any other suitable mechanism as per the requirement of GFGNL's NMS application and up to the satisfaction of GFGNL.	We understand that necessary rack space with required managed uninterepted power and cooling infra will be provided by tenderer, for EMS H/W installation. Request you to kindly confirm the same.	Infra (Space, power and Storage) can be provided by GFGNL, Procurement of licenses for the software products like OS, Database or any other third party software required to run the application (web application and mobile applications) with enterprise support/ATS/AMC for production environment

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Sr. No	RFP Document Clause/ Section No.	Clause Title	Page No.	Content of the RFP Requiring Clarification	Clarification Sought	Response / Revised Clause
147	2.1.10	2. Scope of Work (SoW) for the bidder	10	2.1.10. Selected bidder will have to supply EMS (Element Management System) for each active components like but not limited to radios, router, switch, media converter (Optical to Ethernet and ethernet to optical converter), Mini-OLT/ONT etc. used in network, so that required alarms can be monitored and the up / down status of the equipments. Further, selected bidder & their OEM partners will have to facilitate the integration of all these EMSs with GFGNL's existing NMS (Network Management System), ERP system, through API or any other suitable mechanism as per the requirement of GFGNL's NMS application and up to the satisfaction of GFGNL.	We understand that bidder shall provide their API or any other suitable mechanism for integration with GFGNL NMS and GFGNL shall be responsible to develop/changes required (if any) in their NMS for integration.	Correct, However, API should support GFGNL NMS system
148	2.1.13	2. Scope of Work (SoW) for the bidder	11	UPS battery must have 3 years of warranty.	After 3 years of such warranty period on UPS Battery, GFGNL shall bear the cost of replacement of same. Please confirm.	Correct

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Sr. No	RFP Document Clause/ Section No.	Clause Title	Page No.	Content of the RFP Requiring Clarification	Clarification Sought	Response / Revised Clause
149	2.1.14	2. Scope of Work (SoW) for the bidder	11	Bidder will have to fulfill all the RoW / permission related formalities of all the Government departments for the implementation of last mile connectivity including preparing & submitting RoW / permission applications, liasoning & follow up, collecting payment from GFGNL offices & submitting to department's offices,.....	This clause need to be amended as in contradiction with clause no. 3.9 (page no 23), [Scope of Work (SoW) for GFGNL]. Also, it may be noted that all the RoW demand note shall be issued in the name of GFGNL, all RoW fee/payment shall be done by GFGNL directly. Please confirm to avoid any ambuiguity at later stage, also same is as per Clause no..	All ROW demand note shall be issued in the name of GFGNL, applicable fees shall be directly paid by GFGNL to the agency like RoW,insurance,etc. All kind of field support needs to be extened by selected Bidder
150	2.1.15	2. Scope of Work (SoW) for the bidder	11	The Bidder has to consider approximately 5% of sites of allocated zone in shifting scope in near future due to various reasons like customer dependency. Selected bidder has to shift the services to customer new sites within agreed timeline without additional cost to GFGNL.	In case some material is required during such shifting etc (like damage during uninstillation, consumable etc) then GFGNL shall bear/reimburse the cost of such material subject to prior approval / recomendation of GFGNL/TPA. Kindly confirm the same.	Please refer corrigendum.
151	2.1.24	2. Scope of Work (SoW) for the bidder	12	The bidder shall be responsible for providing Software (System Software, Application Software, Device Drivers, IOS, etc.) required, if any, to meet any additional requirements during the currency of the Agreement without any additional cost to Tenderer. All license software must be in the name of GFGNL, Gujarat.	Please provide more details of such software requirement.	GFGNL will share details to Selected bidder once on boarded

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Sr. No	RFP Document Clause/ Section No.	Clause Title	Page No.	Content of the RFP Requiring Clarification	Clarification Sought	Response / Revised Clause
152	2.2.1.11	2. Scope of Work (SoW) for the bidder	14	Selected bidder shall keep minimum total 20 mtr loop in each Manhole & Hand hole, properly coiled and tied with cable ties.	GFGNL shall make payment of OFC as per OTDR reading. Please confirm.	As Per RFP- No Change
153	2.2.1.17	2. Scope of Work (SoW) for the bidder	14	It will be sole responsibility of the selected bidder to inspect GP and Government Institute prior start of the field activities, this includes but not limited to the power availability at GP and at Government institute, building structure strength and stability, water seepage, earthing, etc. Bidder has to update GFGNL official for building infra issue, non-use of building or any field challenge prior to installation, if any.	We understand that GFGNL shall be responsible to resolve such issues like Infra related, Electricity/Power availability etc. Also, GFGNL shall facilitate bidders to get space etc required for proper installation of material at Customer Premises. Please confirm.	Correct
154	2.2.1.20	2. Scope of Work (SoW) for the bidder	15	Fibre Loop at UG MH(Manhole) must keep at every 1 Km or based on requirement like major road crossing, railway crossing etc.	GFGNL shall make payment of OFC as per OTDR reading. Please confirm.	As Per RFP- No Change

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155	2.2.1.23	2. Scope of Work (SoW) for the bidder	15	<p>Carry out operation & maintenance of the last mile link including all the field activities required (preventive & corrective maintenance) to keep all the links up & running. It will be successful bidder(s)' responsibility to rectify / restore the link in case any cable/link is damaged due to road widening, construction of bridges, culvert more than 100m sections or change in RoW due to utility (like in case of drainage/water pipeline project etc) or aerial damage due to major EB pole shifting work / by any third party /due to any other field challenges within defined timeline</p>	<p>We request to amend this clause as once project would be in O&M phase, bidder has to maintain laid network on behalf of customer and any damages OR planned activity by external agencies are not in control of bidder so we request you to amend this clause as per below and acknowledge.:</p> <p>Carry out operation & maintenance of the last mile link including all the field activities required (preventive & corrective maintenance) to keep all the links up & running. It will be successful bidder(s)' responsibility to rectify / restore the link in case any cable/link is damaged due to road widening, construction of bridges, culvert more than 100m sections or change in RoW due to utility (like in case of drainage/water pipeline project etc) or aerial damage due to major EB pole shifting work / by any third party /due to any other field challenges within defined timeline, for which successful bidder will paid as per the established Supply and ITC rates through the same tender. Further, purchaser will also reimburse RoW charges in case of it is required to be obtain during O&M.</p>	As Per RFP- No Change
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Sr. No	RFP Document Clause/ Section No.	Clause Title	Page No.	Content of the RFP Requiring Clarification	Clarification Sought	Response / Revised Clause
156	2.2.1.26 2.2.4.7	2. Scope of Work (SoW) for the bidder	16, 17	In case of repairing or upgradation of existing links bidder will be responsible for removal of existing old/faulty cables or material without any additional cost to the purchaser	<p>We request you to amend this clause as existing link has not control of bidder.</p> <p>In case of repairing or upgradation of existing links bidder will be responsible for removal of existing old/faulty cables or material and for this work successful bidder will paid as per the established Supply and ITC rates through the same tender.</p>	<p>Upgradation - Case:01 Change in media, site will be treated as new Site integration for billing purpose(both active and passive materials) for new service integration ,Removable site materials must be kept under GFGNL's custody and material can be used FIFO for new site integration and considering the warranty period.During this event bidder can claim removed material labour charges only,with proper submission of valid documentations. Case:02 :For Upgradation on same media only labour charges will be paid for active material in the case of change in equipment,else no cost to GFGNL.For Repair case-if it is during warranty period it must not cost to GFGNL.</p>

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Sr. No	RFP Document Clause/ Section No.	Clause Title	Page No.	Content of the RFP Requiring Clarification	Clarification Sought	Response / Revised Clause
157	2.2.1.30	2. Scope of Work (SoW) for the bidder	16	HPIA has to include all elements including but not limited to like own OSS, BSS, etc.	Requesting you to remove this clause as bidder has to install and manage Network Infra only from GP to End customer location.	Clause Removed
158	2.2.2.3	2. Scope of Work (SoW) for the bidder	16	Selected bidder shall keep approx. total 10 mtr loop on each pole as per field feasibility.	GFGNL shall make payment of OFC as per OTDR reading. Please confirm.	As Per RFP- No Change
159	Table: Sr No.2	5. Eligibility Criteria	25	Documents Required Copy of the last Three years (i.e., 2019- 20,2020-21,2021-22) audited financial statements /Audited Balance Sheet along with Statutory auditor's Certified Statement for turnover & net worth.	Please allow that bidder can submit the same for any 3 audited financial years out of last previous 4 FY's upto 2023 (i.e., 2019- 20,2020-21,2021-22 & 2022-23). Kindly accept and confirm.	No Change- Allow it change this

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Sr. No	RFP Document Clause/ Section No.	Clause Title	Page No.	Content of the RFP Requiring Clarification	Clarification Sought	Response / Revised Clause
160	Table: Sr No.3	5. Eligibility Criteria	26	<p>Documents Required:</p> <p>(Work order / Purchase order / Contract) And Work Completion Certificate</p> <p>Note – 1: Bidder will have to produce necessary supporting documents other than mentioned above to clearly prove completion of work in last 3 years.</p> <p>Note – 2: Bidder can submit separate documents for Project and O&M experience.</p>	<p>Please note that as per eligibility criteria the OFC laying experiance has been asked for last 5 year. However, under supporting document requirement, it is mentioned as "Last 3 years":. This seems to be typographic error and shall be amended as "in last 5 years". Please accept and confirm.</p>	<p>(Work order / Purchase order / Contract) And Work Completion Certificate</p> <p>Note – 1: Bidder will have to produce necessary supporting documents other than mentioned above to clearly prove completion of work in last 5 years.</p> <p>Note – 2: Bidder can submit separate documents for Project and O&M experience.</p>
161	Table: Sr No.4	5. Eligibility Criteria	26	<p>Documents Required:</p> <p>(Work order / Purchase order / Contract) And Work Completion Certificate</p> <p>Note – 1: Bidder will have to produce necessary supporting documents other than mentioned above to clearly prove completion of work in last 3 years.</p> <p>Note – 2: Bidder can submit separate documents for Project and O&M experience.</p>	<p>Please note that as per eligibility criteria the wireless links experiance has been asked for last 5 year. However, under supporting document requirement, it is mentioned as "Last 3 years":. This seems to be typographic error and shall be amended as "in last 5 years". Please accept and confirm.</p>	<p>(Work order / Purchase order / Contract) And Work Completion Certificate</p> <p>Note – 1: Bidder will have to produce necessary supporting documents other than mentioned above to clearly prove completion of work in last 5 years.</p> <p>Note – 2: Bidder can submit separate documents for Project and O&M experience.</p>

Request for Proposal (RFP) for Selection of Project Implementation Agency (PIA) for Various Connectivity through BharatNet Network

Sr. No	RFP Document Clause/ Section No.	Clause Title	Page No.	Content of the RFP Requiring Clarification	Clarification Sought	Response / Revised Clause
162	Table: Sr No.4	5. Eligibility Criteria	26	The Lead bidder or Consortium member must have experience of Installation, Configuration, Testing, Commissioning & Maintenance of wireless links (licensed or unlicensed band radio) as per below in last 5 years as on bid submission date.	<p>We request to kindly consider the amended clause as follows:</p> <p>The Lead bidder or Consortium member or OEM must have experience of Installation, Configuration, Testing, Commissioning & Maintenance of wireless links (licensed or unlicensed band radio) as per below in last 5 years as on bid submission date.</p>	As Per RFP- No Change
163	Table: Sr No.5	5. Eligibility Criteria	26	<p>Documents Required:</p> <p>(Work order / Purchase order / Contract) And Work Completion Certificate</p> <p>Note – 1: Bidder will have to produce necessary supporting documents other than mentioned above to clearly prove completion of work in last 3 years.</p> <p>Note – 2: Bidder can submit separate documents for Project and O&M experience.</p>	<p>Please note that as per eligibility criteria the CPE experience has been asked for last 5 year. However, under supporting document requirement, it is mentioned as "Last 3 years"-. This seems to be typographic error and shall be amended as "in last 5 years". Please accept and confirm.</p>	<p>(Work order / Purchase order / Contract) And Work Completion Certificate</p> <p>Note – 1: Bidder will have to produce necessary supporting documents other than mentioned above to clearly prove completion of work in last 5 years.</p> <p>Note – 2: Bidder can submit separate documents for Project and O&M experience.</p>

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Sr. No	RFP Document Clause/ Section No.	Clause Title	Page No.	Content of the RFP Requiring Clarification	Clarification Sought	Response / Revised Clause
164	Table: Sr No.6 & &	5. Eligibility Criteria	27	Undertaking as per sr no 6 and 7 of table for Eligibility Criteria	We understand that bidder can submit these undertakings on letter head of their company. Kindly confirm otherwise define the requirement.	6. Copies of any two i.e., Property Tax /Electricity /Telephone Bill/ GST Registration/ Lease agreement OR undertaking on bidders company letter head to open Office in District(s), if selected within 45 days. 7. An undertaking by an authorized signatory of the company needs to be submitted in this regard on bidders company letter head
165	Eligibility Criteria	Note 3	28	Any lead bidder or member of consortium cannot participate as a bidding entity (lead or consortium member) in any other consortium in this RFP.	In case any Entity (sole bidder or any member of consortium) is participating in this tender and such Entity is also an OEM for a product then such entity can issue MAF to other bidders with the capacity of OEM. Please confirm.	As Per RFP- No Change

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Sr. No	RFP Document Clause/ Section No.	Clause Title	Page No.	Content of the RFP Requiring Clarification	Clarification Sought	Response / Revised Clause
166	6. Selection criteria & allotment of work	Selection criteria & allotment of work	29	6.2 There are separate financial bid tables provided for each zone on (n)Procure website. Bidder wanting to participate in multiple zones will have to submit financial bids for each zone separately in respective table. Evaluation will be done separately for each zone. The bidder with lowest bid (L1 – lowest sum total of “Grand Total – CO” in financial bid of any zone) will be selected for each zone. GFGNL reserves the rights to negotiate the rate of any line item(s) with selected bidder(s).	In case bidder is participating in more than 1 package then such bidder may submit single technical bids for all the package. However, financial bids shall be separate for each package. Please confirm.	Yes, Correct.
167	Selection criteria & allotment of work	7.14 Taxex	36	7.14.1 Taxes shall be paid extra on actual by SI, as applicable while making all types of payment to GFGNL. The taxes prevailing at the time of raising the invoice shall be paid.	We understand that SI shall raise invoice to GFGNL and deposit all applicable tax to relevant authorities. GFGNL shall make the payment to SI against invoices including such Taxes (prevailing at the time of raising the invoice). Please confirm.	Taxes shall be paid extra on actual by SI, as applicable while making all types of payment. The taxes prevailing at the time of raising the invoice with appropriate supporting documents shall be paid to HPIA.

