



Request for Proposal (RFP) for selection of Agency for Supply, Installation, Commissioning and Operations & Maintenance of Telecom Shelter for a period of 7 years across the state of Gujarat for BharatNet Phase II Project, on behalf of GFGNL, DST, Govt. of Gujarat

Reference No: GFG/DST/BharatNet/ Infrastructure /2020/594

4th Feb 2021



Department of Science & Technology
Government of Gujarat



Gujarat Fibre Grid Network Limited (GFGNL)

A Government of Gujarat Company

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

1. Invitation to Bids

- a. Gujarat Fibre Grid Network Limited (GFGNL) is inviting bids from the eligible bidders for “**Request for Proposal (RFP) for selection of Agency Supply, Installation, Commissioning and Operations & Maintenance of Telecom Shelter for a period of 7 years across the state of Gujarat for BharatNet Phase II Project, on behalf of GFGNL, DST, Govt. of Gujarat (Reference No: GFG/DST/BharatNet/Infrastructure /2020/594)**” GFGNL intends to select the firm by inviting the proposals through Open Tender Process. Bidder shall upload their bids on <https://www.gfgnl.nprocure.com>. Bids complete in all respects should be uploaded on or before the bid due date.
- b. The Bid Security and non-refundable bid processing fees in a separate sealed envelope super scribed with the bid document number to be submitted to GFGNL office.
- c. Tender documents are available only in electronic format which Bidders can download free of cost from the website <https://www.dst.gujarat.gov.in>, <https://bharatnet.gujarat.gov.in>, <https://gil.gujarat.gov.in/> & <https://www.gfgnl.nprocure.com>.
- d. The bids have been invited through e-tendering route i.e. the eligibility criteria, Technical and financial stages shall be submitted online on the website <https://gfgnl.nprocure.com>
- e. Bidders who wish to participate in this bid will have to register on <https://gfgnl.nprocure.com>. Bidders who wish to participate in online bids will have to procure Digital Certificate as per Information Technology Act, 2000 using which they can sign their electronic bids.
- f. Bidders can procure the same from (n)code solutions – a division of GNFC Ltd., or any other agency licensed by Controller of Certifying Authority, Government of India. Bidders who already have a valid Digital Certificate need not procure a new Digital Certificate.
- g. In case of any clarifications required, please email your queries as per the format prescribed in the RFP to mgr-proj@bharatnet.gujarat.gov.in & pmc@bharatnet.gujarat.gov.in on or before 11th Feb 2021.
- h. Accessibility of Tender Document: The Tender Document to participate in e-Tender shall be available for downloading from <https://gfgnl.nprocure.com>. The Tender document shall not be available for download on or after its submission/ closing date.

2. Background and Objective:

The Gujarat Government has setup a Special Purpose Vehicle (SPV) namely “Gujarat Fibre Grid Network Limited” (GFGNL) to implement Phase-II of BharatNet Project in Gujarat. This SPV has been created to synergize with the efforts of Government of India under the National Optical Fiber Network and Digital India initiative and make focused efforts to actualize a state-to-village fiber grid and to facilitate building common Government owned infrastructure to provide internet facilities to residents of State of Gujarat.

BBNL (Bharat Broadband Network Limited) is a Telecom infrastructure provider, set up by the government of India under Telecom department for the establishment, management and operation of National Optical Fibre Network to provide a minimum of 100 Mbps broadband connectivity all 250,000 Gram panchayats in the country, covering nearly 625,000 villages, to improve telecommunications in India and reach the campaign goal of Digital India.

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The Gram Panchayats (GPs) to be connected under BharatNet Phase-II has been divided into two packages, each containing a group of GPs for convenience of implementation. As part of the scope a total of 7692 GPs spread over 22 districts shall be connected over the proposed fibre grid.

GFGNL through separate tenders has already selected Project Implementing Agencies (PIA) for both the packages for implementing the entire project on Engineering Procurement and Construction (EPC) basis. The PIA's shall be responsible for "Survey, Design & Planning, Supply, Installation, testing and commissioning of OFC (Underground and Aerial) GPON Network with equipment's, transport network, end to end integration and also, to undertake the responsibility for Operations & Maintenance (O&M) and facilitating service provisioning of the established network for 7 years from the date of Go Live on turnkey basis.

Along with that GFGNL through a closed tender among empaneled agencies selected a third-party audit agency (TPA) for validating the entire execution done by PIA. TPA agency shall inspect, verify, certify and monitor the timely execution of the entire network including OFC laying, Equipment installation & integration with state NOC as per the TEC GRs and Engineering Instructions mentioned in detail in RFP for selection of PIAs, material inspection, service level management and Inspection of OFC routes during digging, trenching, ducting, reinstatement, OFC blowing, splicing & testing as per the scope mentioned in the respective RFP.

Agencies selected for Project Implementation and auditing are:

- ITI limited as PIA for Package A
- GTPL Hathway Limited as PIA for Package B
- TCIL as TPA for both the packages

The GFGNL head office is presently located at 5th floor, Block – 6, Udhog Bhavan, Sector 11, Gandhinagar, Gujarat 382010.

GFGNL intends to establish efficient Infrastructure to install Telecom Network equipment's at various blocks/Talukas in respective districts of Gujarat to extend the connectivity at GPs. As a part of Infrastructure, GFGNL is seeking to install Porta cabin/Shelter with infrastructure for installation & commissioning of various Telecom Network equipment's like GPON, DWDM, RFMS etc. in rack and FDMS rack for termination of fibre cables. Selected bidder will have to supply, install and commission Infrastructure including ACDB (AC distribution box), AC, SMPS, battery bank and earthing strips & pits at various Govt. premises at Blocks/Talukas to address the requirements mentions in this RFP.

In reference to above, proposals are invited from well-established company/agencies engaged in the Supply, Installation and Commissioning of the Infrastructure and other equipment's as per the scope of this RFP for Gujarat Fibre Grid Network Ltd (GFGNL) for different locations in Gujarat.

RFP Document The bidder is requested to download the RFP document and read all the terms and conditions mentioned in the RFP Document and seek clarification if any from the RFP inviting authority. The bidder has to keep track of any changes by viewing the Addendum/Corrigenda issued by the RFP inviting authority from time-to-time in the <https://bharatnet.gujarat.gov.in>, The Department calling for RFPs shall not be responsible for any claims/issues arising out of this.

3. Notice Inviting Proposal and Necessary Instruction

| | |
|---|--|
| Name of the work | Request for Proposal (RFP) for selection of Agency for Supply, Installation, Commissioning and Operations & Maintenance of Telecom Shelter for a period of 7 years across the state of Gujarat for BharatNet Phase II Project, on behalf of GFGNL, DST, Govt. of Gujarat |
| Tender submission Cost | Rs 10,000 (Rs. Ten Thousand Rupees 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. |
| EMD (bid Security / Security deposit) | Rs 10,00,000 (Rs. Ten Lacs Only) 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 due 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 |
| Contract Period | 7 years |
| Bid validity days | 180 days from the date of submission of bids |
| Issue Of Tender | The tender can be downloaded from date 04.02.2021 website https://www.dst.gujarat.gov.in website https://bharatnet.gujarat.gov.in website https://gfgnl.nprocure.com |
| Pre-Bid | Pre-bid will be held on 11.02.2021 at 2.00 PM Gujarat Fibre Grid Network Limited (GFGNL), Block No: 6, 5th Floor, Udyog Bhavan, Sector-11, Gandhinagar: 382010 |
| Proposal due date (Last date of Tender submission) | Tender should be submitted before 12:00 noon on 18.02.2021 Bidder shall upload their bids on https://gfgnl.nprocure.com |
| Opening Of Tender | Technical Qualification documents will be opened on the same day at 2.00 PM in the presence of bidders Qualified bidders would subsequently be informed later about the date, time and venue for price bid opening. |
| Contact persons (for any Clarifications) | Chief Finance Officer (CFO), Gujarat Fibre Grid Network Limited (GFGNL), Block No: 6, 5th Floor, Udyog Bhavan, Sector-11, Gandhinagar: 382010 |

4. Clarifications on the RFP

A prospective bidder requiring any clarification on the RFP Document may submit its queries, via email only, to mgr-proj@bharatnet.gujarat.gov.in & pmc@bharatnet.gujarat.gov.in on or before 11.02.2021.

GFGNL will host a Pre-Bid meeting online or offline depending on the convenience as mentioned for queries (if any) by prospective bidders. GFGNL encourages prospective bidders to clarify their doubts/seek clarification or additional information necessary for them to submit their bid. The representatives of the bidders may visit the GFGNL office at their own cost for any clarification(s).

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Pre-Bid Queries: GFGNL may incorporate any changes in the RFP based on acceptable suggestions received in pre-bid queries. The decision of GFGNL regarding acceptability of any suggestion shall be final in this regard and shall not be called upon to question under any circumstances. It may not be possible to answer questions which are received late. The responses to the queries shall be uploaded by way of hosting amendments/clarifications on the website i.e. <https://bharatnet.gujarat.gov.in> in accordance with the respective clauses of the RFP.

The queries should necessarily be submitted before bid submission date in the following softcopy format and **should be in Microsoft Excel only** (.xls or .xlsx formats):

| Request for Clarification | | |
|---|--|---|
| Name and Address of the Organization Submitting Request | Name and Position of Person Submitting Request | Contact Details of the Organization / Authorized Representative |
| Name: Address: | Name: Designation: | Tel: Mobile: Fax: Email: |

| Sr. | RFP Document Clause/ Section No. | Clause Title | Page No. | Content of the RFP Requiring Clarification | Clarification Sought |
|-----|----------------------------------|--------------|----------|--|----------------------|
| | | | | | |

(No PDF or Scanned images)

Queries submitted post the above-mentioned deadline, or which do not adhere to the above-mentioned format may not be responded to. All the responses to the queries (clarifications / corrigendum) shall be made available on the website mentioned in the necessary instructions and shall not be communicated through print media.

Proposal/Bid Submission & Evaluation

a) Proposal preparation:

- i. The proposal should be short, concise & include all points indicated in the document.
- ii. The Proposal shall be typed or written in indelible ink and should be in English. Proposal in other language would not be accepted. The pages and volumes of each part of the Proposal shall be clearly numbered. The Proposal shall contain all the information required herein and references of previous submissions shall not be considered
- iii. The bidder shall submit price bid / offer in Indian Rupees and payment under this contract will be made in Indian Rupees only
- iv. The bidders shall bear all costs associated with the preparation and submission of their proposals.
- v. At any time before the submission of Proposals, GFGNL may amend this document by issuing an addendum, which shall be binding on the bidders.

b) Proposal Submission:

- i. Bids (Technical bid & Financial bid) shall be submitted online on <https://www.gfgnl.nprocure.com>.
- ii. The participating Bidders in the tender should register themselves on e-procurement portal, if not registered earlier.
- iii. The Bidders can login to e-procurement portal in secure mode only by signing through the Digital certificates.
- iv. The Bidders should scan and upload the respective documentary evidence as mentioned in Eligibility Criteria.