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Sr. No	RFP Document Clause/ Section No.	Clause Title	Page No.	Content of the RFP Requiring Clarification	Clarification Sought	Response / Revised Clause										
168		8. Implementation timeline and penalties	45	<p>Milestone table - Sr. No. 3</p> <p>No. of approved locations in a lot</p> <p>a) <= 100 lot size, T+1 Month -- 100% locations</p> <p>b) > 100 & <= 1000 lot size, T1+1 Month -- 60% locations T1+2 Month -- Balance Locations</p> <p>c) > 1000 lot Size or part thereof T1+1 Month -- 50% locations T1+2 Month -- 30 % locations T1+3 Month – Balance Locations</p>	<p>'We request to kindly amend this</p> <table border="1" data-bbox="1213 414 1514 654"> <thead> <tr> <th>Milestone</th> <th>Milestone Description</th> <th>Timeline</th> <th>Penalty</th> <th>Maximum Penalty</th> </tr> </thead> <tbody> <tr> <td>3</td> <td>Establishing end to end connectivity of location with OSC and successful loading of internet & internet connectivity and signing of WCC form (Deliverable: FIP sheets for completion work for OSC) within connectivity link of report for all type of connectivity wireless (wireless, WCDMA)</td> <td>No. of approved locations in a lot along with necessary (NSI) any other authority permissions, if any. a) <= 100 lot size, T+1 Month -- 100% locations b) > 100 & <= 1000 lot size, T+1 Month -- 60% locations T+2 Month -- Balance Locations c) > 1000 lot Size or part thereof T+1 Month -- 50% locations T+2 Month -- 30 % locations T+3 Month -- Balance Locations</td> <td>Rs.100 per day per location</td> <td>Maximum penalty ceiling for any site / location shall be equal to 5% of the actual payable capex value certified for that site / location based on approved work</td> </tr> </tbody> </table>	Milestone	Milestone Description	Timeline	Penalty	Maximum Penalty	3	Establishing end to end connectivity of location with OSC and successful loading of internet & internet connectivity and signing of WCC form (Deliverable: FIP sheets for completion work for OSC) within connectivity link of report for all type of connectivity wireless (wireless, WCDMA)	No. of approved locations in a lot along with necessary (NSI) any other authority permissions, if any. a) <= 100 lot size, T+1 Month -- 100% locations b) > 100 & <= 1000 lot size, T+1 Month -- 60% locations T+2 Month -- Balance Locations c) > 1000 lot Size or part thereof T+1 Month -- 50% locations T+2 Month -- 30 % locations T+3 Month -- Balance Locations	Rs.100 per day per location	Maximum penalty ceiling for any site / location shall be equal to 5% of the actual payable capex value certified for that site / location based on approved work	As per RFP - No Change
Milestone	Milestone Description	Timeline	Penalty	Maximum Penalty												
3	Establishing end to end connectivity of location with OSC and successful loading of internet & internet connectivity and signing of WCC form (Deliverable: FIP sheets for completion work for OSC) within connectivity link of report for all type of connectivity wireless (wireless, WCDMA)	No. of approved locations in a lot along with necessary (NSI) any other authority permissions, if any. a) <= 100 lot size, T+1 Month -- 100% locations b) > 100 & <= 1000 lot size, T+1 Month -- 60% locations T+2 Month -- Balance Locations c) > 1000 lot Size or part thereof T+1 Month -- 50% locations T+2 Month -- 30 % locations T+3 Month -- Balance Locations	Rs.100 per day per location	Maximum penalty ceiling for any site / location shall be equal to 5% of the actual payable capex value certified for that site / location based on approved work												
169	Note	Note 4	46	<p>Delay penalty (if any) for all non-feasible & cancelled sites will be recovered from the bills of the other sites of the respected intimation order. GFGNL will keep recovering penalty amount from all the running bills as per calculation and process requirement.</p>	<p>In case of delay for non - feasible & cancelled sites due to reason non-attributable to successful bidder, then such clause is not applicable. Please confirm</p>	<p>Delay penalty for all suspended (Cancel/Service Suspension due to poor-O&M) will be recovered from the bills of the other sites of the respected intimation order.GFGNL will keep recovering penalty amount from all the running bills as per calculation and process requirements. For Not Feasible sites exclusion can be provided by GFGNL competent authority approval based on all valid documentation and field verification proof.</p>										

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Sr. No	RFP Document Clause/ Section No.	Clause Title	Page No.	Content of the RFP Requiring Clarification	Clarification Sought	Response / Revised Clause
170	Note	Note 5	46	No payment will be applicable for all non-feasible & cancelled sites.	If bidder started working on a parituclar site but same is cancelled due to reason non-attributable to bidder, then GFGNL shall make payment to bidder for actual work done on such sites. Please confirm.	Refer Comment in Sr Number : 169
171	9.4	9. O&M SLA & Penalties	48	Manpower	As all the line item rates are being established on a typical rate contract basis without any commitments on number of links / conectivity required, we request you to kindly add required manpower list as well in the BOQ. It will ensure that non-serious bidders will not be able to quote un-realistic prices and serios bidder will have level playing field. Please accept.	Refer Corrigendum- Manpower
172	Annexure – VII	Annexure – VII: Financial Bid Format	59	A - Services - Passive Infrastructure for underground OFC laying	Total Service quantity for OFC Laying (UG + Areal - 32,50,000 Meter) is not inline with OFC supply quantity (38,50,000 Meter) Reqeust you to kindly calrify/ amend the same.	As Per RFP- No Change

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Sr. No	RFP Document Clause/ Section No.	Clause Title	Page No.	Content of the RFP Requiring Clarification	Clarification Sought	Response / Revised Clause
173	Annexure – VII	Annexure – VII: Financial Bid Format	59	<p>B. - Services - Passive Infrastructure for aerial OFC laying 2 Installation of new pole No. 600</p> <p>F Material Supply - Passive Infrastructure 16 New pole for aerial cable installation No. 200</p>	<p>Total Quantity for New Pole installation (600 Nos.) is not inline with total quantity of new pole supply for OFC aerial cable laying (200 Nos.)</p> <p>Reqeust you to kindly calrify/ amend the same.</p>	Please refer corrigendum.
174	Annexure – VII	Annexure – VII: Financial Bid Format	59	<p>D Services - Passive Infrastructure 4. Installation of 6U wall mounted rack including supply of electrical cable for power connection, MCB and energizing the rack with electrical power No. 13,500</p> <p>F Material Supply - Passive Infrastructure 11 6U wall mounted rack including fan, power strip & cable manager No. 1,000 12 3U wall mounted rack including fan, power strip & cable manager No. 500 13 2U wall mounted rack including fan, power strip & cable manager No. 500</p>	<p>Total Quantity for Rack installation (13500 Nos.) is not inline with total quantity of new Rack supply (1000 Nos. - 6U+ 500 Nos. 3U + 500 Nos. 2U) . Further in BOQ - Service Catogery 2U and 4U Rack is not avaiable.</p> <p>Reqeust you to kindly calrify/ amend the same.</p>	Please refer corrigendum.

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Sr. No	RFP Document Clause/ Section No.	Clause Title	Page No.	Content of the RFP Requiring Clarification	Clarification Sought	Response / Revised Clause
175	Annexure – VII	Annexure – VII: Financial Bid Format	59	<p>D Services - Passive Infrastructure 5 Installation of DWC pipe at / inside customer premise Mtr 2,250</p> <p>F Material Supply - Passive Infrastructure 14 DWC pipe Mtr 750</p>	<p>Total Quantity asked in service/ installation (2250 Meter) is not inline with supply quantity (750 Meter)</p> <p>Reqeust you to kindly calrify/ amend the same.</p>	Please refer corrigendum.
176	Annexure – VII	Annexure – VII: Financial Bid Format	59	<p>D Services - Passive Infrastructure 6 Installation of PVC pipe at / inside customer premise Mtr 33,750</p>	<p>We request you to add Supply line item for PVC Pipe as per asked quantity in D- Service Passive Infrastructure line item no. 6</p> <p>Reqeust you to kindly calrify/ amend the same.</p>	Please refer corrigendum.
177	Annexure – VII	Annexure – VII: Financial Bid Format	59	<p>F Material Supply - Passive Infrastructure 17 Miscellaneous items required at customer location like MCB, electrical cable, earthing cable, compass, PVC pipe, patch cord (optical & Cat 6) etc. - Lot - 2,500</p>	<p>We request you to add Service line item for Miscellaneous item requirement asked in F. Material Supply - Passive Infrastructure line item number 17</p> <p>Reqeust you to kindly calrify/ amend the same.</p>	As Per RFP- No Change

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Sr. No	RFP Document Clause/ Section No.	Clause Title	Page No.	Content of the RFP Requiring Clarification	Clarification Sought	Response / Revised Clause
178	Annexure – VII	Annexure – VII: Financial Bid Format	59	G Material Supply - Active Infrastructure 13 Mini GPON OLT (4 Port GPON) No. 250 14 Mini GPON OLT (2 Port GPON) No. 250	We request you to add Service line item for OLT requirement asked in G Material Supply - Active Infrastructure line item number 13 & 14 Request you to kindly clarify/ amend the same.	Refer RFP Annexure-VII,E-8 & 9 page-63,Bidders are requested to please download the latest RFP from nPorcure.
179	Annexure – X:	Technical Specifications	70	2F / 4F / 6F / 8F / 12F / 24F/ 48F Optical Fibre Cable	Please note that TSEC can only be done if detailed specification of OFC is given in the tender. Therefore, we understand that TSEC for OFC is not applicable and OEM can quote the OFC(s) meeting the specifications as given in Annexure X of RFP. However, these specifications shall be verified at the time of bulk testing or at the time of A/T. Kindly confirm, otherwise provide the detailed specifications of OFC.	Please refer corrigendum.(TSEC applicable for applicable to OFC, duct, DWC & radio,GPON OLT & ONT)
180	Annexure – X: Technical Specifications	Annexure – X: Technical Specifications	75	ONT ONT(Optical Network Terminal) (Manageable)	Technical compliance of ONT has given however it is not available in Bills of Material and Price bid. Requesting you to add the same as per the required quantity.	Please refer corrigendum.

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Sr. No	RFP Document Clause/ Section No.	Clause Title	Page No.	Content of the RFP Requiring Clarification	Clarification Sought	Response / Revised Clause
181	10.2	Payment Schedule	49	All payments shall be released after certification of Delivery and Implementation Milestones by GFGNL official and/or Appointed TPA from GFGNL	Request you to kindly share the TPA's SLA/Timeline in case of TPA's approval is mandatory for commissioning. Further we also request that if commissioning gets delayed from TPA end post timely delivery of the link/connectivity by HPIA, atleast 60% payment shall be released to HPIA without any further delay by GFGNL for HPIA to maintain their cashflow.	As Per RFP- No Change
182	2.1.15	Scope of Work (SoW) for the bidder	11	The Bidder has to consider approximately 5% of sites of allocated zone in shifting scope in near future due to various reasons like customer dependency. Selected bidder has to shift the services to customer new sites within agreed timeline without additional cost to GFGNL.	As the total number of sites are not shared in the tender along with the fact that there is no commitment as well on nos. of sites and timeline for the same, we request you to kindly consider this scope as a change request criteria which can be billed on actual basis from the established line item rates through this tender.	Please refer corrigendum.
183	2.2.1.27	Scope of Work (SoW) for the bidder	16	Warning tape to be laid in trench as per industry standard	We believe that warning tape is not used in Main Project kindly remove the said clause. However, if GFGNL still requires the same to be used in H-Connectivity, request you to kindly quantify and add the same in BOQ. Please also confirm that if Warning tape is required then it is only applicable in open trenching scenario.	Please refer corrigendum.