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- v. The bidders shall sign on all the statements, documents, certificates uploaded by them, owning responsibility for their correctness/authenticity.
 - vi. The rates should be quoted in the financial bid format attached with the tender and upload online only.
 - vii. Bidders are required to upload the Scanned copy of Bank Guarantee and Demand draft for EMD and Tender Fee respectively (as mentioned in this RFP) at online bidding portal. Further, original Bank Guarantee and Demand Draft for EMD and Tender Fee respectively, must be submitted in a sealed envelope mentioning "EMD and Tender fee" before due Date and Time for Submission of Bids as mentioned in RFP
- c) Proposal Evaluation :
- i. The evaluation of the bid will be considered of only those bidders who
 - have furnished bid fee and security deposit of prescribed amount as per the tender
 - meet the eligibility criteria as mentioned in the RFP document and have furnished documentary proof in respect of the same
 - ii. The bids of the non-conforming bidders shall be rejected without evaluation.
 - iii. The proposal shall be evaluated in three (3) stages. In Stage – 1, EMD & DD shall be verified. Bidders whose EMD & DD are valid will be considered for Stage – 2. In Stage – 2, technical documents will be verified. Only those bidders who will be qualified in Stage – 1 & 2 will be eligible for Stage – 3 i.e. Financial evaluation.
 - iv. The evaluation of proposals shall be on the principle of Lowest cost (L1) based on quoted rates as per the financials submitted as part of the bid.
 - v. For financial evaluation, Price excluding Tax shall be taken into consideration
 - vi. Agency is required to furnish the commercial quote as mentioned under financial bid format. Revelation of commercial details other than the specified format shall lead to disqualification of the bid.
 - vii. GFGGNL reserves the right to discard bids, which are deviating from the specified formats mentioned in the RFP.

5. Sections Comprising Bids

The proposal shall be submitted online and shall comprise of following sections:

Part-I: Bid Security

- a. Bidders are required to upload the Scanned copy of Bank Guarantee (Annexure-V) and Demand draft for EMD and Tender Fee respectively (as mentioned in this RFP) at online bidding portal. Further original Bank Guarantee and Demand Draft for EMD and Tender Fee respectively, must be submitted in a sealed envelope mentioning "EMD and Tender fee" before due Date and Time for Submission of Bids as mentioned in "Invitation to Bids".

Part-II: Technical Bid: Pre-qualification bid must contain the following information in pdf format–

- a. Bid Submission Cover Letter – (Annexure -I)
- b. Bidder's information sheet (Annexure II)
- c. Enclose copy of Certificate of Incorporation/ Registration Certificate of the firm/ Shop & establishment certificate
- d. Proof of office (electricity bill/ lease agreement)
- e. Bidder should submit a certificate from the statutory auditors clearly mentioning the monetary net worth for last 3 years (2017-18, 2018-19 & 2019-20)

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- f. Copy of Certificate from the Statutory auditor / CA clearly specifying the annual turnover for the specified years. (2017-18, 2018-19 & 2019-20) if finally published results are not available, provisional turn over details with CA certificate
- g. Copy of Purchase order (received by OEM from different buyer) or undertaking on Shelter OEM's letter head mentioning PO number, PO date, Quantity Supplied & company name to whom Shelters supplied
- h. Undertaking on Shelter OEM's Letterhead of supply made within 5 years from submission of Bid clearly mentioning the quantity (if PO date is older than 5 years)
- i. Manufacturers Authorization form" MAF (all applicable OEMs) issued by the OEM authorizing the bidder to supply & install the equipments
- j. Self Certification on PMA By Bidder and OEM
- k. Self-Certification by Bidder and OEM
- l. Copy of Certificate of Registration /Copy of certificate of incorporation / partnership deed (if applicable)
- m. Copy of valid GST registration
- n. Copy of valid PAN card
- o. Undertaking by the bidder for not being barred by any State/ Central Government/PSU (Annexure III)
- p. Response to Eligibility criteria: Eligibility Criteria which should contain all the supporting documents as asked for eligibility.
- q. Technical Design Document

Part-III: Financial Bid: The Financial Bid shall comprise of the following:

- a. Financial Bid - Annexure VII

6. Naming Convention for files

The bidders need to strictly follow the below mentioned File Nomenclature rules while uploading the documents in the bidding portal. For documents mentioned under Eligibility Criteria, the file naming should be: Eligibility_Criteria_[Document_Name] For example:

- Eligibility_Criteria_Copy_of_Certification_of_Incorporation
- Eligibility_Criteria_PAN_Card
- Eligibility_Criteria_GST_Registration
- Eligibility_Criteria_Financial_Statement_Turnover
- Eligibility_Criteria_Financial_Statement_Networth
- Eligibility_Criteria_Shelter_OEM_PO_Copy
- Eligibility_Criteria_Shelter_OEM_Undertaking_Letter
- Eligibility_Criteria_Self_Declaration_Blacklisting

For the documents in Annexures, the file naming should be : Anx_[S.no of Annexure]_[Annexure Name]

For example:

- Anx_I_CoverLetter
- Anx_II_Bidder Information Sheet
- Anx_VIII_MAF_[OEM Name]

In case of any large file (exceeding 3MB) which need to be split in two parts or more, the naming should be:

- Anx_I_CoverLetter_Part_1
- Anx_I_CoverLetter_Part_2

For any other file not covered under this, should be named appropriately as per its contents. All files should be in pdf formats and should not be password protected or encrypted. The files should not be zipped. Any other format of the file other than pdf shall not be considered as part of the submitted bid.

7. General conditions

- a) Bids received in any manner other than as prescribed above are liable to be rejected summarily
- b) Number of Porta cabin/Shelter units with infrastructure will be installed at Govt. premises proposed and selected by GFGNL.
- c) The Competent Authority of the GFGNL reserves the right to annul all bids or discontinue this tender process, without assigning any reason, at any time prior to signing of agreement with the successful bidder.
- d) The EMD of unsuccessful bidders will be returned by the GFGNL, without any interest, as promptly as possible on signing of contract with the selected bidder or when GFGNL cancels the bidding process.
- e) The Selected Bidder's EMD will be returned, without any interest, upon the Selected Bidder signing the Agreement and furnishing the performance guarantee in accordance with the provision thereof.
- f) The decision of GFGNL regarding forfeiture of the EMD and rejection of bid shall be final and shall not be called upon question under any circumstances.
- g) The EMD may be forfeited:
 - i. If a bidder withdraws their bid or increases their quoted prices during the period of bid validity or its extended period, if any; or
 - ii. In the case of a successful bidder, if the bidder fails to sign the Contract or to furnish Performance Bank Guarantee within specified time
 - iii. During the bid process, if a bidder indulges in any such deliberate act as would jeopardize or unnecessarily delay the process of bid evaluation and finalization
 - iv. During the bid process, if any information found wrong/manipulated/hidden in the bid
- h) **In case of single successful bidder** who is awarded the Work Order, bidder shall be required to deposit a Performance bank guarantee (refer annexure VI) @10% of the total value of the contract (i.e. sum total value mentioned in column F of table 1.1 (C0) + sum total value mentioned in column F of table 1.2 (C1=Total O&M cost) of financial bid) in the form of Bank Guarantee from any scheduled bank in favor of "Gujarat Fibre Grid Network Limited, Gandhinagar (from all Nationalized banks including the Public sector banks - IDBI Ltd. Or Private sector banks - AXIS Bank, ICICI Bank and HDFC Bank) within 15 days of award of work, covering the period of contract and 180 days beyond the contract period. **If 3 successful bidders are selected**, then L1, La & La+1 bidders will have to submit PBG @ 4.5%, 3% & 2.5% of the total value of the contract (i.e. sum total value mentioned in column F of table 1.1 (C0) + sum total value mentioned in column F of table 1.2 (C1=Total O&M cost) of financial bid of L1 bidder) respectively. **If 2 successful bidders are selected**, then L1 & La bidders will have to submit PBG @ 5.75% & 4.25% of the total value of the contract (i.e. sum total value mentioned in column F of table 1.1 (C0) + sum total value mentioned in column F of table 1.2 (C1=Total O&M cost) of financial bid of L1 bidder) respectively. In case, the contract is further extended beyond the initial period, the Bank Guarantee will have to be accordingly extended/renewed by the successful agency/bidder. All incidental charges whatsoever such as premium, commission etc. with respect to the Bank Guarantee shall be borne by the successful bidder. Non-deposit of PBG within the stipulated time shall render the award of contract invalid at the discretion of GFGNL.

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- i) The successful bidder shall sign a contract with GFGNL within 15 days of receipt of proforma contract from GFGNL; failing which their EMD and/or performance bank guarantee (PBG) shall be forfeited and GFGNL's decision to scrap the tender or negotiate with the second bidder (as per the final ranking) shall be binding on the first bidder.
- j) The Laws of Union of India shall govern any matter relating to the appointment of agency or the procedure for the appointment of agency. Disputes, if any arising under the said process shall be subject to the exclusive jurisdiction of courts at Gandhinagar/ Ahmedabad. Any disputes arising after the signing of the agreement shall be resolved in the manner as mentioned in such agreement.
- k) Once quoted, the bidders are not allowed for any type of price changes, whether resulting or arising out of any technical/commercial clarifications sought regarding the bid. Such price changes shall render the bid liable for rejection.

8. Eligibility Criteria

| S No | Eligibility Criteria | Supporting Documents to be furnished |
|------|--|---|
| 1. | <ol style="list-style-type: none"> a. The entity should be either registered as a Company under Companies Act 1956/ 2013 or as a Partnership (including Limited Liability Partnership) under Partnership Act, 1932 as the case may be. b. The bidder should have local presence and should have an office in Gujarat. In case bidder does not have office in Gujarat, bidder should give an undertaking to open an office in Gujarat within 45days from the date of award of work order. | <ol style="list-style-type: none"> a. Certificate of Incorporation in respect of the applicant organization issued by Registrar of Companies or a partnership deed duly registered under the Partnership Act b. Copies of any two i.e. Property Tax /Electricity /Telephone Bill/ VAT/CST Registration/ Lease agreement OR Undertaking to open Office in Gujarat, if selected with in 45days. |
| 2. | The Bidder should have minimum cumulative annual turnover of Rs 12 Cr in the last three financial year (2017-18, 2018-19 & 2019-2020) | Certificate from the Statutory auditor / CA clearly specifying the annual turnover for the specified years. For 2019-20, if finally published results are not available, provisional turn over details on CA certificate. |
| 3. | The Bidder should have a positive net worth. | Bidder should submit a certificate from the statutory auditors clearly mentioning the monitory net worth for last 3 years (2017-18, 2018-19 & 2019-2020) |
| 4. | Shelter OEM should have supplied at least 50 Shelters /porta cabin to telecom/IP infrastructure provider/ Indian Army/ Govt. of India in last 5 years from submission of bid. | [Copy of Purchase order (received by OEM from different buyer) or undertaking on Shelter OEM's letter head mentioning PO number, PO date, Quantity Supplied & company name to whom Shelters supplied] And |