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Sr. No	RFP Document Clause/ Section No.	Clause Title	Page No.	Content of the RFP Requiring Clarification	Clarification Sought	Response / Revised Clause
184	Annexure-X	Technical Specification	70	Standard: ITU-T G.657A1	As per our understanding , ITU-T G.652D fiber is used for Under Ground Application and ITU-T G.657A1 is used for Aerial Application. Purchaser has to clarify the Type of fiber used for Under Ground Application & Aerial Application.	Please refer corrigendum.
185	Annexure-X	Technical Specification	70	Application : Cable must be suitable for UG as well as aerial installation.	As per our understanding the higher fiber count is used for Under ground Application and Lower fiber is used for Aerial Application. Purhaser has to clarify the required Fiber Count for Under Ground Application & Aerial Application	As Per RFP- No Change
186	Annexure-X	Technical Specification	70	Technical Specifications Bidder must comply to the below mentioned minimum specifications for each element. Bidders are free to select suitable product with higher specifications to meet the technical & functional requirements of this RFP.	Detail specification are not mentioned in the technical specification. Purchaser has to confirm the referance technical specifications as per TEC GR or Any specific tender base Technical Specification as per TEC.	As Per RFP- No Change

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Sr. No	RFP Document Clause/ Section No.	Clause Title	Page No.	Content of the RFP Requiring Clarification	Clarification Sought	Response / Revised Clause
187	Annexure-X	Technical Specification	70	Application : Cable must be suitable for UG Application	As per Our Understanding Under Ground cable is laying inside the duct. Purchaser is requested to please confirm.	Correct
188	B	Notice Inviting Proposal and Necessary Instruction	3	EMD (bid Security / Security deposit) Rs. 5,00,000 /- (Rs. Five Lacs Only) per zone Demand Draft in favor of "Gujarat Fibre Grid Network Limited" drawn on any scheduled bank and payable at Ahmedabad/Gandhinagar OR EMD in the form of bank guarantee with validity of 180 days from the last date of bid submission in favor of "Gujarat Fibre Grid Network Limited" from • All Nationalized banks including the Public sector banks - IDBI Ltd. • Private sector banks - AXIS Bank, ICICI Bank and HDFC Bank	Please provide your Bank detail in following format, which is mandatorily required by any scheduled/nationalised bank before issuing any Bank Guarantee – Beneficiary Name: _____ Account No. _____ Name and address of Beneficiary Bank: _____ Branch Code: _____ IFSC Code: _____ Swift Code: _____ MICR Code: _____ PAN No.: _____ Phone/Fax No.: _____	Please refer corrigendum.

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Sr. No	RFP Document Clause/ Section No.	Clause Title	Page No.	Content of the RFP Requiring Clarification	Clarification Sought	Response / Revised Clause
189	B	Notice Inviting Proposal and Necessary Instruction	3	EMD (bid Security / Security deposit) Rs. 5,00,000 /- (Rs. Five Lacs Only) per zone Demand Draft in favor of "Gujarat Fibre Grid Network Limited" drawn on any scheduled bank and payable at Ahmedabad/Gandhinagar OR EMD in the form of bank guarantee with validity of 180 days from the last date of bid submission in favor of "Gujarat Fibre Grid Network Limited" from • All Nationalized banks including the Public sector banks - IDBI Ltd. • Private sector banks - AXIS Bank, ICICI Bank and HDFC Bank	We understand, bidder who are intent to participate/quote for more than one zone can club the amount and submit the EMD accordingly. For example, if a bidder wish to participate in zone 1 (Vadodara Zone) and zone 3 (Ahmedabad Zone), that bidder can either submit two EMD of 5 Lacs each or one EMD of 10 Lacs only. Please confirm if our understanding is correct.	Bidder has to submit EMD amout per Zone ,i.e. if a bidder wish to participate in zone 1 (Vadodara zone) and zone 3 (Ahmedabad zone), that bidder has to submit two EMD of 5 lacs each.
190	D	Proposal/Bid Submission & Evaluation	5	b(vi) The financial bid details should be quoted in the financial bid format attached with the tender and upload online only.	As per clause 6.2 at page 29 of RFP document there are separate financial bid tables provided for each zone on (n)Procure website. Bidder wanting to participate in multiple zones will have to submit financial bids for each zone separately in respective table. We understand that the financial bid format given in the RFP document is for sample purpose only and bidder need to submit financial bid tables provided on (n)Procure website only. Please confirm.	Yes,However both are same

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Sr. No	RFP Document Clause/ Section No.	Clause Title	Page No.	Content of the RFP Requiring Clarification	Clarification Sought	Response / Revised Clause
191	D	Proposal/Bid Submission & Evaluation	5	b(vii) Bidders are required to upload the scanned copy of Bank Guarantee and/or Demand draft for EMD and Tender Fee (as mentioned in this RFP) at online bidding portal. Further, original Bank Guarantee and/or Demand Draft for EMD and Tender Fee must be submitted in a sealed envelope mentioning "EMD and Tender fee" to GFGNL office before due Date and Time for Submission of Bids as mentioned in RFP.	<p>We understand the terms 'Tender submission cost', 'Tender Fee' and 'Bid Processing fee' used in the RFP document have same meaning and it would be Rs. 15,000 /- (Rs. Fifteen Thousand Only) irrespective of Zones being participated by the bidder.</p> <p>Please confirm.</p>	Tender submission cost is Total Rs 15,000/- in form of Demand Draft irrespective of Zones being participated by the bidder.
192	2	Scope of Work (SoW) for the bidder	12	2.1.19. Successful bidder(s) will have to supply all required optical & Cat 6 patch cords, SFP (if any), all required accessories with active / passive equipment to make the customer link live & all required licenses for all the ports & services of active equipment for entire contract period.	We understand that the the liability of successful bidder would be supply of item /accessories with active / passive equipment as per SOR of the RFP only. Additional item required to make the customer link live would be payable. Please confirm if our understanding is correct.	As Per RFP- No Change- Amount to be paid based on BOQ rate discovery. However other Miscellaneous items amount to be paid as per F-17 of Annexure VII(Financial Bid)

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Sr. No	RFP Document Clause/ Section No.	Clause Title	Page No.	Content of the RFP Requiring Clarification	Clarification Sought	Response / Revised Clause
193	5	Eligibility Criteria	27	<p>8.Criteria: The Lead Bidder should submit valid letter from each of the OEM (one and only one OEM for each component) - confirming the following: OEM shall ensure that all equipment / components / sub-components being supplied by them shall be supported for entire contract period.</p> <p>Documents Required: Authorization letters / MAF (as per Annexure) from OEM/Vendors whose products are being quoted by the Bidder (only applicable to OFC, duct, radio, rack, media converter, router, switch, UPS & voltage stabilizer)Copy of valid Technical Specification Evaluation Certificate (TSEC) / Type Approval Certificate / AT certificate or copy of Application for fresh TSEC/TAC/AT certificate as applicable from each OEM whose products are being quoted by the Bidder (only applicable to OFC, duct, DWC & radio).</p>	<p>We understand that - - MAF is mandatory from the OEM of OFC, duct, radio, rack, media converter, router, switch, UPS & voltage stabilizer</p> <p>- TSEC/TAC/AT/copy of Application for fresh TSEC/QF-103 is applicable from the OEM of OFC, duct, DWC & radio only.</p> <p>Please confirm.</p>	Please refer corrigendum.

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Sr. No	RFP Document Clause/ Section No.	Clause Title	Page No.	Content of the RFP Requiring Clarification	Clarification Sought	Response / Revised Clause
194	5	Eligibility Criteria	28	<p>8.Criteria: The Sole Bidder or the Lead Bidder must have positive net worth in last three (3) financial years.</p> <p>Documents Required: Certificate from statutory Auditor for positive net worth of last three Financial years (i.e., 2019-20,2020-21,2021-22)</p>	We request you to please allow bidder to submit positive networth certificate from Statutory Auditor / Chartered Accountant.	As Per RFP- No Change
195	Annexure – VII	Financial Bid Format	66	Quoted rates will be valid for 3 years from the date of issuance of Work Order which can be mutually extended further for 2 years at the same terms & condition.	3 years is a long duration to keep quoted rates valid. Request you to please review the condition once again and modify.	As per RFP - No Change
196	Annexure – X: Technical Specifications	Annexure – X: Technical Specifications	70 & 74	TEC GR approval from the item "HDPE Duct" (Page no. 70 of 84)	Request to remove TEC GR No. TEC/GR/TX/CDS-008/03/MAR-11 with latest amendments so that we as a local manufacturer can participate in the bid. It can be changed to "ISI Standard"	As per RFP - No Change

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Revised Clause:

Sr. No.	RFP Clause / Item Name	Original Clause	Revised Clause/ clarification																						
1	2.2.1.21	2.2.1.21 Route indicators for OFC cable are to be placed for every 100 mtrs	2.2.1.21 Route indicators for OFC cable are to be placed for every 200 mtrs																						
2	Section : 8	5. No payment will be applicable for all non-feasible & cancelled sites.	5. No payment will be applicable for all non-feasible & cancelled sites. GFGNL can give relaxations with competent authorities approval for those sites only if proper evidence / proof is submitted by the selected bidder																						
3	9.4	<table border="1"> <thead> <tr> <th>Number of Resources (per Zone)</th> <th>Location</th> <th>Academic Qualification</th> <th>Experience (In Years)</th> <th>Responsibilities</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>At Backoffice-Gandhinagar</td> <td>BE (Bachelor of Engineering)/B. Tech in Electronics and Communications or equivalent</td> <td>>=3 Years in suitable field</td> <td>For assigning trouble tickets to field resources, coordination with their field manpower for fault resolution, coordination with GFGNL NOC & other Project stakeholders etc.</td> </tr> </tbody> </table>	Number of Resources (per Zone)	Location	Academic Qualification	Experience (In Years)	Responsibilities	2	At Backoffice-Gandhinagar	BE (Bachelor of Engineering)/B. Tech in Electronics and Communications or equivalent	>=3 Years in suitable field	For assigning trouble tickets to field resources, coordination with their field manpower for fault resolution, coordination with GFGNL NOC & other Project stakeholders etc.	<table border="1"> <thead> <tr> <th>Number of Resources (per Zone)</th> <th>Location</th> <th>Academic Qualification</th> <th>Experience (In Years)</th> <th>Responsibilities</th> <th>Penalty</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>At Backoffice-Gandhinagar</td> <td>BE (Bachelor of Engineering)/B. Tech in Electronics and Communications or equivalent</td> <td>>=3 Years in suitable field</td> <td>For assigning trouble tickets to field resources, coordination with their field manpower for fault resolution, coordination with GFGNL NOC & other Project stakeholders etc.</td> <td>Manpower at Backoffice/NOC : Rs. 3000/- per day per person for un-sanctioned/ non-reporting.</td> </tr> </tbody> </table>	Number of Resources (per Zone)	Location	Academic Qualification	Experience (In Years)	Responsibilities	Penalty	2	At Backoffice-Gandhinagar	BE (Bachelor of Engineering)/B. Tech in Electronics and Communications or equivalent	>=3 Years in suitable field	For assigning trouble tickets to field resources, coordination with their field manpower for fault resolution, coordination with GFGNL NOC & other Project stakeholders etc.	Manpower at Backoffice/NOC : Rs. 3000/- per day per person for un-sanctioned/ non-reporting.
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Request for Proposal (RFP) for Selection of Project Implementation Agency (PIA) for Various Connectivity through BharatNet Network

4	-	New Clause	<p>1. In case of nonperformance in the O&M part for H-connectivity, GFGNL reserves the right to handover O&M to third party.</p> <p>2. Prior intimated leave of absence will be allowed: 24 days per designated post in a year.</p> <p>3. If a resource preceding on leave or becoming absent is replaced with a resource approved by authority, then such substitution will not be treated as absence.</p> <p>4. In exceptional cases, the tenderer may allow longer period of absence without penalty, provided prior approval is obtained.</p>					
			Resources (Per District)	Location	Academic Qualification	Experience (In Years)	Responsibilities	Penalty
			1 Per 200 connections	On field	ITI / Diploma	>=3 Years	Responsible for Day-to-Day operational Activities, PM activities, Field Operation and Installations etc.	Field Resource/Manpower Rs. 1000 per person per day of unsanctioned leave or non-reporting or non-deployment.

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5	2.2.1.23	<p>Carry out operation & maintenance of the last mile link including all the field activities required (preventive & corrective maintenance) to keep all the links up & running. It will be successful bidder(s)' responsibility to rectify / restore the link in case any cable/link is damaged due to road widening, construction of bridges, culvert more than 100m sections or change in RoW due to utility (like in case of drainage/water pipeline project etc) or aerial damage due to major EB pole shifting work / by any third party /due to any other field challenges within defined timeline.</p>	<p>Carry out operation & maintenance of the last mile link including all the field activities required (preventive & corrective maintenance) to keep all the links up & running. It will be successful bidder(s)' responsibility to rectify / restore the link in case any cable/link is damaged due to road widening, construction of bridges, culvert more than 100m sections or change in RoW due to utility (like in case of drainage/water pipeline project etc) or aerial damage due to major EB pole shifting work / by any third party /due to any other field challenges within defined timeline. However, the bidder can raise a reimbursement request in particular cases where the situation is beyond the control of bidder. The GFGNL competent authority will take further decision on reimbursement request based on valid proof submission. The decision made by GFGNL will be considered as final</p>
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Request for Proposal (RFP) for Selection of Project Implementation Agency (PIA) for Various Connectivity through BharatNet Network

6	Clause – B, Sr. No. – 9: Proposal due date (lastdate & time of Tender submission)	Tender should be submitted before 15.07.2023 at 02:00 pm . Bidder shall upload their bids on https://www.gfgnl.nprocure.com	Tender should be submitted before 24.07.2023 at 02:00 pm . Bidder shall upload their bids on https://www.gfgnl.nprocure.com
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Request for Proposal (RFP) for Selection of Project Implementation Agency (PIA) for Various Connectivity through BharatNet Network

7	Clause – B, Sr. No. – 10: Date & Time of opening of Tender	Technical Qualification documents will be opened on 15.07.2023 at 03:00 pm in the presence of bidders' representatives. Qualified bidders would be subsequently informed later about the date, time, and venue for price bid opening.	Technical Qualification documents will be opened on 24.07.2023 at 03:00 pm in the presence of bidders' representatives. Qualified bidders would be subsequently informed later about the date, time and venue for price bid opening.
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Request for Proposal (RFP) for Selection of Project Implementation Agency (PIA) for Various Connectivity through BharatNet Network

Notice Inviting Proposal and Necessary Instruction

1.	Scope of Work	Establishing various connectivity from Gram Panchayats (GPs) connected in BharatNet Network and O&M of connectivity for entire contract period.
2.	Tender submission Cost	Rs. 15,000 /- (Rs. Fifteen Thousand Only) In the form of Demand Draft in favor of “Gujarat Fibre Grid Network Limited” drawn on any scheduled bank and payable at Ahmedabad/Gandhinagar. (Tender submission cost is Total Rs 15,000/- in form of Demand Draft irrespective of Zones being participated by the bidder).
3.	EMD (bid Security / Security deposit)	Rs. 5,00,000 /- (Rs. Five Lacs Only) per zone Demand Draft in favor of “Gujarat Fibre Grid Network Limited” drawn on any scheduled bank and payable at Ahmedabad/Gandhinagar OR EMD in the form of bank guarantee with validity of 180 days from the last date of bid submission in favor of “Gujarat Fibre Grid Network Limited “from <ul style="list-style-type: none">• All Nationalized banks including the Public sector banks - IDBI Ltd.• Private sector banks - AXIS Bank, ICICI Bank and HDFC Bank
4.	Office issuing RFP	Chief Finance Officer (CFO), Gujarat Fibre Grid Network Limited (GFGNL), Block No: 6, 5th Floor, Udyog Bhavan, Sector-11, Gandhinagar: 382010.