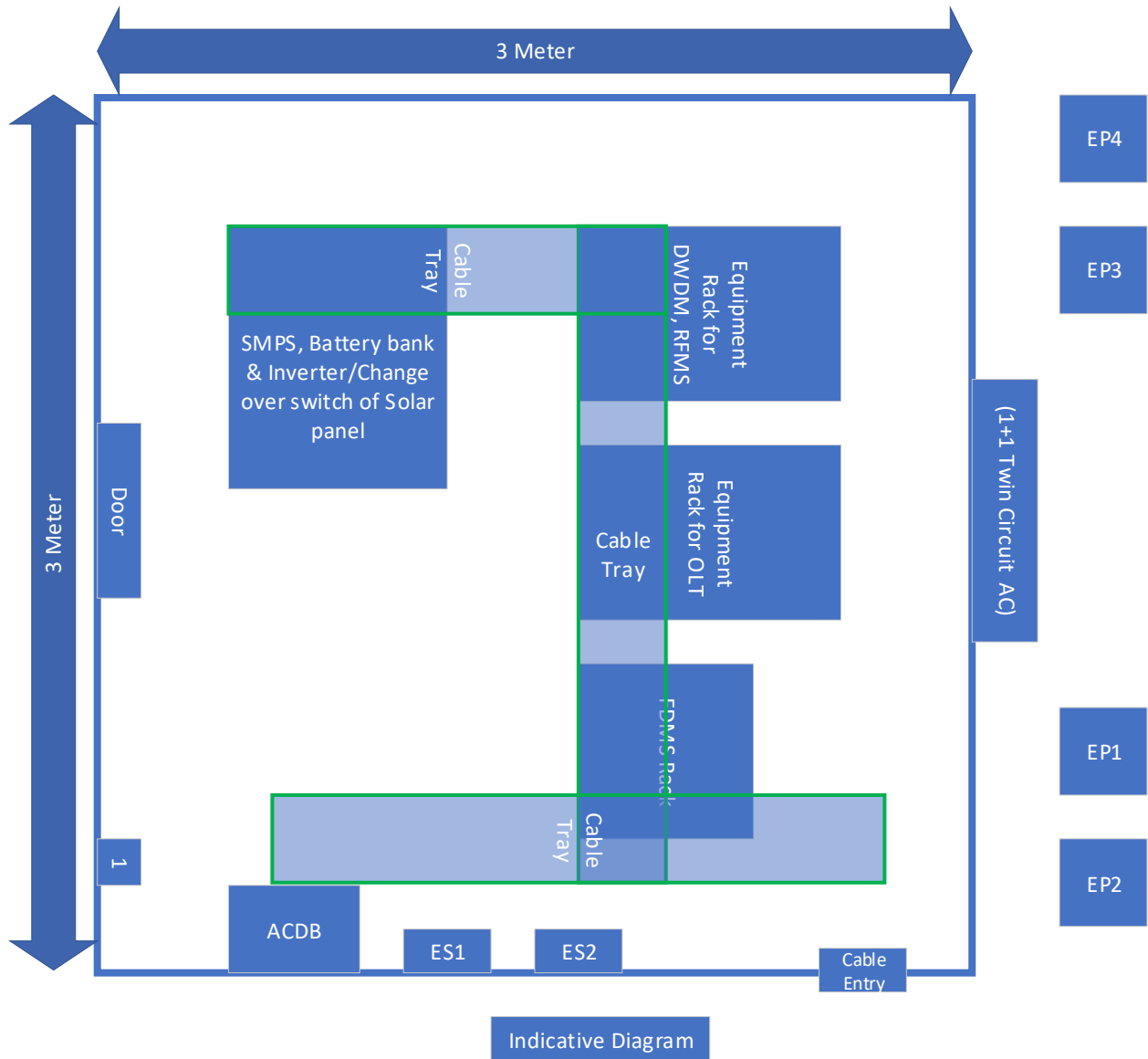
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| | | |
|----|--|---|
| | | Undertaking on Shelter OEM's Letterhead of supply made within 5 years from submission of Bid clearly mentioning the quantity. |
| 5. | The bidder & OEM should not have been barred from participating in any tender/ providing services/procurement process or supply of materials by an organization / department / office / PSU/ board or corporation of either Government of India or any state government. | Refer format Annexure III |
| 6. | The bidder should have a valid GST registration | Copy of valid GST registration; Copy of valid PAN card |
| 7. | Bidder should submit a "Manufacturers Authorization form" (MAF) for Shelter, Air conditioner, SMPS & Battery bank issued by the respective OEM authorizing the bidder to supply & install the equipment's. | MAF issued by OEM for the proposed product as per format mentioned in Annexure –VIII |
| 8. | The Bidder should comply with Preferential Market Access (PMA) guidelines notified by DoT and all its clarifications/amendments applicable on this RFP. | Affidavit of Self Certificate signed by authorized signatory as per the format provided in Annexure-IX |
| 9. | 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-X), separately. |

Micro, Small & Medium Enterprises Development Act

1. The firms registered under MSME are exempted from submitting the Earnest Money Deposit (EMD) and tender fee.
2. If a bidder falls under the MSME then a copy of the registration certificate must be provided to GFGNL along with the proposal. Further, the bidder must keep GFGNL informed of any change in the status of MSME. Exemption from payment of Earnest Money Deposit (EMD) and tender fee have been extended to the firms registered with Central Stores and Purchase Office (CSPO), Director General of Supply and Disposal, Small scale industries (SSI) units registered with NSIC for the products / services asked in this tender provided they submit a valid proof (Copy of MSME registration/ any other exemption (if applicable)) of the same along with the proposal in Envelope A
3. Firms taking exemption under MSME shall have to produce the certificate mentioning they are registered for manufacturing Shelter along with AC, Power plant & battery than only MSME exemption shall be accepted

9. Indicative Shelter Diagram.



10. Scope of Work

Selected bidder will have to supply, install and commission Infrastructure including porta cabin/shelter, ACDB (AC distribution box), DCDB, AC, SMPS, battery bank, earthing strips and earthing pits at any Govt. premises at Blocks/Talukas or as per GFGNL's requirement. Selected bidder will also have to carry out required civil work to install shelter /porta cabin as per the details provided in specifications below and electrical cabling work for successful commissioning of all electrical equipment's. Selected bidder(s) will have to supply shelter with Infrastructure and equipments at the locations within Gujarat as per requirement of GFGNL. Scope may vary up to +/- 25%.

11. Specifications of SMPS and battery bank: The specifications of SMPS with battery bank required are as follows:

| Sr. no | Parameters | Minimum Specifications |
|--------|---|--|
| 1. | Input Voltage and Frequency | 300 - 475 VAC, Three Phase and 50 Hz +/- 2 Hz |
| 2. | Output Voltage | Nominal : -48V DC |
| 3. | Cutoff voltage for Battery | SMPS should be able to configure for defining Cutoff voltage (V): -42v to -44v |
| 4. | Rectifier module / Capacity | <p>a) Adequate capacity to cater DC load of 60Amp for electronic equipments. Rectifier modules of min 50Amp (N+1) to be supplied. Bidder has to consider charging current requirement for battery back-up separately. Selected Bidder will have to provide minimum 3 nos. rectifier modules each having minimum 50 Amp capacity per each SMPS or Selected Bidder can also provide minimum 2 nos. rectifier modules each having minimum 80 Amp capacity per each SMPS (in this case, bidder will have to provide quote for 50 Amp module only for 3 nos. as per financial bid format).</p> <p>b) Power plant compatible with VRLA batteries having 7years of battery life & has enough capacity to take care of load and battery at C/10 rate of charge.</p> |
| 5. | Protection | The SMPS shall have an In-built Class C surge protection device. SMPS power plant to ensure prevent from Deep Discharge and battery under voltage. |
| 6. | Alarm extension | The SMPS shall have advanced intelligent controller with ethernet interface supporting SNMP based communication for integration with GFGNL NMS to monitor specified parameters/alarms like overvoltage, battery on load, under voltage, temperature, door opening, smoke/fire detection, mains or battery discharge, etc. SMPS will have to send all these alarms towards NOC/NMS of GFGNL. OEM will have to share MIB file for necessary integration with NMS. |
| 7. | Indications & Alarms | The SMPS shall have LEDs for status indications and visual display to show alarms for output over voltage, overload or any module failure |
| 8. | Additional rectifier modules capability | The system shall be expandable at rack level itself, using the basic modules of the same rating as per the additional equipment to be deployed in future. Selected Bidder will have to provide solution such that additional one 50 Amp rectifier module can be added in future. |
| 9. | DCDB | The system shall be provided with at least 8 Nos. of MCBs (4 nos. 16Amp MCB + 4 nos. 32Amp MCB). MCBs may be installed separately in DCDB box or as part of SMPS chassis. All the MCB units shall bear ISI mark. |
| 10. | Battery Backup | Minimum backup of 480 Minutes on initial full load |
| 11. | Battery Type | <p>a) VRLA (SMF) Battery</p> <p>b) Functional Operating Temperature Range (Charge) 0°C to 45°C & Operating temperature range (Discharge) 0 to 50°C,</p> <p>c) Proposed battery must have minimum 7 years of battery life and on site free of cost replacement warranty support for the contract tenure. Bidder will have to submit the undertaking along with test certificate confirming the life of proposed battery on its letter head duly signed and stamped by its competent authority. In case of degradation of battery performance during contract tenure, it will be in successful bidder's scope to replace the battery without any additional cost to GFGNL (i.e. batteries with lessor life is also qualified subjected to multiple replacements to meet the RFP requirement of 7 years of life, without any additional cost to GFGNL). Bidder will have to mention the no. of replacements considered in quoted bid during the contract period of 7 years. In the Past Gujarat has not seen any major power outage. Further, maintaining required cooling is also in the scope of bidder, so bidder and OEM needs to submit joint undertaking for meeting RFP requirement.</p> |

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| Sr. no | Parameters | Minimum Specifications |
|--------|-----------------------|---|
| | | d) Module charging voltage: Between -48V to -56V |
| 12. | Expected Battery life | a) Under ideal conditions i.e. moderate ambient temperature (10°C to 35°C). However, the same battery at an average temperature of 35°C in cyclic discharge application to 80% DOD (depth of discharge) will have to give min. seven (7) years of operational life. b) Depth of Discharge (DOD) is defined as the ratio of quantity of electricity (in Ampere-hour) removed from a cell or battery on discharge to its rated capacity. |
| 13. | Installation | a) Battery Bank, SMPS should be installed on a Non-corrosive stand/ or installed in separate Rack, stand/rack should be capable to withstand the load of SMPS and Battery bank. b) Battery stacking shall be done with a view to optimize floor space as per floor diagram and loading. The Contractor shall provide the necessary installation arrangements including grouting, base frames etc. c) Bidder will have to install the rack /stand & commission the SMPS & battery bank such that minimum space is occupied in telecom shelter d) However, Supply, Installation and commissioning, O&M of FDMS & OLT equipments will not be in the scope of Bidder |