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5.	Contract Period	3 years from the date of issue of WO which can be extended further for next 2 years based on mutual understanding on same rate.
6.	Bid validity days	180 days from the last date of submission of bids
7.	Issue of Tender	The tender can be downloaded from below websites. https://www.gfgnl.nprocure.com , https://www.dst.gujarat.gov.in , https://gil.gujarat.gov.in/ , https://bharatnet.gujarat.gov.in
8.	Pre-Bid	Pre-bid will be held on 05.06.2023 at 03:00 pm at Gujarat Fibre Grid Network Limited (GFGNL), Block No: 6, 5th Floor, Udyog Bhavan, Sector-11, Gandhinagar: 382010
9.	Proposal due date (last date & time of Tender submission)	Tender should be submitted before 15.07.2023 24.07.23 at 02:00 pm. Bidder shall upload their bids on https://www.gfgnl.nprocure.com
10.	Date & Time of opening of Tender	Technical Qualification documents will be opened on 15.07.2023 24.07.23 at 03:00 pm in the presence of bidders' representatives. Qualified bidders would be subsequently informed later about the date, time, and venue for price bid opening.
11.	Contact persons (For any Clarifications)	GM, Commercial Gujarat Fibre Grid Network Limited (GFGNL), Block No: 6, 5th Floor, Udyog Bhavan, Sector-11, Gandhinagar: 382010

Eligibility Criteria

1. Bidders qualifying against below mentioned criteria will be eligible to participate in this RFP.
2. As Bidder is allowed to make a consortium, "Lead Bidder" in below table & note under the table will be read as Sole

Request for Proposal (RFP) for Selection of Project Implementation Agency (PIA) for Various Connectivity through BharatNet Network

Bidder in case of no consortium & Lead Bidder in case of consortium.

Sr. No.	Criteria	Documents Required															
1.	The Lead Bidder and Consortium member must be registered in India under Companies Act 1956 or 2013 at least for 3 years as on 31/03/2023.	Certificate of Incorporation															
2.	<p>The Lead Bidder's Average Annual Turnover & Net worth must be as per below during last 3 years. (Purely from Telecom service business)</p> <table border="1" data-bbox="388 581 1035 987"> <thead> <tr> <th data-bbox="388 581 598 727">Bidder's participating in</th> <th data-bbox="598 581 825 727">Average Annual Turnover (Rs.)</th> <th data-bbox="825 581 1035 727">Net worth (Rs.)</th> </tr> </thead> <tbody> <tr> <td data-bbox="388 727 598 768">1 zone</td> <td data-bbox="598 727 825 768">>= Rs. 10 7 Cr</td> <td data-bbox="825 727 1035 768">>=Rs. 1.5 Cr</td> </tr> <tr> <td data-bbox="388 768 598 841">2 zones</td> <td data-bbox="598 768 825 841">>= Rs. 20 14 Cr</td> <td data-bbox="825 768 1035 841">>=Rs. 2 Cr</td> </tr> <tr> <td data-bbox="388 841 598 914">3 zones</td> <td data-bbox="598 841 825 914">>= Rs. 30 21 Cr</td> <td data-bbox="825 841 1035 914">>=Rs. 3Cr</td> </tr> <tr> <td data-bbox="388 914 598 987">4 zones</td> <td data-bbox="598 914 825 987">>= Rs. 40 28 Cr</td> <td data-bbox="825 914 1035 987">>=Rs. 4 Cr</td> </tr> </tbody> </table>	Bidder's participating in	Average Annual Turnover (Rs.)	Net worth (Rs.)	1 zone	>= Rs. 10 7 Cr	>=Rs. 1.5 Cr	2 zones	>= Rs. 20 14 Cr	>=Rs. 2 Cr	3 zones	>= Rs. 30 21 Cr	>=Rs. 3Cr	4 zones	>= Rs. 40 28 Cr	>=Rs. 4 Cr	<p>For any 3 audited financial years out of last previous 4 FY's upto 2023 (i.e., 2019-20,2020-21,2021-22 & 2022-23)audited financial statements /Audited Balance Sheet along with Statutory auditor's Certified Statement for turnover & net worth.</p>
Bidder's participating in	Average Annual Turnover (Rs.)	Net worth (Rs.)															
1 zone	>= Rs. 10 7 Cr	>=Rs. 1.5 Cr															
2 zones	>= Rs. 20 14 Cr	>=Rs. 2 Cr															
3 zones	>= Rs. 30 21 Cr	>=Rs. 3Cr															
4 zones	>= Rs. 40 28 Cr	>=Rs. 4 Cr															

Request for Proposal (RFP) for Selection of Project Implementation Agency (PIA) for Various Connectivity through BharatNet Network

Sr. No.	Criteria	Documents Required										
3.	<p>The Lead bidder or Consortium member must have experience of Laying, Installation, Testing, Commissioning & Maintenance of Optical Fibre Cable (Underground or Aerial), Duct and accessories as per below in last 5 years as on bid submission date.</p> <table border="1" data-bbox="390 480 1010 704"> <thead> <tr> <th data-bbox="390 480 737 553">Bidder's participating in</th> <th data-bbox="737 480 1010 553">Experience (Km)</th> </tr> </thead> <tbody> <tr> <td data-bbox="390 553 737 591">1 zone</td> <td data-bbox="737 553 1010 591">>= 1000 Kms</td> </tr> <tr> <td data-bbox="390 591 737 628">2 zones</td> <td data-bbox="737 591 1010 628">>= 2000 Kms</td> </tr> <tr> <td data-bbox="390 628 737 665">3 zones</td> <td data-bbox="737 628 1010 665">>= 3000 Kms</td> </tr> <tr> <td data-bbox="390 665 737 704">4 zones</td> <td data-bbox="737 665 1010 704">>= 4000 Kms</td> </tr> </tbody> </table>	Bidder's participating in	Experience (Km)	1 zone	>= 1000 Kms	2 zones	>= 2000 Kms	3 zones	>= 3000 Kms	4 zones	>= 4000 Kms	<p>(Work order / Purchase order / Contract) And Work Completion Certificate Note – 1: Bidder will have to produce necessary supporting documents other than mentioned above to clearly prove completion of work in last 5 years. Note – 2: Bidder can submit separate documents for Project and O&M experience.</p>
Bidder's participating in	Experience (Km)											
1 zone	>= 1000 Kms											
2 zones	>= 2000 Kms											
3 zones	>= 3000 Kms											
4 zones	>= 4000 Kms											
4.	<p>The Lead bidder or Consortium member must have experience of Installation, Configuration, Testing, Commissioning & Maintenance of wireless links (licensed or unlicensed band radio) as per below in last 5 years as on bid submission date.</p> <table border="1" data-bbox="390 951 1010 1175"> <thead> <tr> <th data-bbox="390 951 688 1024">Bidder's participating in</th> <th data-bbox="688 951 1010 1024">Experience</th> </tr> </thead> <tbody> <tr> <td data-bbox="390 1024 688 1062">1 zone</td> <td data-bbox="688 1024 1010 1062">>= 200 40 links</td> </tr> <tr> <td data-bbox="390 1062 688 1099">2 zones</td> <td data-bbox="688 1062 1010 1099">>= 250 100 links</td> </tr> <tr> <td data-bbox="390 1099 688 1136">3 zones</td> <td data-bbox="688 1099 1010 1136">>= 300 150 links</td> </tr> <tr> <td data-bbox="390 1136 688 1175">4 zones</td> <td data-bbox="688 1136 1010 1175">>= 350 200 links</td> </tr> </tbody> </table>	Bidder's participating in	Experience	1 zone	>= 200 40 links	2 zones	>= 250 100 links	3 zones	>= 300 150 links	4 zones	>= 350 200 links	<p>(Work order / Purchase order / Contract) And Work Completion Certificate Note – 1: Bidder will have to produce necessary supporting documents other than mentioned above to clearly prove completion of work in last 5 years. Note – 2: Bidder can submit separate documents for Project and O&M experience.</p>
Bidder's participating in	Experience											
1 zone	>= 200 40 links											
2 zones	>= 250 100 links											
3 zones	>= 300 150 links											
4 zones	>= 350 200 links											

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Sr. No.	Criteria	Documents Required										
5.	<p>The Lead bidder or Consortium member must have experience of Installation, Configuration, Testing, Commissioning & Maintenance of customer premise equipment (CPE) as per below in last 5 years as on bid submission date.</p> <table border="1" data-bbox="390 464 1010 688"> <thead> <tr> <th data-bbox="390 464 737 537">Bidder's participating in</th> <th data-bbox="737 464 1010 537">Experience</th> </tr> </thead> <tbody> <tr> <td data-bbox="390 537 737 574">1 zone</td> <td data-bbox="737 537 1010 574">>= 600 CPEs</td> </tr> <tr> <td data-bbox="390 574 737 612">2 zones</td> <td data-bbox="737 574 1010 612">>= 1200 CPEs</td> </tr> <tr> <td data-bbox="390 612 737 649">3 zones</td> <td data-bbox="737 612 1010 649">>= 1800 CPEs</td> </tr> <tr> <td data-bbox="390 649 737 688">4 zones</td> <td data-bbox="737 649 1010 688">>= 2400 CPEs</td> </tr> </tbody> </table>	Bidder's participating in	Experience	1 zone	>= 600 CPEs	2 zones	>= 1200 CPEs	3 zones	>= 1800 CPEs	4 zones	>= 2400 CPEs	<p>(Work order / Purchase order / Contract) And Work Completion Certificate Note – 1: Bidder will have to produce necessary supporting documents other than mentioned above to clearly prove completion of work in last 5 years. Note – 2: Bidder can submit separate documents for Project and O&M experience.</p>
Bidder's participating in	Experience											
1 zone	>= 600 CPEs											
2 zones	>= 1200 CPEs											
3 zones	>= 1800 CPEs											
4 zones	>= 2400 CPEs											
6.	<p>The Lead bidder or Consortium member must have minimum 1 (One) operational office in each district of the zone(s) for which bidder wants to participate in this RFP. In case bidder does not have office in District(s), bidder should give an undertaking to open an office in District(s) within 45 days from the date of award of work order.</p>	<p>Copies of any two i.e., Property Tax /Electricity /Telephone Bill/ GST Registration/ Lease agreement OR undertaking on bidders company letter head to open Office in District(s), if selected within 45 days.</p>										
7.	<p>The Lead bidder and Consortium member must not have been blacklisted / banned / barred / declared ineligible / declared having dissatisfactory performance by any government / quasi-government authority in India for supply of materials/ carrying out Operations and maintenance work of similar nature.</p>	<p>An undertaking by an authorized signatory of the company needs to be submitted in this regard on bidders company letter head</p>										
8.	<p>The Lead Bidder should submit valid letter from each of the OEM (one and only one OEM for each component) - confirming the following: OEM shall ensure that all equipment / components / sub- components being supplied by them shall be supported for entire contract</p>	<p>Authorization letters / MAF (as per Annexure) from OEM/Vendors whose products are being quoted by the Bidder (only applicable to OFC, duct, radio, rack, media converter, router, switch, UPS & voltage stabilizer)Copy of valid</p>										

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Sr. No.	Criteria	Documents Required
	<p>period. If the same is de-supported by the OEM for any reason whatsoever, the bidder shall replace it with an equivalent or better substitute that is acceptable to Tenderer without any additional cost to the Tenderer and without impacting the performance of the solution in any manner whatsoever.</p>	<p>Technical Specification Evaluation Certificate (TSEC) / Type Approval Certificate / AT certificate or copy of Application for fresh TSEC/TAC/AT certificate as applicable from each OEM whose products are being quoted by the Bidder (only applicable to OFC, duct, DWC & radio, GPON OLT & ONT).</p> <p>Note: Bidder should have valid Type Approval Certificate (TAC) from Telecom Engineering Centre (TEC) / WPC, New Delhi or Technical Specification Evaluation Certificate (TSEC) from Quality Assurance Circle, BSNL, Bengaluru, against the respective technical specifications of this RFP. In case any of the quoted models does not have TAC/ TSEC then it should be applied for TSEC to Quality Assurance Circle, BSNL, Bengaluru or to TEC/WPC, New Delhi for the model against the technical specifications, at least one day before the bid submission date. The registration number allotted for the TSEC purpose by Quality Assurance Circle, BSNL, Bengaluru or for TAC purpose by TEC/WPC, New Delhi shall be submitted along with the bid. However, only type approved/TSEC approved products as per above specifications shall be accepted which shall have to be obtained before supply.</p>
9.	<p>The Lead bidder must have minimum 50 technical team working for bidder directly on their role.</p>	<p>Self-certification by the bidder's HR head on bidder's letter head</p>