12. Specifications of Porta cabin/Shelter: The specification of porta cabin is given in table below:

| Sr. no. | Parameters | Minimum Specifications |
|---------|---|--|
| 1. | Internal dimensions | Length (Depth of shelter) –3 Meter, Width – 3 Meter, Height – 2.7 Meter |
| 2. | Thickness of Inner Wall skin | >=0.8 mm percolated GI sheet |
| 3. | Thickness of Outer Wall skin | >=0.6 mm percolated GI sheet |
| 4. | Core material between inner wall skin and outer wall skin | a. 80 mm thick Poly Urethane Foam b. Density of 40kg/Cu. m. c. Thermal conductivity: < 0.02 W/m. Degree Kelvin |
| 5. | Integral projected roof | 100 mm on all four sides to give rain Protection |
| 6. | Floor Insulation | 55 mm thick PUF |
| 7. | Floor load capacity | 2000 kg/Square meter |
| 8. | Survival wind speed | At least 100 Kmph |
| 9. | Door | Insulated Metallic door, at least 920 mm X 2140 mm fitted with rubber gasket |
| 10. | Door Locks Standard | Concealed lock with sturdy handle and additional manual SS lock with minimum 3 sets of keys |
| 11. | Door Hinges | Stainless steel pickproof Hinges (3 Nos.) |
| 12. | Cable tray | a. 250 mm wide powder coated aluminum ladder type cable tray b. Thickness 2 mm |
| 13. | Others | Porta cabin shall be self-standing, self-supporting galvanized steel structure. |
| 14. | | Porta cabin roof shall be cambered to the side of the porta cabin |
| 15. | | Porta cabin shall be designed on steel channel frame and secured using foundation bolts. |
| 16. | | A 19 mm thick waterproof ply shall rest on the porta cabin floor. It shall be fire retardant, fungus proof, termite proof and anti-abrasive. |

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| 17. | Floor shall be covered with 1.8 to 2.2 mm thick Green, Blue or any other attractive color anti-static mat |
| 18. | For earthing of electronics & Electrical components, Two numbers of wall mount long copper strip/bar of dimensions length 300 mm, width 25mm, 5mm depth with M8 bolt size rounded holes and insulator in it. |
| 19. | Door rain guard to be provided above the door for smooth operations. |
| 20. | <p>Porta cabin shall have cut-outs for following:</p> <ul style="list-style-type: none"> • Fiber cable • Power cable • Air Condition inlet & outlet • Earthing cable <p>a) Fiber cable Cut-out will be made by bidder at each shelter location at spot marked by GFGNL.</p> <p>b) To avoid water seepage bidder will fix MCT module (Cable entry module) which can allow 9 fiber cable entry (cable diameter may range between 25mm to 8 mm) at each shelter location this cut out will be dedicatedly for fibre cable.</p> <p>c) Selected bidder will also have to do the Puff sealing on any open holes to avoid water seepage in to shelter.</p> |
| 21. | <p>Porta cabin shall be waterproof.</p> <p>a) At the time of acceptance testing through water showering or any other methodology as per facility available at site to ensure water proofing for all installed GFGNL shelters. Power supply needs to be shut before starting for this testing and all Equipments installed in shelter needs to be powered off.</p> |
| 22. | Porta cabin shall have adjustable anti-corrosive Aluminium access ladder. |
| 23. | The foundation shall be made of reinforced cement concrete with suitable grade to sustain entire load of porta cabin and equipment. |
| 24. | The foundation shall be designed in accordance with local rules and regulations and the municipal / concerned government authorities' guidelines to be adhered. |
| 25. | <p>a) While constructing the foundation, load bearing capacity of soil, seismic load and wind load to be accounted for. In case of roof top installation, building load bearing capacity & structural stability to be accounted for.</p> <p>b) Bidder shall have to submit the soil testing / structure stability testing report/certificate for each infrastructure location before start of work from Govt. approved agency.</p> |
| 26. | The foundation shall support the porta cabin at minimum 4 points with vertical RCC Columns having arrangement of base plate and foundation bolt to fix the porta cabin. The height of the RCC column should be between 50cm to 90cm as per site requirement to protect porta cabin from waterlogging |
| 27. | Steps required to be provided for entering to porta cabin/shelter. |
| 28. | Porta cabin shall have at least 2 no. x 20W white colour LED tube light. The porta cabin shall have adequate lighting system and safety equipment. |
| 29. | Porta cabin shall have at least 1 no. DC operated emergency light |
| 30. | Porta cabin shall have wall mounted / floor mounted ACDB (AC distribution box) with suitable MCBs and visual indication for each phase of supply. All the MCB units shall bear ISI mark. |
| 31. | Porta cabin shall have at least 2 no. x 15A adjustable AC socket with switch board for laptop / tester charging. |
| 32. | Porta cabin shall have sensors/transducers for temperature, door opening and smoke/fire detection. Necessary arrangement needs to be done to extend all these alarms to SMPS controller card so that same can be sent towards GFGNL NOC/NMS. Bidder shall have to provide the required modem/hardware to extend the |

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|-----|--|---|
| | | connectivity. |
| 33. | | Porta cabin shall be equipped with Fire extinguisher clean agent -1 nos. - 6Kg; ISI marked |
| 34. | | Porta cabin shall have acrylic based polymer coating to cover entire roof joints to provide rain shield on the porta cabin and the coating shall withstand UV rays and expansion / contraction under extreme weather condition. The construction of porta cabin will be such that water seepage must not happen in any condition. |
| 35. | | Construction of porta cabin shall be such that it can be transported in a dismantled form to the site & assembled there |

13. Specifications of Air Conditioner (AC)

| Sr. No. | Particular | Minimum Specification |
|---------|--|---|
| 1 | Total Cooling capacity | Min 2TR twin Circuit without FCU, Commercial Grade ACs. |
| 2 | Rated Voltage | 230V Single phase – 50Hz, 48VDC |
| 3 | Refringent used | R32/R410/R134 |
| 4 | Timer facility | Yes |
| 5 | Display panel | Yes |
| 6 | Mat. Type of Tube | Internally grooved Copper |
| 7 | Evaporate Air flow | Minimum 600 CFM |
| 8 | General | <ol style="list-style-type: none"> There shall be two A/Cs of equal Tr capacity at each infrastructure site. Whole unit/cabinet shall be outside the shelter/room with the requirement of at the most two cutouts in the shelter/room wall; one for supply-air & the other for return-air. Weight of the unit has to be supported on a galvanized steel stand, of requisite height as per the site condition, designed to carry the static & dynamic load of the unit continuously. The stand shall be properly grouted at site. The A/C unit shall be powder coated with 50micron thick layer |
| 9 | Supply, installation commissioning of AC | <ol style="list-style-type: none"> The unit in itself shall be weatherproof so as to safeguard the components inside. The evaporator filter shall be of washable (using water) type. Built-in thermal overload shall be provided in each A/C. Opening in which the A/C is installed should be sealed to prevent air-leakage. A/C units should be ruggedly fixed to ensure minimum vibration during operation. Manufacturer's written-down procedure should be strictly adhered to regarding vacuuming, buffering & gas charging. Interiors of the A/C equipment must be cleaned before switching it ON. Else the accumulated dust inside the A/C will spread in the room. Check the tightness of all electrical terminations before switching ON the A/C. There should be no loose nut-bolt/screw/joint in the A/C. During testing of both the A/Cs, simulate all the alarms. We should get all the alarms on the controller in auto & manual modes. Potential free contacts shall be provided to transmit each alarm. 10m of alarm-cable shall be provided and the same shall be extended to "alarm extension terminal block" within the shelter. Required electrical cabling including cabling from the nearest available electrical socket, MCB installation, piping supply & fixing of drainpipe etc. as per requirement. If manufacturer is not providing any free material along with machine, then agency will have to supply the same to successfully comply to the scope of work of this RFP. Electrical cable must be joint free and continuous.) |
| 10 | Controller requirement | <ol style="list-style-type: none"> Microprocessor type with ability of measuring ambient and shelter temperature and humidity and display through LED and alarm output. |

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| | | |
|--|--|--|
| | | <p>2. Facility to operate the A/Cs in either Auto or manual mode shall be provided. Changeover from auto to manual mode & vice-versa shall be simultaneous for both A/Cs.</p> <p>3. Temperature to be maintained inside the shelter/room shall be settable from 22°C to 30°C.</p> <p>4. In any mode (auto or manual), temperature in the shelter/room shall not vary more than +/-2°C from the set value.</p> <p>5. Only one A/C shall operate at any point of time; And the cycling of A/Cs shall happen every 6hrs.</p> <p>6. I/P power available will be 1ϕ, 230V +/-10% AC, 47.5-51.5Hz.</p> |
|--|--|--|

Warranty of Air conditioner:

1. Bidder shall have to provide 5 years + 2years extended onsite warranty of compressor unit and 1-year onsite replacement warranty of whole unit and controller against manufacturing defect. Warranty will start after successful installation & commissioning of unit at site.
2. User Manuals: Simple user-friendly operating guidance should be provided

14. Specification of Split AC Unit -For Indoor exchange Location

| Sr. No. | Particular | Specification for 2 Ton |
|---------|--|-------------------------|
| 1 | Cooling capacity | 2 Ton |
| 2 | Dehumidification | Yes |
| 3 | Remote control | Yes |
| 4 | Timer facility | Yes |
| 5 | Display panel | Yes |
| 6 | Condenser coil of main unit & outdoor unit | Copper |

1. GFGNL may ask bidder to install AC unit in pair with controller or may ask for single unit installation as per site requirement on 15% of the sites of total scope mentioned in this RFP where in indoor space will be allotted in building premises.
2. BEE Star rating (should be 4 star and above)
3. The successful bidder should emboss stickers of GFGNL /purchase order number on the material supplied & installed.
4. Product catalogue for the model quoted is to be attached with the sealed quotation.
5. GFGNL may ask bidder to install AC unit in pair with controller or may ask for single unit installation as per site requirement along with required electrical cabling till existing controller unit.
6. Controlling module with display and auto switch over facility should be installed by Bidder on location provided by GFGNL. Controller will display the room temperature and will allow to adjust the cut of time between Air conditioner units. Initial setting will be done for AC switchover once every six(6) hours.
7. Installation and commissioning of AC units (including drilling, outdoor stand installation for outdoor unit, installation of indoor & outdoor units along with controller, white cementing, required electrical cabling including cabling from the nearest available electrical socket, MCB installation (of 25 Amp), copper piping supply & fixing of drain pipe etc. as per requirement. If manufacturer is not providing any free material along with machine, then agency will have to supply the same to successfully comply to the scope of work of this RFP. Electrical cable must be joint free and continuous.)
8. The Bidder should have required tools for AC installation and shall be responsible for making power socket arrangements, MCB installation etc. Electrical cable must be joint free and continuous.

- a) The Bidder shall have to resurface and restore the civil works in case of any damage done during the execution of work at exchange.