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Sr. No.	Criteria	Documents Required
10.	Bidder and OEMs of proposed solution from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with Competent Authority as per OM No. 6/18/2019-PPD dated 23 rd July 2020 issued by Department of Expenditure, GoI	Self-certification from bidder and OEMs on Non-Judicial stamp of Rs. 300/- in the prescribed format (Annexure – IX), separately.
11.	The Sole Bidder or the Lead Bidder must have positive net worth in last three (3) financial years.	Certificate from statutory Auditor for positive net worth for any 3 audited financial years out of last previous 4 FY's upto 2023 (i.e., 2019-20,2020-21,2021-22 & 2022-23)

3. Annexure – X : Additional Technical Specifications

Optical Wireless Communication (OWC) / FSO

Sr. No.	Parameters	Minimum Specifications
1	Operating Optical Wavelength	1550 / 730-780 nm
2	Distance support	Up to 10 Km
3	Throughput support	Should support Minimum 1 Gbps per link
4	Ports	1 X 10/100/1000-BASE-T Ethernet or Fiber interfaces with SC multi or single mode options
5	Electrical requirement	AC 100 – 240 V, 50 – 60 Hz or DC 48 ± 12 V
6	Management	System must provide alarm and control capabilities via Simple Network Management Protocol (SNMP) / MIB File / IP-Firmware, IP monitoring, Spatial stabilization system (autotracking), Full duplex
7	Environment requirements	Operating Temperature support : -20 degrees C to +60 degrees C (in installed condition)

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Sr. No.	Parameters	Minimum Specifications
8		Working Humidity support : between 10% - 95%, non-condensing at all operating temperatures
9		It should be IP65 and wind survivability for minimum 150 Kmph
10		System should be suitable to withstand continuous exposure to rain and sunlight.
11	Safety Classification	Laser safety IEC 60825, Class 1M

Route & Joint indicator

Sr. No.	Parameters	Minimum Specifications
1.	Material of construction	Pre-cast RCC with cement concrete mix of 1:2:4 (1: cement, 2: coarse sand, 4: stone aggregate 20 mm nominal size)
2.	Size	Base - 250 mm x 150 mm, Top - 200 mm x 75 mm, Height - 1250 mm
3.	Reinforcement	6 mm dia horizontal iron bars – minimum 10 nos. 6 mm dia vertical iron bars – minimum 4 nos.
4.	Color	Grey for joint indicator & blue for route indicator
5.	Marking on route marker	“GFGNL OFC” should be engraved on it.
6.	Depth of route indicator	depth of 75cm fixing of route Indicator/joint indicator

Placing of Half Round RCC Pipes / Layer of Bricks

After laying of UG cables, it is covered by a consolidated layer of 8 c.ms. of soft earth (or sand in special cases where excavated material contains sharp stones/objects) which should be free from stones or other sharp objects, carefully pressed and lightly tamped. On this layer of soft earth, a layer of half round RCC pipes -made from high grade concrete with unit pipe length of 1 meter and 100/150 mm dia / Bricks is placed as a warning layer and also as a

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mechanical protection. The choice for protection layer out of half round RCC Pipes or bricks may be decided based on availability and comparative cost

CPE (customer premise equipment) L3 router – Option 1

Sr. No.	Parameters	Minimum Specifications
1.	Aggregate Throughput	100 Mbps
2.	No. of WAN port (1GE RJ45 port)	2 nos.
3.	LAN Port (10/100/1000 BaseT ports)	2 nos.
4.	Flash Memory	Minimum 64mb
5.	Routing protocol	Static IPv4 routing, static IPv6 routing
6.	Management	SNMP V3, Remote management, should have facility to set password for local & remote login
7.	Encapsulation	802.1q VLAN, PPPoE
8.	Feature support	IPv6 support, Quality of Service (QoS), IPSEC, DHCP, IGMP V3, NAT and Firewall Services
9.	Operation Temperature	0 to 50 °C
10.	Power input	230 V AC, 50-60 Hz
11.	Safety standard	UL / IEC

CPE (customer premise equipment) L3 router – Option 2

Sr. No.	Parameters	Minimum Specifications
1.	No. of WAN port (1GE RJ45 port)	1 no.
2.	LAN Port (10/100 BaseT ports)	2 nos.
3.	Flash Memory	Minimum 16MB
4.	Routing protocol	Static IPv4 routing, static IPv6 routing

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5.	Management	SNMP V3, Remote management, should have facility to set password for local & remote login
6.	Encapsulation	802.1q VLAN, PPPoE
7.	Wi-Fi support	802.11/ac/n/b/g
8.	Wireless security	WPA/WPA2, WPA-PSK Encryption
9.	Feature support	IPv6 support, Quality of Service (QoS), IPSEC, DHCP, IGMP V3, NAT and Firewall Services
10.	Operation Temperature	0 to 50 °C
11.	Power input	230 V AC, 50-60 Hz

P2P & P2MP unlicensed radio

Sr. No.	Parameters	Minimum Specifications
1.	Operating frequency band	2.4 GHz / 5.X GHz

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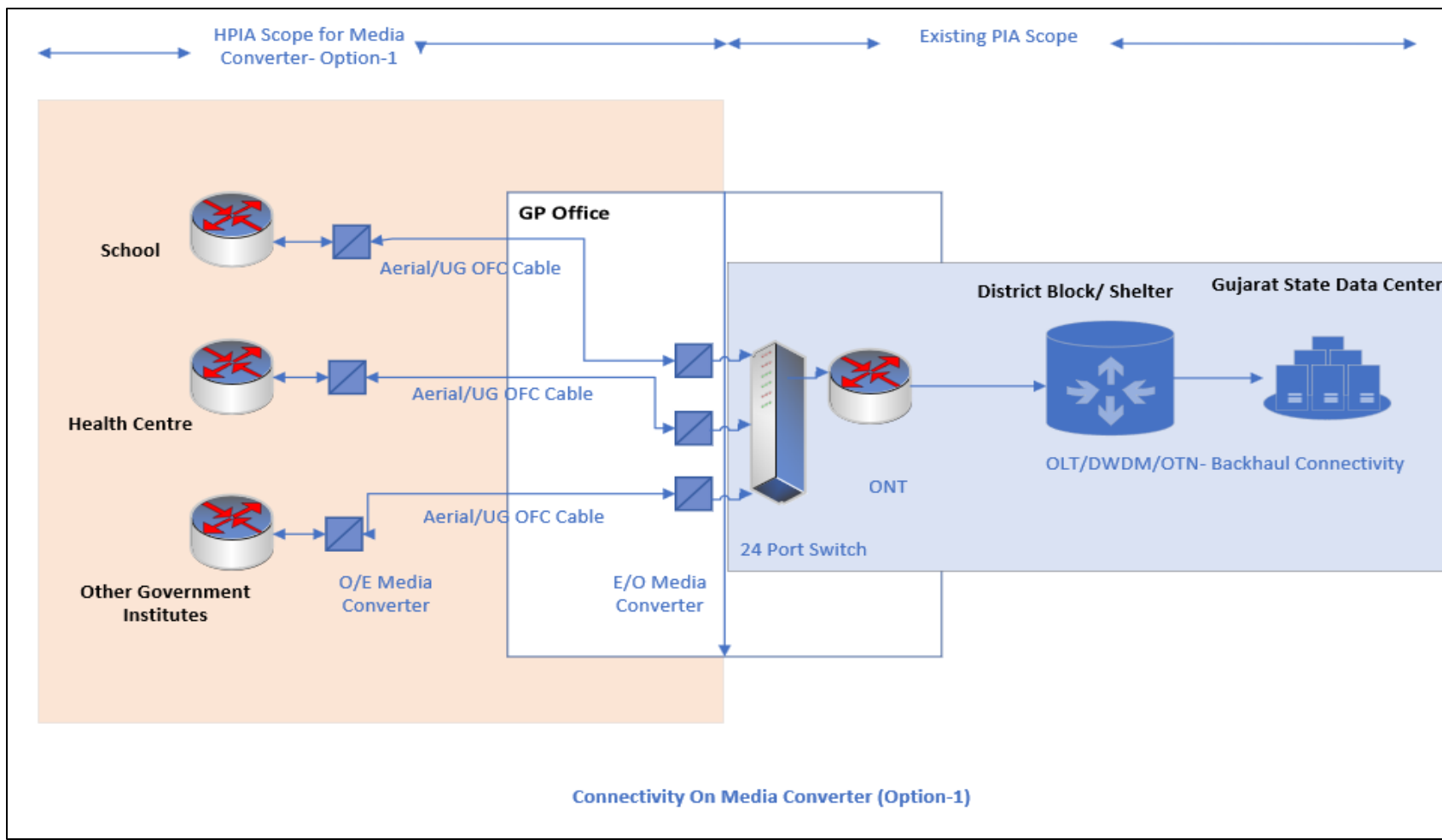
2.	Distance support	P2P-Up to 10 Km P2MP-Up to 5 Km
3.	Throughput support	Minimum 100 Mbps per link Base station Throughput support for P2MP link: Minimum 1 Gbps
4.	Ports	1 x 10/100/1000BaseT Ethernet (Auto negotiation) & 1 x 10/100 Base-Tx (RJ-45) (Auto negotiation)
5.	VLAN support	802.1Q,
6.	Security	System should support WPA/WPA2, WPA-PSK Encryption (Security: System should support AES minimum 128 Encryption.) For secured wireless communications SSH, HTTPS protocols Radios should support IPv4 & IPv6
7.	Electrical requirement	Power over Ethernet (PoE) injector
8.	Compliance	The Equipment should be type approved by WPC.
9.	Management	System should be remotely manageable
10.		System should have GUI interfaces
11.		System must provide alarm and control capabilities via Simple Network Management Protocol (should support SNMPv3).
12.		Software upgrade to system should be done through the network.
13.	Environment requirements	Operating Temperature support: -10 degrees C to +60 degrees C (in installed condition)
14.		Working Humidity support: between 10% - 95%, non-condensing at all operating temperatures
15.		It should be IP65 and wind survivability for minimum 150 Kmph

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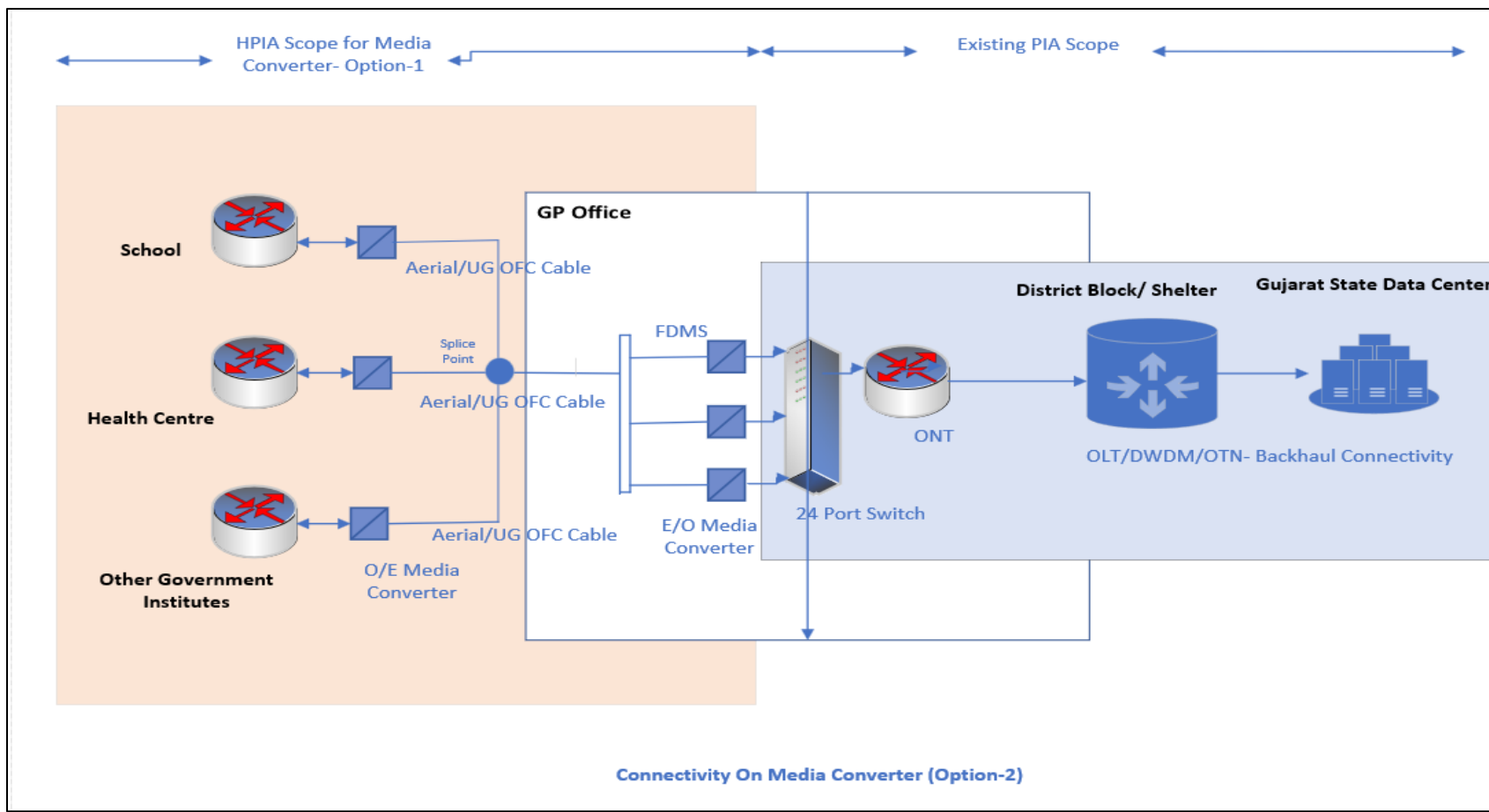
16.		System should be suitable to withstand continuous exposure to rain and sunlight.
17.	Protection	Radio system should have built in surge protection mechanism.