15. Operations and Maintenance (O&M) Phase:

- a) Comprehensive operations and maintenance of all installed shelters from the date of issuance of final acceptance letter / IC memo by GFGNL (for each site) till completion of contract period (contract period will end at completion of 7 years from the date of issue of Work Order).
- b) Operations and Maintenance phase of each Telecom infrastructure site shall start from the date of issuance of final acceptance letter /IC memo by GFGNL.
- c) The bidder shall also be responsible for maintenance of the deployed entire infrastructure site including all the items / components supplied & installed until the start of O&M phase.
- d) GFGNL may award O&M work of shelters installed by other vendors (either through this RFP or other RFP) at the same terms & conditions of this RFP and same rate discovered in the bid through this RFP.
- e) Selected bidder will have to act promptly (on call response within 60 minutes & manual assistance within 4 working Hours) on receipt of instructions (by call or by SMS) from concerned officer regarding manual assistance required for rectification of alarms/faults in site.
- f) If any fraudulent activity by the personnel deployed for maintenance activities will be detected by GFGNL authorized personnel/officer, then the bidder is liable to pay penalty i.e. the cost of consequential damages to installation(s) would be deducted at actual, from the bidder's bill.
- g) Selected bidder will be a guardian of the telecom infrastructure site.
- h) Selected bidder will have to collect the Electricity bills from site and handing over the same to the site in charge of GFGNL in time.
- i) Bidder should have to do the proactive first line maintenance as per the schedule and replace the faulty battery, Power plant, AC & any other electronic device installed in the shelter.
- j) Selected bidder will have to carry out any other miscellaneous work related to the Telecom infrastructure site maintenance, assigned by the concerned GFGNL Officer
- k) Adherence to guidelines and procedures laid down by GFGNL for maintenance.
- l) Selected Bidder will also have to maintain the fire extinguisher in working condition during the entire contract period.
- m) Selected Bidder will have to do the shifting of shelter Infrastructure site (including all the items supplied & installed under the SoW of this RFP) from one location to other within same taluka if need arises in future for same & instructed by GFGNL. Shifting scope may vary up to 10% of total scope awarded.
- n) GFGNL, at its discretion, may extend the O&M phase for one (1) more year, after completion of Seven (7) years, at the same rate as quoted in the bid.
- o) **Upkeep of Power plant equipment:**
The contractor will do proper upkeep at least once in a month at each station which will consist (but not limited to) of the following:
 1. Testing of Auto changeover of SMRs (Switch Mode Rectifier).
 2. Checking of current setting as per load.
 3. Checking of input & output voltages and recording the same as per format given in the maintenance manual/ format provided by GFGNL
 4. Checking of extension and reporting of alarms to NMS, whenever & wherever provided by the tenderer.
 5. Checking of proper connection of input and load cables and on cables from where distribution provided.

6. Any other assignment as felt necessary during the O&M phase.

p) **Upkeep of Battery Set:**

1. Checking and recording of individual cell voltages as per format given in the maintenance manual/ format provided by GFGNL
2. Cells whose voltages/conductance is found to be below prescribed value should be noted and replaced as per GFGNL's Engineer advise.
3. Checking of battery voltages at equipment end.
4. Checking of proper connection of load cables including tightening of bolts.
5. Cleanliness of battery cells and bank.
6. Checking of sulfation /physical damage
7. Any other assignment as felt necessary during the O&M phase.

q) **Upkeep of Air Conditioners:**

1. Function checking, necessary adjustments, filter checking/cleaning, servicing etc. of AC and change over unit at least once in three months' time (if required more frequently)
2. In case of malfunction of AC machine, change over unit, corrective measures have to take to attend/rectify the failures.
3. Any Air Conditioner machine or its spare parts taken for repairing/ replacement should be returned reinstalled by the AC mechanic.
4. Certified Engg. from OEM should attend it as warranty may become void if any other technician repairs it.
5. The full functioning of change over unit, wherever provided, should be checked once in a quarter. Bidder has to ensure temperature inside Telecom shelter from 22°C to 30°C
6. A history register is to be maintained to keep record of repair/repairable spares, schedule breakdown details etc.

r) **Upkeep of Shelters:** The contractor will do the proper upkeep of shelter once in three months which will consists (but not limited to) of the following:

1. Checking of leakage of water and repairing of the same.
2. Tightening the nut & bolt of the shelters, if required.
3. Minor repair of shelter.
4. Checking of condition of doors & locking arrangements
5. General cleanliness of shelter.
6. Any other assignment as felt necessary during the O&M phase.

s) **Upkeep of Earthing:** The contractor will do the following activities as per schedule given below:

1. Watering of the earth pits on every visit (at least once in a month).
2. Checking of the physical connections at equipment ends.
3. Tightening of nut/bolts once in a quarter.
4. Measurement of earth resistance once in six months under supervision of GFGNL Engineer. At least one measurement shall be done during peak summer & measure the desired value as mentioned in the RFP.

16. Terms & Conditions:

1. Selected agency shall apply for Electricity meter in name of GFGNL to the concerned electricity provider and shall take follow up until the connection is provided. Delay on account of electricity connection time will be exempted from delay penalty.
2. GFGNL will pay electricity bill as per actuals post installation.

3. Selected agency shall have to do the location marking jointly with GFGNL at Govt. Premises before starting the work.
4. Selected agency will have to showcase first porta cabin infrastructure at proposed location as prototype and get GFGNL team's approval before proceeding for other locations.
5. Selected Agency will have to do the necessary changes as suggested by GFGNL team in the prototype site and then only proceed for further locations.
6. Selected agency shall make arrangements to install the meter nearby the porta cabin with necessary accessories in weather proofing Box.
7. QA/QC certificate from the respective OEM for the Battery, Powerplant, AC has to be provided by bidder for the deployed product at site. This is sufficient as far as AT is concern.
8. Bidder is required to quote one make & model for each line item.
9. OEM shall ensure that all equipment/components/sub- components being supplied by them shall be supported for entire contract period. If the same is de-supported by the OEM for any reason whatsoever, The bidder shall replace it with an equivalent or better substitute that is acceptable to Tenderer without any additional cost to the Tenderer and without impacting the performance of the solution in any manner whatsoever.
10. Post award of work order, for any reason, if OEM fails to supply or doesn't support, then permission will be given to replace it with an equivalent or better substitute, which conforms to the specifications as in current RFP - subject to such product being acceptable to the Tenderer without any additional cost to the Tenderer and without impacting the performance of the solution and time line of the Project in any manner whatsoever subject to levy of a penalty of 1% of the of the Capex cost of pending work (subject to discretion of MD, GFGNL).
11. Bidder have to take care of all safety precaution (barricading while constructing foundation, infra.) installation and commissioning at each infrastructure site.
12. All safety equipment required for installation and commissioning shall be provided by the bidder.
13. Selected agency shall supply and install ISI mark electrical cables(Preferable make: Finolex, Polycab, RR Kabel, Havells) as per load required for interconnection between different electrical components (including but not limited to) i.e. SMPS, Meter box, battery bank, AC and till power panel of all racks to enable PIA teams to install the proposed electronics devices.
14. Electronic Equipments installed by GFGNL will run on -48 VDC.
15. Bidder will have to use ISO standard compliant Electrical cables.
16. Samples of all prefabricated panels and other fitments will be provided and approved before commencement of the work
17. Selected agency will also have to construct minimum 2 earthing pits each for earthing of electrical & electronic equipment's per site near to shelter connected in grid with plate earthing. Dimension of earthing plate should be minimum 600 mm * 600 mm * 5 mm. Both earthing pits will be connected in grid. There will be 2 such separate grids (total 4 earthing pits) for electrical & electronic equipment's.
18. All Earthing system elements (Like earthing plate, earthing strip etc.) should be of copper for electronic earthing. & same should be of GI for electrical earthing. Two Earthing pits for Electronics with copper plate & Two earthing pits for Electrical Earthing with GI plate needs to be constructed.
19. Earthing value should be ≤ 0.5 Ohm for electronics equipments & ≤ 5 Ohm for electrical equipments
20. GFGNL will only have the rights to install any additional rack (as per space feasibility), any additional equipment inside existing rack, laying & installation of any additional optical fibre cable through its vendors/contractors. GFGNL will also have rights to allow any 3rd party organization to install its rack, its equipment inside GFGNL's rack and laying & installation of optical fibre cable within shelter / porta cabin. Non-discriminatory access including leasing of dark fibres shall be provided to Service Providers. If required, selected bidder will be informed 24 hours prior for any such Third-party activity.

21. The rates quoted by the bidder shall include transportation, loading/unloading and labour charges for all scope of work mentioned in this RFP. No additional payment other than what has been quoted for in the tender shall be payable to the selected bidder under any circumstances.
22. Bidder shall have to print the name of the tenderer and /or logo on each Porta cabin/Shelter at each infrastructure site.
23. Time for completion of the work for one site shall be 90 calendar days from the date of intimation to the selected agency/bidder. An intimation to start work (from GFGNL to selected bidder) will contain a list of site(s) for which selected bidder will have to start implementation work in parallel. Delay penalty will be applicable for all those sites where work will not be completed within 90 calendar days.
24. Bidder shall have to provide onsite support within 24 hours of intimation given by GFGNL on call/e-mail for any issues
25. Date of completion shall be the date on which completion certificate is issued to the agency by GFGNL which shall only be done after rectification of defects, if any pointed out by the GFGNL representative to the selected bidder / his contractor / his representative.
26. Post award of Work order for respective infrastructure site, GFGNL will do acceptance post completion of work by successful bidder at site. Post AT clearance acceptance Memo will be issued by GFGNL. Post that it will be handed over to GFGNL. GFGNL will align for acceptance within 72 hours post offer of AT for infrastructure site by selected Bidder
27. Machinery, equipment, implements, material and consumables proposed to be used to fulfill the scope of work of this RFP should be clearly indicated and will be selected bidder's responsibility.
28. All accessories required for porta cabin as per scope of work of this RFP needs to be supplied.
29. 1 manual each of all electrical equipment's will be provided per site mentioning process for installation and commissioning of equipment including configuration, operational procedure for preventive & reactive maintenance and do's & don'ts.
30. As per labour law of Government of India, labour license and other liabilities are sole responsibility of the bidder and GFGNL will not be responsible for any labour law liabilities
31. In case of physical damage done to shelter/Porta cabin or any other infrastructure components post installation and commissioning at any infrastructure location; Bidder shall have to support for restoration. GFGNL will pay for same as per actuals.
32. Bidder should meet the following Support requirement :
33. Telephonic Support : 24*7
Response Time for incident : Onsite Resolution within 24 Hours
34. Rate quoted for Annexure- VII, Table – 1.1 (Charges for Implementation Phase) in Financial bid will be valid for 2 years.