Indicative Network Connectivity Diagram:

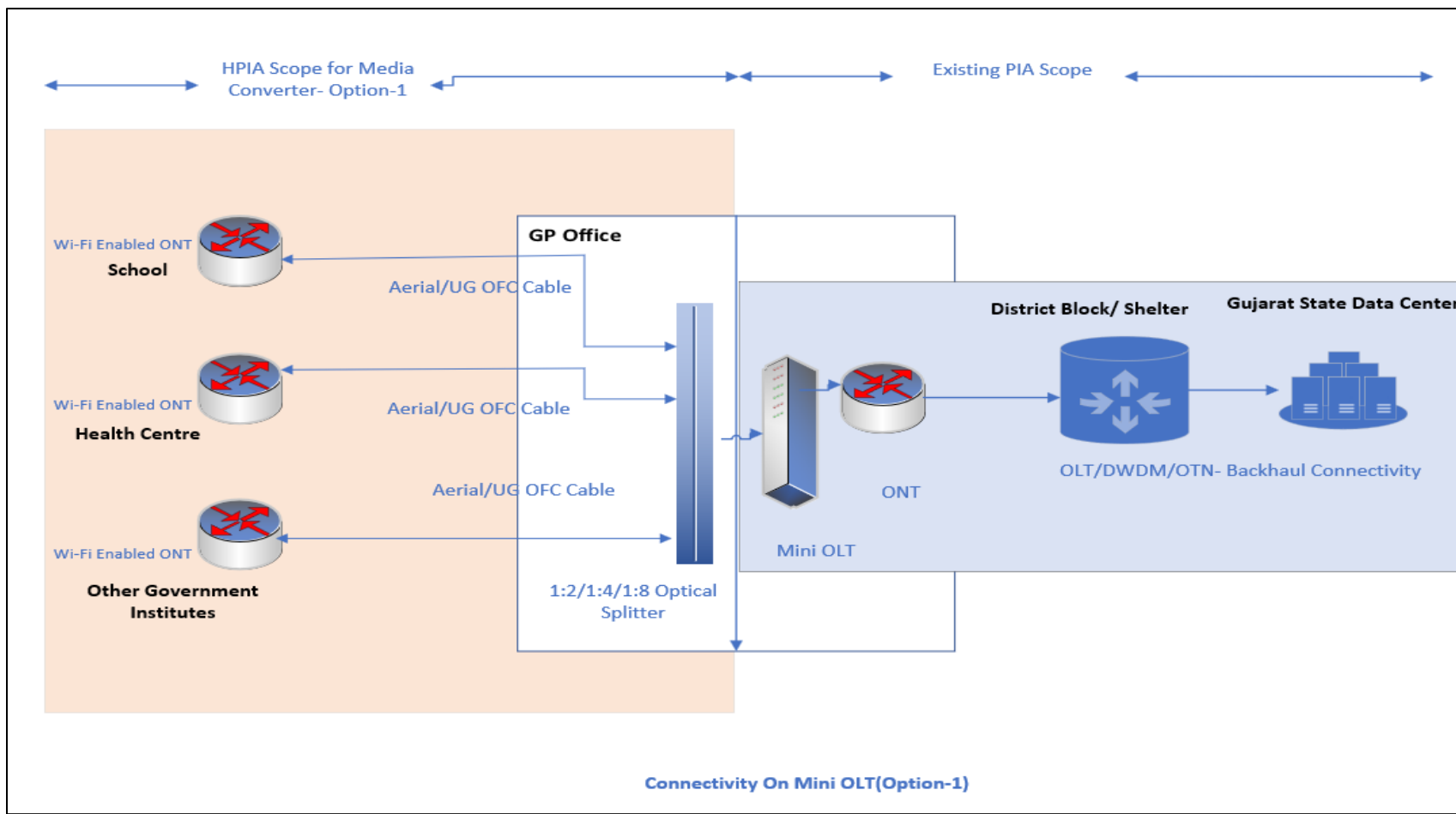
Request for Proposal (RFP) for Selection of Project Implementation Agency (PIA) for Various Connectivity through BharatNet Network



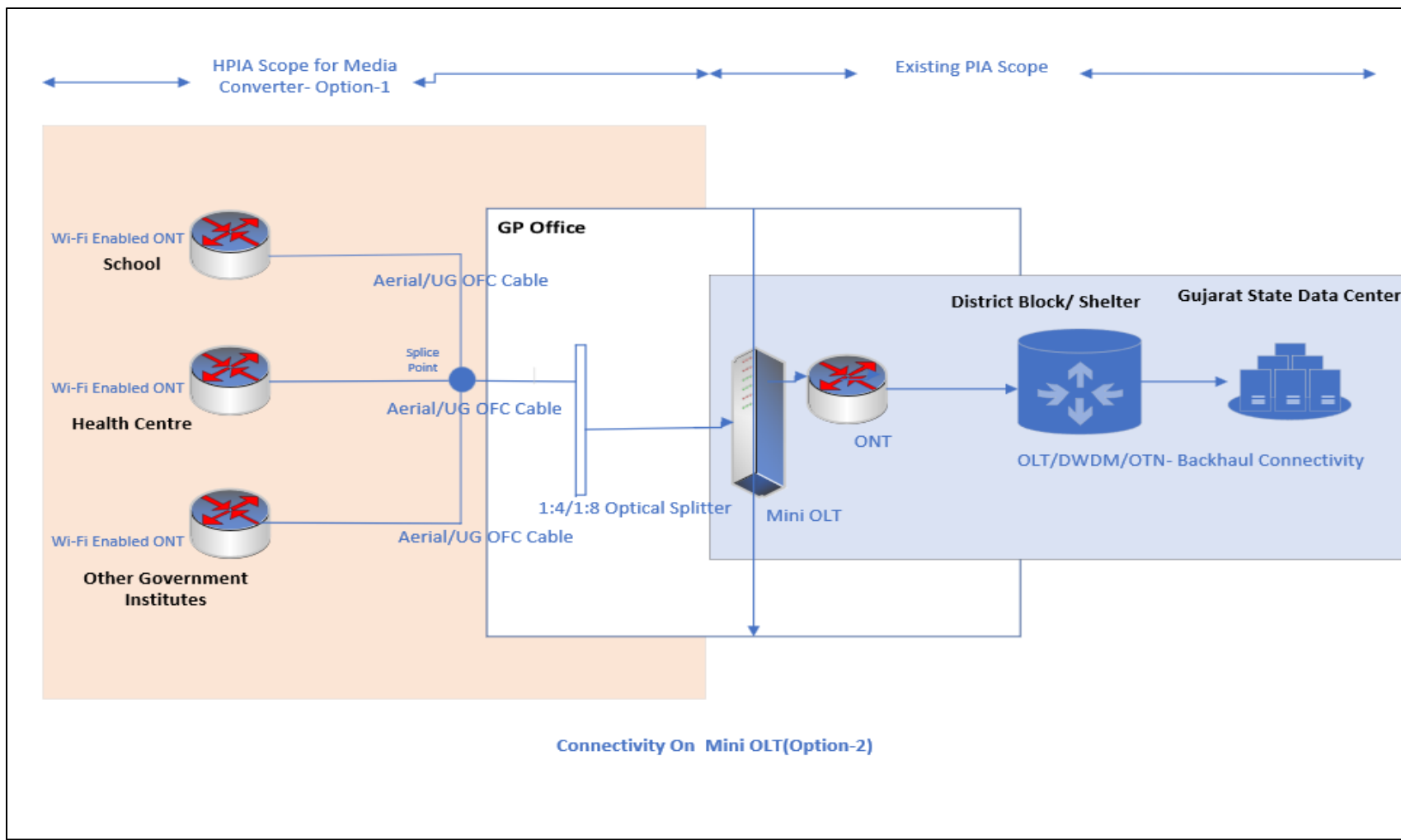
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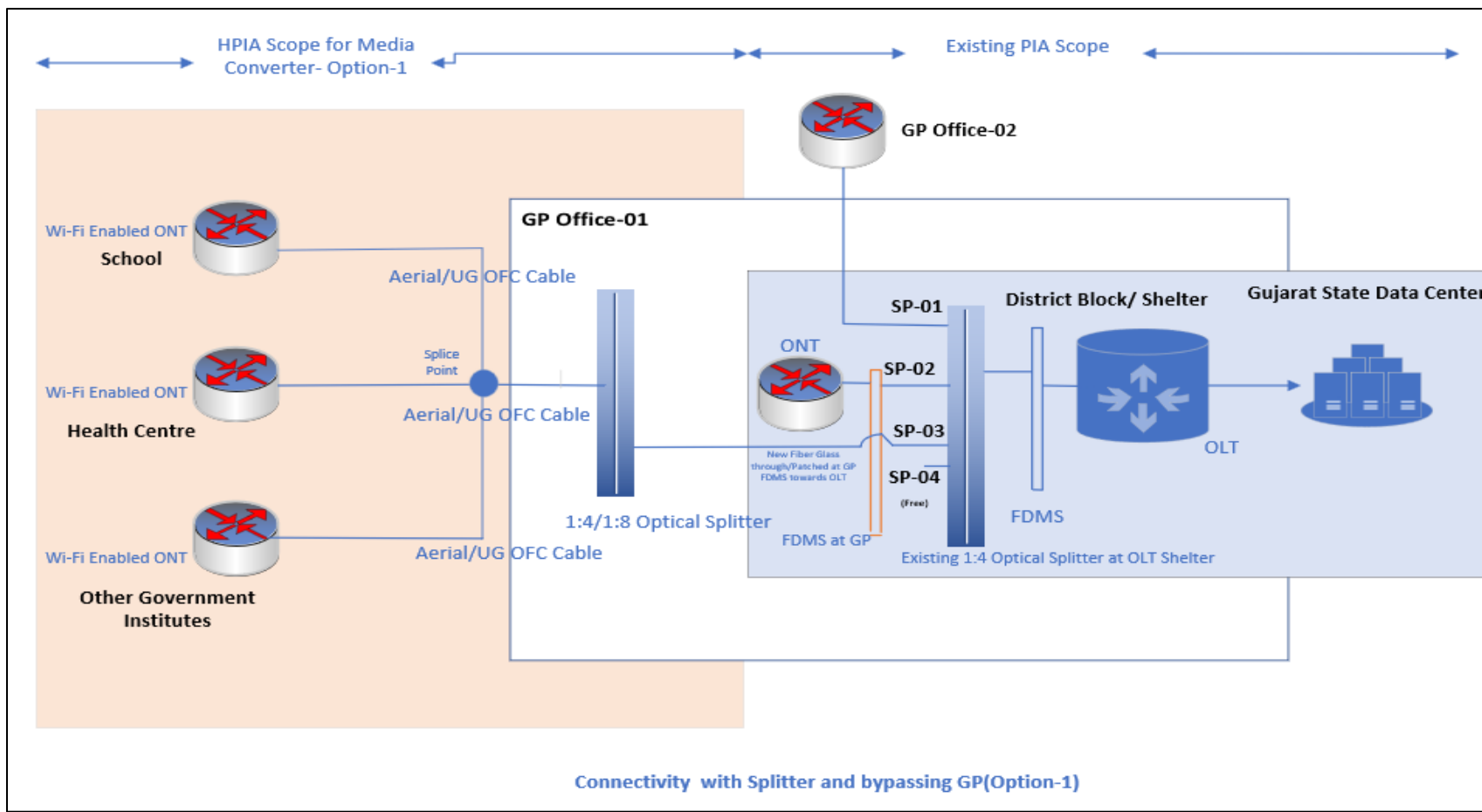
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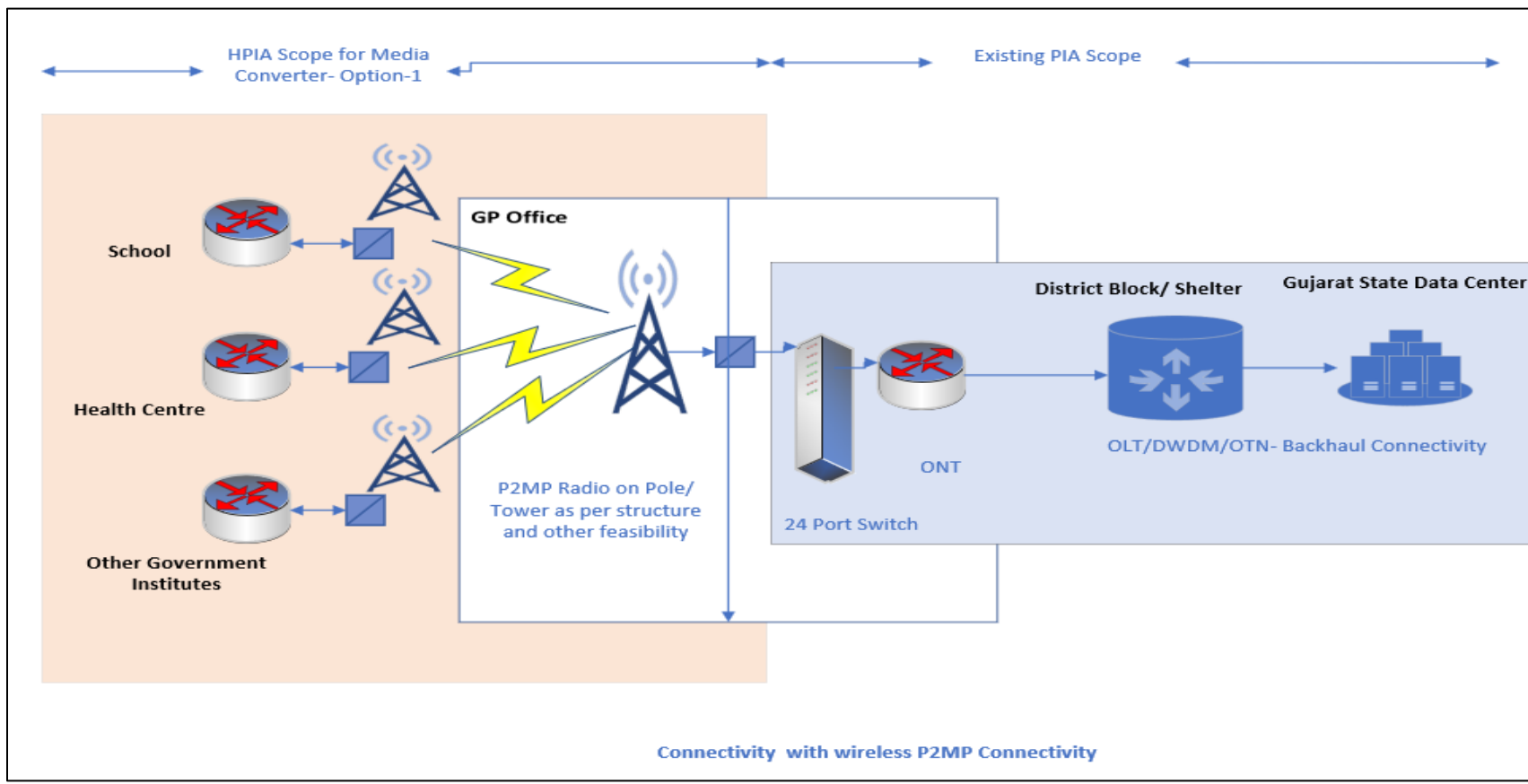
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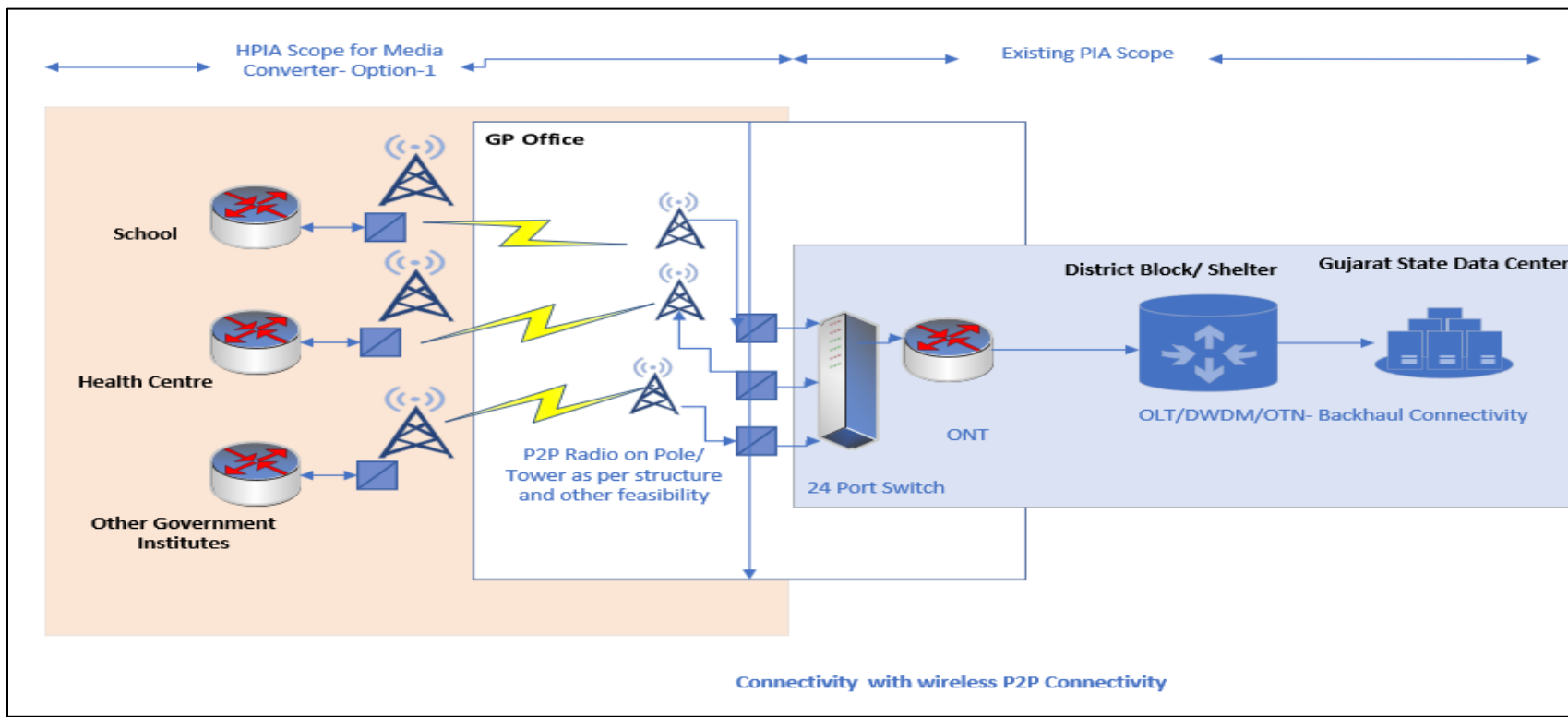
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2F / 4F / 6F / 8F / 12F / 24F / 48F Optical Fibre Cable