17. Bill of Quantities (BoQ): (To be Signed and submitted by the agency on their letter head)

| Sr. No. | Item Description | UOM | QTY | Make & Model Number |
|---------|---|------|-----|---------------------|
| 1. | Supply, installation, testing & commissioning of Porta cabin with all accessories Type 1 : Length –3 Meter, Width – 3 Meter, Height – 2.7 Meter | Nos. | 300 | |
| 2. | Supply, installation, testing & commissioning of Switch Mode Power Supply (SMPS) without rectifier modules with 5 years + 2yrs extended onsite replacement warranty | Nos. | 300 | |
| 3. | Rectifier modules of 50 Amp capacity with 5 years + 2years extended onsite replacement Warranty | Nos | 900 | |

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| Sr. No. | Item Description | UOM | QTY | Make & Model Number |
|---------|---|------|--|---------------------|
| 4. | Supply, installation, testing & commissioning of 1 set of Battery bank (Capacity: 600 AH for VRLA batteries) with 5 years + 2years extended onsite replacement warranty | Nos. | 300 | |
| 5. | Supply, installation, testing & commissioning 2TR twin Circuit without FCU, Commercial Grade ACs with 5 years + 2years extended Onsite replacement warranty for Compressor and One Year onsite replacement warranty for entire Unit | Nos. | As per bidder's plan (Refer additional note in Financial bid format) | |
| 6. | Supply, installation, testing & commissioning of Split AC Unit, 2 ton | Nos. | | |
| 7. | Supply, installation, testing & commissioning of Split AC controller Module. | Nos. | | |
| 8. | Services - Civil Work, Earthing Pits with all required material, consumable, accessories, etc., to successfully commission the site. | Nos. | 300 | |
| 9. | Services - Electrical work with all required material, consumable, accessories, cables etc., to successfully commission the site. | Nos. | 300 | |
| 10. | Comprehensive maintenance of entire Porta cabin- Infrastructure site for contract period | Nos. | 300 | |

Note: This is indicative BoQ. The quantity mentioned above for all line items is notional for evaluation purpose only. However, actual order quantity may vary during the contract tenure depending upon the actual requirement of GFGNL

18. Selection of bidders & Allotment of work: Selection Process of Bidder shall be on L1 (Least cost bid) basis and as per the following criteria:

- Any type of escalation of the discovered rates during the contract tenure is not permitted, further successful bidder denying serving the contract due to rate escalation may liable for contract termination, forfeiture of Bank Guarantee and Blacklisting from doing work with TENDERER in future. Post award of work, GFGNL has the right to alter the quantity of allotment to the bidders, based on the merits of situation like timeline/urgency of delivery and installation, adherence to guidelines provided/standards of RFP, approval/acceptance on works performed by selected bidder by GFGNL or its appointed agency, etc.
- Evaluation of bids shall be done on Least Cost/Lowest Cost (L1) criteria. L1 will be the lowest sum Total of column "C0" in financial bid table 1.1 + "C1" in financial bid table 1.2 as per Annexure – VII.
- Orders will be placed on the L1 bidder **for 45% of Quantity.**
- Time is an essence for this project if the L2 bidder matches the L1 Price, orders will be placed on the L2 bidder **for 30% of Quantity.** If L2 doesn't match L1 Price, L3 will be given the opportunity to match the L1 Price and henceforth until one of the bidders matches the L1 price. If none of the L2 - Ln (where n is the number of bids) match the L1 Price, then L1 bidder will supply the entire quantity.
- If the La+1 (where 'La' represents the second successful bidder, who has matched the L1 price & got 30% of quantity as mentioned above) matches the L1 Price, orders will be placed on the La+1 bidder **for 25% of Quantity.** If La+1 does not match L1 Price, La+2 will be given the opportunity to match the L1 Price and henceforth until one of the bidders matches the L1 price. If none of the La+1 to La+Ln (where n is the number of bids) match the L1 Price, then the remaining quantity will be distributed across L1 and La bidders equally.

6. Bidders (La and La+1) agreeing to match the L1 price quoted by lowest bidder needs to submit undertaking on his company letter head duly signed by competent authority with company seal confirming the same.
7. Bidders who is not having office in Gujarat have to submit an Undertaking along with Bid for opening up an office within 45 days from the date of award of work order from GFGNL.
8. GFGNL will keep issuing intimation orders to selected bidder(s) with list of sites for all those locations where land availability & other clearances will be available. So, there will be multiple intimation orders to all selected bidder(s) as per GFGNL's requirement within 2 years of rate validity.

19. Terms of payment

1. Installation charges will be paid after satisfactory installation & commissioning of porta cabin with mentioned Equipment's in BoQ post certified by GFGNL
2. payments will be made within 30 days from the date of submission of final tax invoice along with report accepted by GFGNL.

| Sr. No | Delivery Milestone | Payment |
|--------|---|--|
| 1 | Successful installation & commissioning of infrastructure site with all equipment's and submission of Conditional acceptance report from GFGNL | 70% CAPEX value of total work value for 1 porta cabin with Infrastructure as mentioned in intimation / order |
| 2 | After 3 months of Successful installation & commissioning of infrastructure site with all equipment's along with clearance of punch points whichever is later & submission of Final acceptance report from GFGNL. | 30% CAPEX value of total work value for 1 porta cabin with Infrastructure as mentioned in intimation / order |
| 3 | Comprehensive Maintenance of infrastructure site from the date of issuance of Final acceptance report by GFGNL till the end of contract period. | Quoted comprehensive maintenance cost for 1 porta cabin infrastructure site for 1 quarter shall be paid Quarterly for all eligible sites in that quarter till the end of Contract. |

3. No payment will be admissible for goods rejected.
4. Comprehensive maintenance cost for 1 porta cabin infrastructure site for 1 quarter will be calculated as (Amount Quoted in Annexure VII, financial bid table 1.2 column E / 28). For partial O&M period for any site in a quarter, 90 days will be considered in a quarter for the purpose of calculating prorated O&M amount for running 1st quarter of O&M for any completed site.
5. Actual will be paid based on number of porta cabins/Shelters with infrastructure installed post certification by GFGNL.
6. Payment process will be initiated for all accepted sites (sites completed within 90 calendar days & accepted by GFGNL) out of total sites included in the intimation / order upon acceptance by GFGNL.
7. payments shall be released after certification of delivery and installation by GFGNL or its appointed agency.
8. All payments shall be made in Indian rupees only (INR) through Cheque/RTGS.
9. Payment shall be released against the invoices raised by supplier on providing all relevant documents timely, including acceptance testing report duly signed and approved by GFGNL /TPA authorized agency of GFGNL and are complete in all respect and subsequent approval.
10. The taxes shall be mentioned separately and will be applicable as actual as per the time of billing. All invoices should be raised from Gujarat.

20. Penalty

1. GFGNL's decision to impose penalty and the assessed amount there on shall be final and binding on the selected agency.
2. GFGNL's decision to impose penalty and the assessed amount there on shall be final and binding on the selected agency. Total penalty including penalty for Installation & Commissioning phase + penalty for O&M phase shall not be exceeding 20% of the total contracted value.
i.e. sum total value mentioned in column F of table 1.1 (CO) + sum total value mentioned in column F of table 1.2 (C1=Total O&M cost) of financial bid.
3. Penalty exceeding 20% will be a good ground for termination of contract.
4. For maintenance phase uptime calculation, uptime report from GFGNL NMS will be considered as final. If there is any issue faced in fetching % uptime details from NMS, then details reported by GFGNL officials from site would be considered final.

| Sr. No | Milestone/Phase | Particulars | Penalty Amount (INR) |
|--------|------------------------------|---|----------------------|
| 1 | Installation & Commissioning | Delay of each calendar day after 90 calendar days (from the date of intimation/Order) in completion of work | 2000 Per Day |

Maintenance phase:-

| Sr. No | Maintenance phase | Measurement | Particulars | Amount (INR) |
|--------|---|-----------------------------|---|---|
| 1 | Delay in support | As mentioned in example | Any Delay in on Site support with return and Replacement > than 24 hours, calendar days will be considered for Maintenance phase | 2000 Per Day |
| 2. | Maintenance Activity | Maintenance activity Record | The Bidder shall also maintain a consolidated record of the maintenance activities carried, a copy of which along with performance reports from field unit is to be submitted along with the invoice for payment on a quarterly basis | Non-Submission of Maintenance records may lead to 5% penalty of quarterly submitted invoice value. |
| 3 | Up-time of Telecom infrastructure Sites | 99% | Upon breach of target SLA | <ul style="list-style-type: none"> • No Penalty- up to 99% uptime. • For Below 99% Uptime payment shall be made as quarterly maintenance charges multiplied by percentage of quarterly uptime. • For Uptime, Report from GFGNL NMS or Field report |

| | | | | |
|--|--|--|--|---|
| | | | | <p>from GFGNL officials shall be considered final.</p> <ul style="list-style-type: none"> • GFGNL NMS system is already having reason wise SLA calculation process & reporting system. Selected bidder will only be penalized for the reasons where he is responsible. |
|--|--|--|--|---|

Note: For maintenance phase, penalty calculation will be done as per below example.

- For the incident for which GFGNL personal provided intimation to selected bidder through phone / e-mail at 3 pm on X day, then bidder will have time to extend on-site support till EoD of next day (i.e. X+1). EoD will be considered as 6 pm as per IST. Calendar days will be considered without consideration of any government holiday / any other holiday pertaining to any festival / event.
- For Maintenance phase Report & Uptime Penalty will be calculated as below:
Ex. Suppose bidder has raised a quarterly invoice of Rs.100. If bidder has not submitted the maintenance activity reports with the invoice & Average Uptime of sites for which invoice is submitted is 97% than Amount payable will be $(100 - (100*5\%) - (100*3\%)) = \text{Rs. } 92$

21. Warranty

1. As mentioned in BoQ and other related clauses.
2. Bidder should also have to provide the Spoke person from his end as well as contact details of all OEMs along with escalation matrix to GFGNL
3. Warranty start date shall be the date of infrastructure site commissioned & accepted by GFGNL.

22. Delivery

1. Quoted price must include expenses for transportation, loading & unloading and packing & unpacking at sites.
2. Non-availability of the stock should be informed in writing immediately.
3. No part-supply will be allowed.
4. Defective items or items not as per given brands, make & model as quoted, if any supplied must be taken back and be replaced with no additional cost

23. Taxes

The quoted offer should be exclusive of Taxes. Taxes shall be paid extra on actual, as applicable. The taxes prevailing at the time of raising the invoice shall be paid. GFGNL shall deduct appropriate tax as applicable at source from the payment against the delivery & services and corresponding TDS certificate shall be issued. All invoices should be raised from Gujarat.

24. Insurance

The Goods supplied under this Contract shall be fully insured by the bidder, against any loss or damage at the Tenderer's designated location. the insurance taken should cover risks such as flood, theft, fire, earthquake and cyclone (for wind speeds greater than 80 kmph). The bidder shall submit to the GFGNL, certificate of insurance issued by the insurance company, indicating that such insurances have been taken against entire solution & certificate has to be submitted by bidder to GFGNL. Bidder shall be designated as

the 'loss payee' in such insurance policies; SI shall be liable to pay premium for the insurance policy & shall ensure that each & every policy shall keep updated from time to time till end of contract period. In case of delayed procurement of insurance from selected bidder, all responsibilities of all supplied and/or installed equipments will be on bidder before taking the insurance.

The Bidder shall bear all the statutory levies like customs, insurance, freight, etc. applicable on the goods during their shipment from respective manufacturing/shipment site of the OEM to the port of landing.

All charges like transportation charges, octroi, etc. that may be applicable till the goods are delivered at the respective site of installation shall also be borne by the bidder.

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 obligations under this Contract (ii)the bidder s' assets and property used in the performance of the Services

25. Transfer of Ownership

1. The bidder must transfer all titles to the assets and goods procured for the purpose of the project to the Tenderer upon Acceptance of each Infrastructure site.
2. The asset(s) so created shall be a National Asset fully owned by the Government of India and held on its behalf by GFGNL.

26. Annexures & Check list

26.1. Bid Document checklist

| # | Documents to be submitted | Submitted (Y / N) | Documentary Proof (Page No.) |
|-------------------------|--|-------------------|------------------------------|
| Qualification Criteria | | | |
| 1. | Demand Draft as bid processing fee | | |
| 2. | EMD as Bid Security (DD/ BG as per Annexure V) | | |
| Technical Qualification | | | |
| 3. | Cover Letter (Annexure I) | | |
| 4. | Bidder's information sheet (Annexure II) | | |
| 5. | Enclose copy of Certificate of Incorporation/ Registration Certificate of the firm/ Shop & establishment certificate | | |
| 6. | Proof of office (electricity bill/ lease agreement) | | |
| 7. | Bidder should submit a certificate from the statutory auditors clearly mentioning the monitory net worth for last 3 years (2017-18, 2018-19 & 2019-20) | | |
| 8. | Copy of Certificate from the Statutory auditor / CA clearly specifying the annual turnover for the specified years (2017-18, 2018-19 & 2019-20). For 2019-20, if | | |

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| | | | |
|--------------------|---|--|--|
| | finally published results are not available, provisional turn over details with CA certificate. | | |
| 9. | Copy of Purchase order (received by OEM from different buyer) or undertaking on Shelter OEM's letter head mentioning PO number, PO date, Quantity Supplied & company name to whom Shelters supplied | | |
| 10. | Undertaking on Shelter OEM's Letterhead of supply made within 5 years from submission of Bid clearly mentioning the quantity (if PO date is older than 5 years | | |
| 11. | Manufacturers Authorization form" (MAF) issued by the OEM authorizing the bidder to supply & install the equipments. | | |
| 12. | Acknowledgement/ Copies of Income tax refund (ITR) filed for last three financial years i.e. 2017-18 2018-19& 2019-20 | | |
| 13. | Copy of Certificate of Registration /Copy of certificate of incorporation / partnership deed (if applicable) | | |
| 14. | Copy of valid GST registration | | |
| 15. | Copy of valid PAN card | | |
| 16. | Undertaking by the bidder for not being barred by any State/ Central Government/PSU (Annexure III) | | |
| 17. | Self-Certification on PMA By Bidder and OEM (Annexure IX) | | |
| 18. | Self-Certification by Bidder and OEM (Annexure X) | | |
| Financial Proposal | | | |
| 19. | Commercials bid (Annexure VII) | | |

26.2. Annexure I: Cover Letter

(To be Signed and submitted by the agency on their letter head)

To
 Chief Finance Officer (CFO)
 Gujarat Fibre Grid Network Limited (GFGNL),
 Block No: 6, 5th Floor,
 Udyog Bhavan,
 Sector-11, Gandhinagar -382010

Sir,

I have carefully gone through the Terms & Conditions contained in "**Request for Proposal (RFP) for selection of Agency Supply, Installation, Commissioning and Operations & Maintenance of Telecom Shelter for a period of 7 years across the state of Gujarat for BharatNet Phase II Project, on behalf of GFGNL, DST, Govt. of Gujarat**" declare that all the provisions mentioned in the RFP document are acceptable to my Company.

I/We agree for unconditional acceptance of all the terms and conditions set out in the RFP document (and subsequent clarification/corrigendum, if any) document. I/we agree that you are not bound to accept any RFP response you may receive. We also agree that you reserve the right in absolute sense to reject all or any of the products/ services specified in the RFP response.

Request for Proposal (RFP) for selection of Agency for Supply, Installation, Commissioning and Operations & Maintenance of Telecom Shelter for a period of 7 years across the state of Gujarat for BharatNet Phase II Project

I/We fully understand and agree to comply that on verification, if any of the information provided here is found to be misleading the selection process, we are liable to be dismissed from the selection process or termination of the contract during the project, if selected to do so.

I further certify that I am an authorized signatory of my company and am, therefore, competent to make this declaration

Yours Truly,

Name: _____

Designation: _____

Company: _____

Address: _____

Seal:

26.3. Annexure II: Bidder Information Sheet

(To be Signed and submitted by the agency on their letter head)

| S No | Particulars to be provided | Responding Firm's / Company Details to be provided | |
|--|---|--|--------------|
| Basic details | | | |
| | Name of the Bidder | | |
| | Correspondence details of the Bidder: | Corporate Office | Local Office |
| | Telephone No & Email Address | | |
| | Contact person details (Name, Designation Contact number etc.), to whom all references shall be made regarding this RFP | | |
| | Details of ownership (Name and Address of the Board of Director, Partners etc.) | | |
| | Name of the authorized Signatory who is authorized to sign all the relevant documents | | |
| | Annual Turnover for last three years (INR Lakhs) | 2017-18 | |
| | | 2018-19 | |
| | | 2019-20 | |
| | Net worth (INR Lakhs) | 2017-18 | |
| | | 2018-19 | |
| | | 2019-20 | |
| | Address of office in Ahmedabad/ Gandhinagar (if any) | | |
| Details for registration under Companies Act, 1956 | | | |
| | Registration Number of the Bidder in case of company/LLP | | |
| | Place of registration | | |
| | Date of registration | | |
| | Product/service for which firm is Registered | | |
| | Validity Period, if applicable | | |
| Details for registration with appropriate authorities | | | |
| | GST registration details (Registration number and details) | | |
| | PAN No | | |

Authorized Signatory

Seal of the Company

Name & Designation

Date

Request for Proposal (RFP) for selection of Agency for Supply, Installation, Commissioning and Operations & Maintenance of Telecom Shelter for a period of 7 years across the state of Gujarat for BharatNet Phase II Project

26.4. Annexure III: Self-declaration -Undertaking of not being barred by any State/ Central Government/PSU

(To be submitted by agency on their letterheads)

To
Chief Finance Officer (CFO)
Gujarat Fibre Grid Network Limited (GFGNL),
Block No: 6, 5th Floor,
Udyog Bhavan,
Sector-11, Gandhinagar -382010

Sir,

In response to the **“Request for Proposal (RFP) for selection of Agency for Supply, Installation, Commissioning and Operations & Maintenance of Telecom Shelter for a period of 7 years across the state of Gujarat for BharatNet Phase II Project, on behalf of GFGNL, DST, Govt. of Gujarat”** as an Owner/Partner/Director of _____, I/We hereby declare that presently our Company/Firm _____ not have been barred from participating in any tender/ providing services/procurement process or supply of materials by an organization/department/office/ PSU/ board or corporation of either Government of India or any state government.

I further certify that I am an authorized signatory of my company and am, therefore, competent to make this declaration

Yours Truly,

Name: _____
Designation: _____
Company: _____
Address: _____
Seal:

26.5. Annexure V: Format for Bank Guarantee for Earnest Money Deposit (EMD)

To

Dated:

.....
.....
.....
.....

Whereas ----- (here in after called "the Bidder") has submitted its bid dated ----- in response to the in **“Request for Proposal (RFP) for selection of Agency for Supply, Installation, Commissioning and Operations & Maintenance of Telecom Shelter for a period of 7 years across the state of Gujarat for BharatNet Phase II Project, on behalf of GFGNL, DST, Govt. of Gujarat”** KNOW ALL MEN by these presents that WE ----- having our registered office at ----- (hereinafter called "the Bank") are bound unto the _____, Gujarat Fibre Grid Network Limited in the sum of ----- for which payment well and truly to be made Gujarat Fibre Grid Network Limited , the Bank binds itself, its successors and assigns by these presents. Sealed with the Common Seal of the said Bank this -----day of ----- 2020.

THE CONDITIONS of this obligation are:

The EMD may be forfeited, In case of a Bidder if:

- 1) The bidder withdraws its bid during the period of bid validity.
 - a. The Bidder does not respond to requests for clarification of their Bid.
 - b. The Bidder fails to co-operate in the Bid evaluation process.
 - c. The bidder, fails to furnish Performance Bank Guarantee in time.
- 2) The bidder fails to Sign the contract in accordance with this RFP
- 3) The bidder is found to be involved in fraudulent and corrupt practices

We undertake to pay to the GFGNL up to the above amount upon receipt of its first written demand, without GFGNL having to substantiate its demand, provided that in its demand GFGNL will specify that the amount claimed by it is due to it owing to the occurrence of any of the above-mentioned conditions, specifying the occurred condition or conditions.

This guarantee will remain valid up to 180 days from the last date of bid submission. The Bank undertakes not to revoke this guarantee during its currency without previous consent of the GFGNL and further agrees that the guarantee herein contained shall continue to be enforceable till the GFGNL discharges this guarantee

The Bank shall not be released of its obligations under these presents by any exercise by the GFGNL of its liability with reference to the matters aforesaid or any of them or by reason or any other acts of omission or commission on the part of the GFGNL or any other indulgence shown by the GFGNL or by any other matter or things.

The Bank also agree that the GFGNL at its option shall be entitled to enforce this Guarantee against the Bank as a Principal Debtor, in the first instance without proceeding against the BIDDER and not withstanding any security or other guarantee that the GFGNL may have in relation to the BIDDER's liabilities.

Dated at _____ on this _____ day of _____ 2020.

Signed and delivered by

For & on Behalf of

Request for Proposal (RFP) for selection of Agency for Supply, Installation, Commissioning and Operations & Maintenance of Telecom Shelter for a period of 7 years across the state of Gujarat for BharatNet Phase II Project

Name of the Bank & Branch &
Its official Address with seal

Approved Bank: Guarantee issued by following banks will be accepted as SD or EMD on permanent basis

1. All Nationalized banks including the Public sector banks - IDBI Ltd.
2. Private sector banks - AXIS Bank, ICICI Bank and HDFC Bank

26.6. Annexure VI: Bank Guarantee for Performance Bank Guarantee (PBG)

(To be typed on non-judicial stamp paper)

In consideration of the _____, _____ having agreed to exempt _____ (hereinafter called 'the said agency') from the demand under the terms & conditions of an agreement/ Advance Work Order No _____ dated _____ made between _____ and _____ for the **“Request for Proposal (RFP) for selection of Agency for Supply, Installation, Commissioning and Operations & Maintenance of Telecom Shelter for a period of 7 years across the state of Gujarat for BharatNet Phase II Project, on behalf of GFGNL, DST, Govt. of Gujarat”** hereinafter called "the said Contract"), of security deposit for the due fulfilment by the said agency of the terms & conditions contained in the said Contract, on production of the bank guarantee for _____ we, (name of the bank) _____ (hereinafter refer to as "the bank") at the request of _____ (agency) do hereby undertake to pay to the State/SIA an amount not exceeding _____ against any loss or damage caused to or suffered or would be caused to or suffered by GFGNL by reason of any breach by the said agency of any of the terms & conditions contained in the said Contract.