Sr. No.	Parameters	Minimum Specifications
1.	Fibre count	2F / 4F / 6F / 8F / 12F / 24F / 48F
2.	Standard	ITU-T-G.657.A1
3.	Cable construction	Loose tube with jelly compound
4.		Water swellable tape / yarn
5.	Jacket Material	HDPE
6.	Strength member	FRP
7.	Application	Cable must be suitable for outdoor as well as indoor applications.
8.		Cable must be suitable for machine blowing as well as manual pulling in duct in case of UG application.
9.		Cable must be suitable for UG as well as aerial installation.
10.		2F/4F/6F/8F/12F loose tube ADSS unarmod cable to be used for aerial connectivity, 24F / 48F armod cable to be used for UG.

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ONT(Optical Network Terminal) (Manageable)

Sr. No.	Parameters	Minimum Specifications
1.	Optical port	ITU T G.984/G.988, with 2.488 Gbps Downstream and 1.244 Gbps Upstream , SMF single port interface, 28dB (Class B+)
2.	Ethernet port	10/100/1000 Mbps -2 port and 1* PON (SC/APC)
3.	Distance support	Upto 20Km (depending on Splitting Ratio)
4.	Operating temperature	0 to 50 °C
5.	Others	Dual band Wi-Fi (802.11/ac/n/b/g)supports ONT, minimum 1 year domestic warranty, support Up to 1023 MAC address support, support upto 64 VLAN support, including but not limited to VLAN tag mode VLAN transparent mode VLAN trunk mode VLAN translation mode VLAN QinQ mode & compatible with GFGNL devices,Support Multicast,QoS , security features and SBA/DBA. Type 1. Home-ONT (H-ONT) for FTTH applications. 64 MAC addresses, 16 VLAN
6.		Should work in non AC environment
7.		Support SNMP V3, Remote management, OMCI, TR69 should have facility to set password for local & remote login, ITU T G.984.1/2/3/4, 32 Teont,128 Gempont, Support FEC (Forward Error Correction) downstream and upstream, support SBA/DBA
8.		LEDs

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9.	Manageability	MQTT/Modbus TCP/IP, Simple Network Management Protocol (SNMP), support SSH, SNMPv3, Telnet, and HTTPS, support WEB /TR069/TELNET/CLI, support DHCP functions like DHCP Server and DHCP Relay
10.	Power	Should be supplied with power adapter so that it can work on 230 V AC power, compatible with all India Power Standards.
11.	GPON equipment:	As per TEC-GR-FA-PON-002-02-NOV-18 or latest with all amendments

Mini GPON OLT 4 Port - Compatible with GFGNL Device – OLT, ONT, Switch,..etc.

Sl. No.	Parameter	Tender Specifications
1	Management Ports	1# 1G BASE-T Management port, 1#RJ45 CONSOLE port, 1#USB2.0, User friendly GUI Management
2	No. of Ports	2# 1GE SFP base Ports, 2# 10G SFP Ports, 4# GPON/PON Ports 4 2#Copper 10/100/1000M auto-negotiation
3	MAC	Support upto 32K MAC address

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Sl. No.	Parameter	Tender Specifications
4	GPON Features	<p>Connector Type Class C+ /Class C++ /Class C+++</p> <p>splitting ratio - 1:128 or better</p> <p>Transmission Distance - 20KM</p> <p>Performance - Upstream 1.244Gbps, Downstream 2.488Gbps</p> <p>Wavelength - RX 1310nm and TX 1490nm</p> <p>Connector - SC TYPE</p> <p>Fibre support - Single Mode 9/125µm</p> <p>TX Power +4.5~+10dBm</p> <p>Rx Power: - 27 dBm</p> <p>Compliant to ITU-T984.x standard</p>
5	Management Features	<p>WEB, HTTP, CLI, Telnet, SNMP v1/v2c/ v3, SSH</p> <p>ONT configuration and management</p> <p>User and Alarm Management</p> <p>Support 802.1X, Radius/Tacacs+ / or similar authentication protocols</p> <p>User friendly GUI utility</p> <p>Firmware and configuration upgradable via utility</p> <p>Remote ONU management</p> <p>ONU auto discovery, link detection, remote upgrade of software</p>
6	Vlan	<p>4K Vlan support, Port based VLAN, Protocol Based VLAN, Port Isolation, IEEE 802.1Q tagged based VLAN, 802.1ad Qin-Q tunnelling (VLAN stacking), VLAN transparent transmission</p>
7	L2 Features	<p>DHCP server, DHCP relay, DHCP snooping, IGMP snooping, 802.1d (Spanning tree), 802.1w (RSTP), 802.1s (MSTP), LACP, Rate Limit, QoS based on port, QoS based on TOS, port, VID, Mac addresses, ACL, IEEE802.x flow control, 1024 Multicast Groups, broadcasting storm control</p>
8	L3 Features	<p>static route, RIP, OSPF</p>

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Sl. No.	Parameter	Tender Specifications
9	Operation Temperature	: -5 °C to 65 °C
10	Physical Indicator	Power Indicator, system Indicator, port indicator (ACT/Link), PON port indicator, (power Consumption indicator-optional), over temperature sensors/indicator and shut down
11	Other	-Deployed indoor or in cabinets - As per TEC GR no. TEC-GR-FA-PON-002-02-NOV-18 or latest with all amendments

Annexure-XI- Form Of Power Of Attorney for Consortium

(On Non –Judicial Stamp Paper of Appropriate value to be purchased in the Name of CONSORTIUM)

KNOW ALL MEN BY THESE PRESENTS THAT WE, the Members whose details are given hereunder..... Have formed a CONSORTIUM and having our Registered Office (s)/Head Office (s) at(hereinafter called the ‘Consortium’ which expression shall unless repugnant to the context or meaning thereof, include its successors, administrators and assigns) do hereby constitute, nominate and appoint M/s..... a company/Electrical Contractor incorporated under the laws ofand having its Registered/Head Office atas our duly constituted lawful Attorney (hereinafter called “Lead Member”) to exercise all or any of the powers for and on behalf of the CONSORTIUM in regard to bid document No..... For supply..... for which bids have been invited by the Owner namely (DISCOM), to undertake the following acts:

(i) To submit proposal, participate and negotiate in respect of the aforesaid Bid – Specification of the Owner on behalf of the “Consortium”.

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(ii) To negotiate with Owner the terms and conditions for award of the contract pursuant to the aforesaid Bid and to sign the contract with the Owner for and on behalf of the "Consortium".

(iii) To do any other act or submit any document related to the above.

(iv) To receive, accept and execute the contract for and on behalf of the "Consortium".

(v) To submit the contract performance security in the form of an unconditional irrecoverable Bank guarantee in the prescribed format and as per terms of the contract. It is clearly understood that the Lead Member shall ensure performance of the contracts (s) and if one or more Member fail to perform their respective portion of the contracts (s), the same shall be deemed to be a default by all the Members. It is expressly understood that this power of Attorney shall remain valid binding and irrevocable till completion of the Defect or liability period in terms of the contract.

The CONSORTIUM hereby agrees and undertakes to ratify and confirm all the whatsoever the said Lead Member quotes in the bid, negotiates and signs the Contract with the Owner and / or proposes to act on behalf of the CONSORTIUM by virtue of this Power of Attorney and the same shall bind the CONSORTIUM as if done by itself.

IN WITNESS THEREOF the Members Constituting the CONSORTIUM as aforesaid have Executed these presents on this day of Under the Common Seal (s) of their Companies for and on behalf of the Members of CONSORTIUM

1.
2.
3.
4.

The Common Seal of the above Members of the CONSORTIUM:

The Common Seal has been affixed there unto in the presence of:

WITNESS

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1. Signature

Name

Designation

Occupation

2. Signature

Name

Designation

Occupation

(Annexure-....)

Annexure – XII : Bank Details For EMD (in the form of bid Security / Security deposit)

RTGS / NEFT / IFT - Electronic Fund Transfer Mandate Form (Mandate for receiving payments through RTGS / NEFT)		
1	Vendor Name	Gujarat Fibre Grid Network Limited (GFGNL)
2	Vendor Code	
3	Permanent Account Number (PAN)	AAGCG6369R
4	Particulars of Bank Account	
	A. Name of the Bank	HDFC Bank Ltd.
	B. Name of the Branch	Sector 16 Gandhinagar Branch
	C. Branch Code	190
	D. Address	Sector 16, Gandhinagar
	E. City Name	Gandhinagar-382016

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	F. Telephone No	+912268461 208
	G. RTGS / NEFT IFSC Code	HDFC0000190
	H. 9-digit MICR code appearing on the che ue book	N/A
	I. Type of Account	Current
	J. Account No.	50200061 458239
5	Vendor's e-mail id	cfo@bharatnet.gujarat.gov.in
6	VAT No. & Service Tax No.	-
7	GST No Detail	24AAGCG6369R1ZT
8	TAN No	AHMG06768G

(Please enclosed a copy of canceled cheque to enable us to verify the Bank details mentioned above.)

We hereby declare that the particulars given above are correct and complete. If transaction is delayed or lost because of incomplete or incorrect information, we would hold the company responsible.

Annexure – VIII : MAF (one and only one OEM for each component).

Manufacturer’s Authorization Format (MAF) From OEM

Ref:

Date:

To

.....,
.....,
.....,

Subject: Manufacturer Authorization Letter for RFP No.

Sir,

Request for Proposal (RFP) for Selection of Project Implementation Agency (PIA) for Various Connectivity through BharatNet Network

We, <OEM Name> having our registered office at <OEM address>, hereinafter referred to as OEM are an established manufacturer of the following items quoted by <Bidder Name> having their registered office at <Bidder address>, hereinafter referred to as Bidder.

Item – 1 : _____

We <OEM Name> authorize <Bidder's name> to quote our above-mentioned product for above mentioned tender.

We confirm that we have understood the delivery & installation timelines defined in the tender. We confirm that we have worked out all necessary logistics and pricing agreement with <Bidder name>, and there won't be any delay in delivery, installation and support due to any delay from our side. Our full support is extended in all respects for supply, warranty, and maintenance of our products. We also ensure to provide the required spares and service support **as pre-purchased for the supplied equipment for a period of 5 years** for the supplied equipment as per tender terms. In case of any difficulties in logging complaint at bidder end, user shall have option to log complaint at our call support Centre.

We hereby declare that the proposed product complies with all the specifications defined and desired in this RFP and subsequent corrigenda.

If any product is declared end of sale, we shall proactively ensure that a suitable equivalent or higher roll over product is offered through the existing bidder <(Bidder)> to GFGNL for due approval, contract, and order executions thereafter without any additional cost to the GFGNL.

Thanking You

For <OEM/ Manufacturer name>

< (Authorized Signatory)>

Name:

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Designation:

Contact Details:

Seal of the Company

NOTE:

- 1. The letter should be submitted on the letter head of the manufacturer / OEM and should be signed by the authorized signatory.*

Annexure – VII : Revised Financial Bid Format

1. Below mentioned financial bid format is for one zone. Same table would be available for each zone on (n)procure website.
2. Bidder is requested to refer clause – 5 (Selection criteria & allotment of work).

Financial bid format for each zone:

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Sr. No.	Description	UoM	Quantity	Rate (excluding tax)	Amount (Rs.)
			(A)	(B)	(C=A*B)
A	Services - Passive Infrastructure for underground OFC laying				
1	Excavation of trench with 1 Mtr depth including HDPE-PLB duct laying, backfilling, compaction, reinstatement after laying of HDPE-PLB pipe and installation of protection mechanism (DWC pipe, on-site PCC etc. for the cases of low depth as per RFP)	Mtr	250000		
2	Horizontal directional drilling including duct pulling	Mtr	25,000		
3	Manual mauling / boring including duct pulling	Mtr	12,500		
4	OFC blowing in duct / pulling of any size of cable with size of less than or equal to 24F	Mtr	2,50,000		
5	Installation of MH / HH	No.	1,250		
6	Installation of route indicator	No.	1,250		
7	OFC blowing in duct / pulling of any size of cable with size of less than or equal to 48F	Mtr	1,00,000		
B	Services - Passive Infrastructure for aerial OFC laying				
1	Aerial cable laying on existing pole / new pole including required accessories	Mtr	30,00,000		
2	Installation of new pole	No.	600		

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Sr. No.	Description	UoM	Quantity	Rate (excluding tax)	Amount (Rs.)
			(A)	(B)	(C=A*B)
C	Services - Passive Infrastructure for wireless link				
1	Installation of 3 mtr pole including required RCC / foundation work & material required for same (excluding pole)	No.	338		
2	Installation of 6 mtr pole including required RCC / foundation work & material required for same (excluding pole)	No.	338		
3	Installation of 9 mtr pole including required RCC / foundation work & material required for same (excluding pole)	No.	338		
4	Installation of 12 mtr mast including required RCC / foundation work & material required for same (excluding pole)	No.	45		
5	Installation of 15 mtr mast including required RCC / foundation work & material required for same (excluding pole)	No.	23		
6	Installation of 18 mtr mast including required RCC / foundation work & material required for same (excluding pole)	No.	14		

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Sr. No.	Description	UoM	Quantity	Rate (excluding tax)	Amount (Rs.)
			(A)	(B)	(C=A*B)
7	Installation of 21 mtr mast including required RCC / foundation work & material required for same (excluding pole)	No.	14		
8	Installation of 24 mtr mast including required RCC / foundation work & material required for same (excluding pole)	No.	14		
9	Installation of 27 mtr mast including required RCC / foundation work & material required for same (excluding pole)	No.	14		
10	Installation of 30 mtr mast including required RCC / foundation work & material required for same (excluding pole)	No.	14		
D	Services - Passive Infrastructure				
1	Splicing of loose tube fibre with loose tube fibre including cable preparation of both cables and acceptance testing	Each fiber joint	6,000		
Sr. No.	Description	UoM	Quantity	Rate (excluding tax)	Amount (Rs.)
			(A)	(B)	(C=A*B)

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2	Splicing of loose tube fibre with ribbon fibre including cable preparation of both cables and acceptance testing	Each fiber joint	750		
3	Installation of compass (WSC) for fibre termination including splicing of up to 8 fibre cores with pigtails and acceptance testing	No.	6,750		
4	Installation of 6U wall mounted rack including supply of electrical cable for power connection, MCB and energizing the rack with electrical power	No.	3750		
5	Installation of DWC pipe at / inside customer premise	Mtr	2250		
6	Installation of PVC pipe at / inside customer premise	Mtr	33,750		
7	Preparation of earthing pit for road earthing/chemical earthing including supply of all required material for earthing & successfully achieving desired earth value as per RFP	Each	1875		
Sr. No.	Description	UoM	Quantity	Rate (excluding tax)	Amount (Rs.)
			(A)	(B)	(C=A*B)

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8	Installation of outdoor Cat 6 cable including required accessories, connector etc.	Mtr	18,000		
9	Installation of indoor Cat 6 cable including required accessories, connector etc.	Mtr	18,000		
10	Installation of 3U wall mounted rack including supply of electrical cable for power connection, MCB and energizing the rack with electrical power	No.	1875		
11	Installation of 2U wall mounted rack including supply of electrical cable for power connection, MCB and energizing the rack with electrical power	No.	1875		
E	Services - Active Infrastructure				
1	Installation, configuration, commissioning and acceptance testing of a pair of Optical to Ethernet converter(s)	Pair	6,750		
Sr. No.	Description	UoM	Quantity	Rate (excluding tax)	Amount (Rs.)
			(A)	(B)	(C=A*B)

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2	Installation, configuration, commissioning and acceptance testing of point to point UBR radio link including earthing, lightening arrester, clamps, RF & electrical cables etc.	No.	50		
3	Installation, configuration, commissioning and acceptance testing of Base Station site radio for point to multipoint radio link including earthing, lightening arrester, clamps, RF & electrical cables etc.	No.	50		
4	Installation, configuration, commissioning and acceptance testing of Remote Station site radio for point to multipoint radio link including earthing, lightening arrester, clamps, RF & electrical cables etc.	No.	200		
Sr. No.	Description	UoM	Quantity	Rate (excluding tax)	Amount (Rs.)
			(A)	(B)	(C=A*B)
5	Installation, configuration, commissioning and acceptance testing of point to point Li-Fi / FSO link including earthing cable, lightening arrester, clamps/fixtures, optical patch cord & electrical cables etc	Each	13		

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6	Installation, configuration, commissioning and acceptance testing of CPE (customer premise equipment – L3 router & L2 switch)	No.	7,500		
7	Installation, integration and commissioning of Electronics (Mini OLT)	No.	250		
8	Installation, integration and commissioning of Electronics (ONT/ONU)	No.	1,000		
F	Material Supply - Passive Infrastructure				
1	Optical fibre cable - 48F loose tube Armoured cable	Mtr	1,00,000		
2	Optical fibre cable - 24F loose tube Armoured cable	Mtr	7,50,000		
3	Optical fibre cable - 12F loose tube ADSS unarmoured	Mtr	6,00,000		
4	Optical fibre cable - 8F loose tube ADSS unarmoured	Mtr	6,00,000		
5	Optical fibre cable - 6F loose tube ADSS unarmoured	Mtr	6,00,000		
6	Optical fibre cable - 4F loose tube ADSS unarmoured	Mtr	6,00,000		
7	Optical fibre cable - 2F loose tube ADSS unarmoured	Mtr	6,00,000		
8	HDPE - PLB duct	Mtr	2,50,000		
9	MH / HH (joint / loop chamber)	No.	1,250		
10	Route indicator	No.	1,250		
11	6U wall mounted rack including fan, power strip & cable manager	No.	3750		
12	3U wall mounted rack including fan, power strip & cable manager	No.	1875		
13	2U wall mounted rack including fan, power strip & cable manager	No.	1875		
14	DWC pipe	Mtr	2250		
15	RCC half round pipe	Mtr	12,500		
16	New pole for aerial cable installation	No.	600		

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17	Miscellaneous items required at customer location like MCB, electrical cable, earthing cable, compass, PVC pipe, patch cord (optical & Cat 6) etc.	Lot	2,500		
18	3 mtr pole including all accessories	No.	340		
19	6 mtr pole including all accessories	No.	340		
20	9 mtr pole including all accessories	No.	340		
21	12 mtr mast including all accessories	No.	40		
22	15 mtr mast including all accessories	No.	25		
23	18 mtr mast including all accessories	No.	15		
24	21 mtr mast including all accessories	No.	15		
25	24 mtr mast including all accessories	No.	15		
26	27 mtr mast including all accessories	No.	15		
27	30 mtr mast including all accessories	No.	15		
28	Outdoor Cat 6 cable including required accessories, connector etc.	Mtr	18000		
29	Indoor Cat 6 cable including required accessories, connector etc.	Mtr	18000		
30	Optical Splitters (1:8)	No.	375		
31	Optical Splitters (1:4)	No.	375		
32	Optical Splitters (1:2)	No.	375		
33	Optical fibre cable - 48F armored fiber	Mtr	50,000		
34	Other materials-Fibre Joint closure	Nos.	180		
35	12 FDMSFTB (Fully loaded including enclosure) as per as per TEC GR. GR/FDM-01/02. APR 2007	Nos.	300		
36	24 FDMSFTB (Fully loaded including enclosure) as per as per TEC GR. GR/FDM-01/02. APR 2007	Nos.	100		

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37	48 FDMSFTB (Fully loaded including enclosure) as per as per TEC GR. GR/FDM-01/02. APR 2007	Nos.	100		
38	Installation of PVC pipe at inside customer premise	Nos.	33,750		
G	Material Supply - Active Infrastructure				
1	CPE (customer premise equipment) L3 router – Option 1	No.	3900		
2	CPE (customer premise equipment) L3 router – Option 2	No.	2700		
3	CPE (customer premise equipment) L2 manageable switch – 24 ports	No.	300		
4	CPE (customer premise equipment) L2 manageable switch – 8 ports	No.	600		
5	Pair of Optical to Ethernet converter(s) (1 no. OtoE + 1 no. EtoO)	Pair/Set	6,750		
7	Point to point UBR radio set including earthing cable, lightening arrester, clamps/fixtures, RF & electrical cables etc.	Pair/Set	50		
8	Base Station site radio for point to multipoint radio link including earthing cable, lightening arrester, clamps/fixtures, RF & electrical cables etc.	Each	50		

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9	Remote Station site radio for point to multipoint radio link including earthing cable, lightening arrester, clamps/fixtures, RF & electrical cables etc.	Each	200		
10	Voltage stabilizer	No.	2,500		
11	UPS 1KVA	No.	500		
12	Point to point Li-Fi / FSO 1Gbps link set including earthing cable, lightening arrester, clamps/fixtures, optical patch cord & electrical cables etc.	Each	13		
13	Mini GPON OLT (4 Port GPON)	No.	250		
14	ONT/ONU For Customer End	No.	750		
Grand Total – Co					

Note:

1. Payments shall be made by the GFGNL as per the terms and conditions of the RFP and no extra charges shall be paid by GFGNL.
2. For financial evaluation, Price excluding Tax shall be taken into consideration.
3. The taxes shall be mentioned separately and will be applicable as actual as per the time of billing.
4. All invoices should be raised from Gujarat.
5. The quantity mentioned above for all line items is notional for evaluation purpose only. Actual payment will be made to selected bidder(s) based on number of locations awarded by GFGNL and successfully connected by bidder & certified by GFGNL.
6. Quoted rates will be valid for 3 years from the date of issuance of Work Order which can be mutually extended further for 2 years at the same terms & condition.

----- End of Document -----