We (name of the bank) _____ do hereby undertake to pay the amounts due and payable under this guarantee without any demure, merely on a demand from the State/SIA by reason of breach by the said agency' of any of the terms & conditions contained in the said Contract or by reason of the agency' failure to perform the said Contract. Any such demand made on the bank shall be conclusive as regards the amount due and payable by the Bank under this guarantee where the decision of State/SIA in these counts shall be final and binding on the bank. However, our liability under this guarantee shall be restricted to an amount not exceeding _____.

We undertake to pay to the GFGNL any money so demanded notwithstanding any dispute or disputes raised by the agency in any suit or proceeding pending before any court or tribunal relating thereto our liability under this present being absolute and unequivocal. The payment so made by us under this bond shall be valid discharge of our liability for payment there under and the agency shall have no claim against us for making such payment.

We (name of the bank) _____ further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said Contract and that it shall continue to be enforceable till all the dues of the State/SIA under or by virtue of the said Contract have been fully paid and its claims satisfied or discharged or till GFGNL certifies that the terms & conditions of the said Contract have been fully or properly carried out by the said agency and accordingly discharges this guarantee. Unless a demand or claim under this guarantee is made on us in writing on or before ____ (expiry date of PBG) ____ (as specified in Work Order) from the date hereof, we shall be discharged from all liabilities under this guarantee thereafter.

Request for Proposal (RFP) for selection of Agency for Supply, Installation, Commissioning and Operations & Maintenance of Telecom Shelter for a period of 7 years across the state of Gujarat for BharatNet Phase II Project

We (name of the bank)_____ further agree with the GFGNL that the State/SIA shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms & conditions of the said Contractor to extend time of performance by the said agency from time to time or to postpone for any time or from time to time any of the powers exercisable by the GFGNL against the said agency and to forbear or enforce any of the terms & conditions relating to the said Contract and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said agency or for any forbearance, act or omission on the part of the GFGNL or any indulgence by the GFGNL to the said agency or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.

This guarantee shall not be discharged due to the change in the constitution of the Bank or the agency.

We (name of the bank) _____ lastly undertake not to revoke this guarantee during its currency except with the previous consent of the GFGNL in writing.

Place:

Date:

(Signature of the Bank Officer)

Rubber stamp of the bank:

Authorized Power of Attorney Number:

Name of the Bank officer:

Designation:

Complete Postal address of Bank:

Telephone Numbers

Fax numbers.....

Approved Bank: Guarantee issued by following banks will be accepted as SD or EMD on permanent basis

1. All Nationalized banks including the Public sector banks - IDBI Ltd.
2. Private sector banks - AXIS Bank, ICICI Bank and HDFC Bank

26.7. Annexure VII: Financial Bid Format

Bidder should quote firm rates for the entire Scope of Work, Function and Technical Requirements mentioned in the Tender Document including cost of all accessories, active-passive cabling, installation, commissioning, warranty, support & Maintenance.

Table – 1.1 Charges for Implementation Phase

| S/N | Description | UOM | Qty | Unit Rate (W/o Tax) | Total Amount (W/o Tax) (Rs.) | Rate of Tax (%) |
|----------------------------------|---|------|-----|------------------------|---------------------------------------|--------------------------|
| A | B | C | D | E | F= D x E | G |
| 1) Infrastructure Site | | | | | | |
| 1.1 | Supply, installation, testing & commissioning of Porta cabin with all accessories-Length –3 Meter, Width – 3 Meter, Height – 2.7 Meter | Nos. | 300 | | | |
| 1.2 | Supply, installation, testing & commissioning of Switch Mode Power Supply (SMPS) without rectifier modules with 5 years + 2years of extended onsite replacement warranty | Nos. | 300 | | | |
| 1.3 | Rectifier modules of 50 Amp capacity with 5 years + 2years of extended onsite replacement warranty. | Nos. | 900 | | | |
| 1.4 | Supply, installation, testing & commissioning of 1 set of Battery bank (Capacity: 600 AH for VRLA batteries) with 5 years + 2years extended onsite replacement warranty | Nos. | 300 | | | |
| 1.5 | Supply, installation, testing & commissioning 2TR twin Circuit without FCU, Commercial Grade ACs with 5 years + 2years extended Onsite replacement warranty for Compressor and One Year onsite replacement warranty for entire Unit | Nos. | | | | |
| 1.6 | Supply, installation, testing & commissioning of Split AC Unit, 2 ton - BEE Star rating (should be 4 star and above) with 5 years + 2years extended Onsite replacement warranty for Compressor and One Year onsite replacement warranty for entire Unit | Nos. | | | | |
| 1.7 | Supply, installation, testing & commissioning of Split AC controller Module with 5 years + 2years of extended onsite replacement warranty. | Nos. | | | | |
| 1.8 | Services - Civil Work, Earthing Pits with all required material, consumable, accessories, etc., to successfully commission the site. | Nos. | 300 | | | |
| 1.9 | Services - Electrical work with all required material, consumable, accessories, cables etc., to successfully commission the site. | Nos. | 300 | | | |
| Total (CO – Capex in INR) | | | | | | ----- |

Table – 1.2 Charges for O&M Phase

| S/N | Description | UOM | Qty | Unit Rate (W/o Tax) | Total O&M cost (W/o Tax) (Rs.) | Rate of Tax (%) |
|---------------------------------|--|------|-----|---------------------|--------------------------------|-----------------|
| A | B | C | D | E | F= D x E | G |
| 1 | Comprehensive Charges for O&M of 1 Nos. of Infrastructure site for 7 Years. | Nos. | 300 | | | |
| 2 | Shifting of shelter Infrastructure site (including all the items supplied & installed under the SoW of this RFP) from one location to other within same taluka | Nos. | 30 | | | |
| Total (C1 – Opex in INR) | | | | | | |

Note:

- 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.
- For financial evaluation, Price excluding Tax shall be taken into consideration
- The taxes shall be mentioned separately and will be applicable as actual as per the time of billing. All invoices should be raised from Gujarat.
- The sum total of O&M value quoted (C1 – Opex in Table – 1.2 of Column F) should not be less than 35% of sum total of Table – 1.1 (Co - Capex).

Additional note for sr. no. – 1.5 (Commercial Grade ACs), 1.6 (Split AC Unit) & 1.7 (Split AC controller Module) of Table – 1.1 Charges for Implementation Phase

1. For 300 nos. shelters, Bidders will have an option to quote either [sr. no. 1.5 (Commercial Grade ACs)] OR [sr. no. 1.6 (Split AC Unit) + 1.7 (Split AC controller Module)].
2. Bidders will have to quote 90 nos. split AC unit & 45 nos. Split AC controller Module mandatorily.
3. Therefore, if any bidder choose to quote only split AC + split AC controller, then they will have to fill quantity against sr. no. 1.6 & 1.7 as 690 nos. & 345 nos. respectively.
4. If any bidder choose to quote Commercial Grade ACs for shelters, then they will have to fill quantity against sr. no. 1.5 as 300 nos. and quantity against sr. no. 1.6 & 1.7 as 90 nos. & 45 nos. respectively.
5. If any bidder by mistake fill quantities which are not inline with either sr. no. 3 or sr. no. 4 above, then it will be considered that bidder has only quoted split AC + split AC controller and accordingly quoted rates will be manually multiplied with quantities of 690 nos. (split ACs) & 345 nos. (split AC controllers). In this case, quote mentioned against sr. no. 1.5 (Commercial Grade ACs)] will become null & void.
6. Bidders will have to submit the BoQ accordingly.

26.8. Annexure VIII: MAF

Manufacturer's Authorization Format (MAF) From OEM

Ref:

Date:

To

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

Subject: Manufacturer Authorization Letter for RFP No.

Sir,

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.

We <OEM Name> authorize <Bidder's name> to quote our 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 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:

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.

26.9. Annexure IX - Self Certification on PMA By Bidder and OEM

Format for Affidavit of Self Certificate regarding Domestic Value Addition in quoted items on
INR 300/- Stamp Paper.

Date:

I _____ S/o, D/o, W/o _____ resident of _____ do hereby solemnly affirm and declare as under.

That I will agree to abide by the terms and conditions of the policy of the Government of India issued vide notification no. 8(78)/2012-IPHW dated 10/02/2012. That the information furnished hereinafter correct to best of my knowledge and belief and I undertake to produce relevant records before the procuring agency or any authority so nominated by the Ministry of Electronics and Information Technology, Government of India for the purpose of assessing domestic value addition.

That the domestic value addition for all inputs which constitute the quoted item(s) has been verified by me and I am responsible for the correctness of the claims made therein. That in event of the domestic value addition of the quoted product is found to be incorrect and not meeting the prescribed domestic value addition norms, based on assessment of an authority so nominated by the Department of Telecommunications, Government of India for the purpose of assessing domestic value addition. I will be disqualified from any Government Tender for period of 36 months. In addition, I will bear all costs of such an assessment.

That I have complied with all the conditions referred to in the notification no. 8(78)/2012-IPHW dated 10/02/2012, wherein preference to domestically manufactured electronic products in Government procurement is provided and that the procuring agency is hereby authorized to forfeit and adjust my EMD and other security amount toward such assessment cost and I undertake the balance, if any, forthwith.

I agree to maintain the following information in the Company's record for a period of 8 years and shall make this available to any statutory authorities.

1. Name and details of domestic manufacture (Registered office, Manufacturing unit location, nature of legal entity)
2. Date on which this certificate issued
3. Electronic Product for which the certificate is produced
4. Procuring agency to whom the certificate is furnished
5. Percentage of domestic value addition claimed
6. Name and contact details of the unit of the manufacturer
7. Sale price of the product
8. Ex-factory price of the product
9. Freight, insurance and handling
10. Total Bill of Material
11. List and total cost value of inputs used for manufacture of the domestic product
12. List and total cost value of inputs which are domestically sourced. Please attach the certificate from supplier, if the input is not in-house
13. List and total cost value of inputs imported, directly or indirectly.

For and on behalf of _____ (Name of firm/entity)
Authorized Signatory (To be duly authorized by Board of Directors)
<Insert Name, Designation and Contact No.>

26.10. Annexure X - Self Certification by Bidder and OEM

This shall be provided on Rs.300/- Non-Judicial stamp paper.

Date: DD/MM/YYYY

Tender Ref No.

To,

<<<Client Name & Address>>

With reference to above referred tender, I, undersigned <<Name of Signatory>>, in the capacity of <<Designation of Signatory>>, is authorized to give the undertaking on behalf of <<Name of the bidder/OEM>>.

I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India and on sub-contracting to contractors from such countries; I certify that <<Name of Bidder/OEM>> is not from such a country or, if from such a country, has been registered with the Competent Authority and will not sub-contract any work to a contractor from such countries unless such contractor is registered with the Competent Authority. I hereby certify that <<Name of Bidder/OEM>> fulfills all requirements in this regard and eligible to be considered. [Where applicable, evidence of valid registration by Competent Authority shall be attached.]

If given information is found to be false, this would be ground for immediate termination and further legal action in accordance with law.

Authorized Signatory:

Name:

Designation:

Name of the Bidder/OEM:

Address:

Company Seal: