

# Request for Proposal (RFP) for Selection of Agency for Supply, Installation, Commissioning and Support of ICT Infrastructure for Gujarat Fibre Grid Network Limited, Dept. of Science & Technology, Government of Gujarat

Reference No: GFG/DST/BharatNet/ System and Networking Hardware/2020/490

21<sup>st</sup> March 2020



Gujarat Fibre Grid Network Limited (GFGNL)

A Government of Gujarat Company

Block No: 6, 5<sup>th</sup> Floor, Udyog Bhavan, Sector-11, Gandhinagar 382010

## 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 for Supply, Installation, Commissioning and Support of ICT Infrastructure for Gujarat Fibre Grid Network Limited, Dept. of Science & Technology, Government of Gujarat (Reference No: GFG/DST/BharatNet/ System and Networking Hardware /2020/490)**” GFGNL intends to select the agency by inviting the proposals through Open Tender Process.. Bids complete in all respects should be uploaded on or before the bid due date mentioned in the RFP document.
- 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 before the last date & time of submission of bids as mentioned in the RFP document.
- 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 bid document 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 online. 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 [mgr-proj@bharatnet.gujarat.gov.in](mailto:mgr-proj@bharatnet.gujarat.gov.in) & [pmc@bharatnet.gujarat.gov.in](mailto:pmc@bharatnet.gujarat.gov.in) on or before the date mentioned in the RFP document.
- 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 as mentioned in the RFP document.

## 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. 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. The GFGNL office is presently located at 5th floor, Block 6, Udhog Bhavan, Sector 11, Gandhinagar, Gujarat 382010. Refer <https://bharatnet.gujarat.gov.in/> for further information on operations of GFGNL.

GFGNL has implemented Network Management System (NMS) which acts as an integrator for various element management system (EMS) for active components involved in the project execution. In order to cater the requirements for hosting of above-mentioned applications and similar other relevant applications like ERP, GIS, BSS etc. GFGNL intend to procure required ICT Infrastructure to be installed at Gujarat State Data Center (SDC), Gandhinagar.

In reference to above, proposals are invited from well-established company/agencies engaged in the Supply, Installation Commissioning and Support of ICT infrastructure as per the scope of work defined in this RFP for Gujarat Fibre Grid Network Ltd (GFGNL).

Note:

- a) Evaluation of bids shall be done on Least Cost/Lowest Cost (L1) criteria. L1 will be the lowest sum Total of column "C" in financial bid table as per Annexure – VI.
- b) Bidder selected as L1 will be awarded the work as defined in this RFP document.

### 3. Notice Inviting Proposal and Necessary Instruction

<b>Name of the work</b>	<b>RFP for Selection of Agency for Supply, Installation, Commissioning and Support of ICT Infrastructure for Gujarat Fibre Grid Network Limited, Dept. of Science &amp; Technology, Government of Gujarat</b>
Tender submission Cost	Rs. 15,000 /- (Rs. Fifteen Thousand Only) In the form of Demand Draft in favor of "Gujarat Fibre Grid Network Limited" drawn on any scheduled bank and payable at Ahmedabad/Gandhinagar.
<b>EMD (bid Security / Security deposit)</b>	Rs. 15,00,000 /- (Rs. Fifteen Lakhs 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 last date of bid submission in favor of "Gujarat Fibre Grid Network Limited "from <ul style="list-style-type: none"> <li>• All Nationalized banks including the Public sector banks - IDBI Ltd.</li> <li>• Private sector banks - AXIS Bank, ICICI Bank and HDFC Bank</li> </ul>
<b>Contract Period</b>	5 Years from the date of award of Work Order
<b>Bid validity days</b>	180 days from the last date of submission of bids
<b>Issue of Tender</b>	The tender can be downloaded from website <a href="https://www.gfgnl.nprocure.com">https://www.gfgnl.nprocure.com</a> <a href="https://www.dst.gujarat.gov.in">https://www.dst.gujarat.gov.in</a> , <a href="https://gil.gujarat.gov.in/">https://gil.gujarat.gov.in/</a> , <a href="https://bharatnet.gujarat.gov.in">https://bharatnet.gujarat.gov.in</a>
<b>Pre-Bid</b>	Pre-bid will be held on 01/04/2020 , 12:00 PM Gujarat Fibre Grid Network Limited (GFGNL), Block No: 6, 5th Floor, Udyog Bhavan, Sector-11, Gandhinagar: 382010 Interested agencies can send their queries by 01/04/2020
<b>Proposal due date (last of date of Tender submission)</b>	Tender should be submitted before 15/04/2020 , 2:00 PM Bidder shall upload their bids on <a href="https://www.gfgnl.nprocure.com">https://www.gfgnl.nprocure.com</a>
<b>Opening of Tender</b>	Technical Qualification documents will be opened on 15/04/2020 , 4:00 PM in the presence of bidders. Qualified bidders would subsequently be informed later about the date, time and venue for price bid opening.
<b>Contact persons (for any Clarifications)</b>	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](mailto:mgr-proj@bharatnet.gujarat.gov.in) & [pmc@bharatnet.gujarat.gov.in](mailto:pmc@bharatnet.gujarat.gov.in) on or before the last date of sending queries as mentioned in the RFP document. GFGNL will host a Pre-Bid meeting 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). 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):

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.

#### 5. 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/ cancel the process of procurement, 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.
- 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 to above 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/Bidder 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.

## 6. Sections Comprising Bids

The proposal (Part – I, II & III) 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-IV) and Demand draft as mentioned in Clause - 3 at online bidding portal. Further original Bank Guarantee and Demand Draft 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.
- d. Copy of Certificate from the Statutory auditor / CA clearly specifying the annual turnover for the specified years. (2016-17, 2017-18 & 2018-19) if finally published results are not available, provisional turn over details with CA certificate
- e. Copy of Purchase order mentioning PO number, PO date, Quantity Supplied & company name to whom System and Networking Hardware supplied, installed and commissioned.
- f. Manufacturers Authorization form” MAF (all applicable OEMs) issued by the OEM authorizing the bidder to supply, install and commission the System and Networking Hardware – (Annexure -VII)
- g. Copy of valid GST registration
- h. Copy of valid PAN card
- i. Undertaking by the bidder for not being barred by any State/ Central Government/PSU (Annexure III)
- j. Response to Eligibility criteria: Eligibility Criteria which should contain all the supporting documents as asked for eligibility.

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

- a. Financial Bid – as prescribed in Annexure VII

## 7. 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\_Server OEM \_PO Copy
- 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\_VII\_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.

## 8. General Instructions to Bidders

- a) Bids received in any manner other than as prescribed above are liable to be rejected summarily
- b) GFGNL reserves the right, at the time of award of the contract or during the contract period to increase or decrease the total number to be supplied by 50 % w.r.t quantity mentioned in scope of work as per requirements mentioned in this document without any revision in commercial price quoted by bidder in proposal.
- c) All System and Network hardware will be installed at State Data Center (SDC), Gandhinagar.
- d) 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.
- e) 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.
- f) 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.
- g) 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.
- h) 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

- i) The successful bidder who is awarded the Work Order shall be required to deposit a Performance bank guarantee (refer annexure V ) @ 10% of the total contract value in the form of unconditional 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 7 days of award of work, covering the period of contract and 180 days beyond the contract period. 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.
- j) 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.

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.

## 9. Eligibility Criteria

S No	Eligibility Criteria	Supporting Documents to be furnished
1.	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.	Certificate of Incorporation in respect of the applicant organization issued by Registrar of Companies or a partnership deed duly registered under the Partnership Act
2.	The Bidder should have average annual turnover of Rs 15 Cr in the last three financial year (2016-17, 2017-18 & 2018-19) solely generated from the business of IT/ITeS-Networking only.	Certificate from the Statutory auditor/ CA clearly specifying the annual turnover for the specified years.
3.	Bidder Should have executed at least three (3) Networking Projects of minimum value of Rs. 50Lac each having components like L3 Switch/Router/ Firewall in last three years as on date of bid submission.	Copies of Purchase Order/completion or partial completion certificate/Go-live report complying to the clause requirement e from client to be enclosed along with Technical Bid
4.	The bidder 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
5.	The bidder should have a valid GST registration	Copy of valid GST & PAN no
6.	Bidder should submit a "Manufacturers Authorization form" (MAF) for supply of hardware and support by the respective OEM authorizing the bidder to supply & install the System and Network hardware.	MAF issued by OEM for the proposed product as per format mentioned in Annexure -VII
7.	Bidder should propose and supply the relevant hardware (Networking devices at data center layer, Storage, Servers, network Firewall) as part of their proposed solution from OEMs who are featuring in Leader's quadrant in respective/ relevant latest Global Gartner Magic Quadrant report	Undertaking from the Bidder along with the relevant report confirming the compliance.

## 10. Scope of Work:

GFGNL has implemented Network Management System (NMS) which acts as an integrator for various element management system (EMS) for active elements involved in the project execution. In order to cater the requirements for hosting of above-mentioned applications and similar other relevant applications like ERP, GIS, BSS etc, GFGNL intends to procure required System and Networking Hardware to be installed at State Data Center (SDC), Gandhinagar. These Applications shall have mix of Solaris, RHEL, Linux, Unix, CentOS and Windows platforms. The proposed hardware must support all these platforms for successful installation, commissioning & successful operation of applications. The prospective bidders should have proper experience and competence in the field to successfully complete the Scope of Work as mentioned in this RFP. Scope variation as mentioned in clause – 8 (b) will also be applicable. **The scope of work under this RFP is broadly divided into two components:**

- A. System Integration Component: Supply, Installation, Configuration, Testing, Commissioning and Support (24x7x 365) at GSDC, Gandhinagar.



B. Operations & Maintenance Component: O&M for a period of Three (3) Months from the date of successful completion of Final Acceptance Test (FAT)

**10.1. System Integration Component:**

- 10.1.1 Bidder is required to supply, install, configure, test and commission the Hardware and software compute (inclusive of all active and Passive components and sub components) as per the technical and functional specification mentioned in the RFP document to successfully run the services envisaged.
- 10.1.2 The licenses procured by the selected bidder should be in the name of GFGNL.
- 10.1.3 The bidder should provision the required hardware and software components which include Server Virtualization Layer, Servers, Physical Server management Module, Networking components like LIU, L2/L3 switch, SAN Switch, Storage, Firewall, etc. with appropriate licenses perpetual for life.
- 10.1.4 The Bidder has to ensure that if any additional component(s) required for overall solution to comply with the SLA levels, then in such case it should be the responsibility of the bidder to provide the same as a part of the entire solution.
- 10.1.5 GFGNL or its authorized representative/agency will conduct the Final Acceptance Test (FAT). FAT shall be considered completed successfully upon completion of all the required activities like supply, installation, testing, commissioning of the proposed solution as per the RFP/Contract agreement
- 10.1.6 The Bidder shall ensure that the products quoted should not be declared “End of Production” as on bid submission date and “End of support” for the next 7 years by the OEM from the date of bid submission. However, if OEM declares any equipment as end of support for any reasons, then in that case OEM has to replace that equipment with better or equivalent products without any cost to GFGNL/DST/GoG. OEM has to also submit on their letter head, complete details on the support available for the equipment, their end of support dates and replacement model if any.
- 10.1.7 The support including spares, patch updates, for the quoted products shall be available for the entire period of the Project without any additional cost.
- 10.1.8 The bidder is required to provide back to back OEM support (24 x 7 x 365 days) for the period of 5 years from the date of successful completion of FAT. The entire deployed solution should be covered under the back to back OEM warranty till successful completion of FAT.

**10.2. Operations & Maintenance Component**

- 10.2.1 Bidder shall be responsible for operation and maintenance of the supplied components for the period of 3 (three) months commencing from the date of successful completion of FAT.
- 10.2.2 During the O&M period of 3 months, selected bidder is responsible for the following indicative list (but not limited to) of activities:
- 10.2.1.1 Creating required no. of VM's for Hosting of various application on supplied infrastructure as per the direction of DST/GFGNL.
- 10.2.1.2 Ensuring required configuration for maintaining virtual IP and switch where the VM's would communicate.
- 10.2.1.3 Bidder has to ensure that the application to be deployed does not disrupt the operations and affect other GSDC & GFGNL infrastructure in terms of performance and security.
- 10.2.1.4 Server Monitoring, Administration :
- Configuration of server parameters, operating systems administration and tuning.
  - Operating system administration, including but not limited to resource contention, preventive maintenance and management of updates & patches to ensure that the system is up to date.
  - Re-installation in the event of system crash/failures.

- Maintenance of a log of the performance monitoring of servers including but not limited to monitoring CPU, disk space, memory utilization, I/O utilization, etc.
- Event log analysis generated in all the sub systems including but not limited to servers, operating systems, applications, etc.
- Ensuring that the logs are backed up and truncated at regular intervals.
- Periodic health check of the systems, troubleshooting problems, analyzing and implementing rectification measures.
- Ensuring the upkeep of existing systems that would be reused and also incorporate necessary changes for new applications if any during the tenure of the contract.
- Preparing, Implementation and maintenance of standard operating procedures for maintenance of the infrastructure based on the State's policies.

10.2.1.5 Backup and Restore Services

- Backup of operating system, Virtual Machines and application as per stipulated policies of GSDC/GFGNL.
- Prompt problem resolution in case of failures in the backup processes

10.2.1.6 MIS Reports

S/n	Types of Reports	Periodicity
1	<ul style="list-style-type: none"> <li>• Log of backup and restoration undertaken</li> </ul>	Daily
2	<ul style="list-style-type: none"> <li>• Summary of systems rebooted</li> <li>• Summary of issues / complaints logged with the OEMs.</li> <li>• Summary of changes done including major changes like configuration changes, patch updates (physical and virtual machines), etc. and minor changes like log truncation, volume expansion, user creation, user password reset, etc.</li> </ul>	Weekly
3	<ul style="list-style-type: none"> <li>• Summary of component wise uptime.</li> <li>• Log of preventive / scheduled maintenance undertaken</li> <li>• Details of Patch, updates, Vulnerability fixes released and implementation status of same</li> <li>• Details of break-fix maintenance undertaken</li> </ul>	Monthly
4	<ul style="list-style-type: none"> <li>• Consolidated component-wise availability and resource utilization.</li> <li>• Reports as directed by the State for SLA calculation</li> </ul>	Quarterly

Any other reports as directed by DST/GFGNL/GSDC Composite Team.

10.2.1.7 Training

The bidder needs to provide a comprehensive, on-site training on deployed solution to the 5 members team nominated by GFGNL.

**10.2.1 On completion of O&M period GFGNL/any other agency appointed by GFGNL shall take over the entire operation and maintenance work**

- The successful bidder is responsible for complete knowledge transfer, Operating Manuals and SOP's including, but not limited to:
  - (i) Details of application that are already hosted on the Infrastructure
  - (ii) Installation and configuration details of hardware and software deployed by the bidder including Low Level Design and High-Level Design.
  - (iii) Contact details of OEM and bidder representative for onsite warranty and back-to-back OEM support.

(iv) Any other details that may be required/asked by GFGNL

**10.2.2 O&M Team:**

The bidder shall deploy the minimum required dedicated, qualified, skilled and experienced resources as defined in below table at GFGNL, Gandhinagar for managing the Infrastructure and carrying out the required task during O&M phase.

Description	Quantity	Responsibility
<b>IT Infra Admin</b> (BE with minimum 5 years of experience in Server Administration, Basic experience of network, firewall)	1	<ul style="list-style-type: none"><li>• Responsible for Server Availability and connectivity</li><li>• Responsible for configuration, implementation, troubleshooting of routing, firewall rules, NAT/PAT, connectivity with Data Centre, etc.</li><li>• Incident Resolution, Request resolution</li><li>• Server monitoring, administration, Back-up and restoration and reporting</li></ul>

- This is minimum indicative list of resources and based on actual requirements bidder may deploy any number of resources to meet the SLA. DST/GFGNL shall not pay any cost for additional resources deployed for compliance of SLA and completion of scope of work in due time.
- In case deployed staff is not available or is on leave, the bidder is required to provide the alternative personnel with same or higher technical capabilities of the non-available personnel. Further, appropriate operational penalty will be levied in case of non-availability of minimum required manpower

## 11 Technical and Functional Specifications:

### 11.1 Blade Server

Sr. No	Component	Specifications	Compliance (Y / N)
1.	Processor Family	Latest series/ generation of 64-bit x86 processor(s) based architecture	
2.	CPU clock speed	2.4 GHz or above	
3.	Compute requirement	<b>Type1:</b> Physical Usable CPU Core: 200 RAM: 2400 GB Internal Disk Space (Per Server): 2x900 GB SAS/SASCI with 10k rpm or more <b>Type2: Quantity 2</b> Each server consisting of 16Core, 256GB RAM Internal Disk Space (Per server): 2x900 GB SAS/SASCI with 10k rpm or more	
4.	RAID Support	As per requirement / solution	
5.	Networking	2 X 10GbE LAN ports for providing Ethernet connectivity 2 X 8/ 10 Gbps FC/FCoE/HBA for providing FC connectivity	
6.	Power Supply	N+1 redundant Power Supplies, Cooling Unit, Fans, etc.	
7.	OS Compatibility	<b>Type1:</b> Latest version of Microsoft Windows Server, Cent OS, Red Hat Enterprise Linux (RHEL), Linux <b>Type 2:</b> Solaris	
8.	Virtualization	Shall support Industry standard server virtualization hypervisor solution	
9.	Blade Chassis	<ul style="list-style-type: none"> <li>Compatible to support the network and application infrastructure</li> <li>provision to connect to display console/central console for local management such as troubleshooting, configuration, system status/health display.</li> <li>Single console for all blades in the enclosure, built-in KVM switch or Virtual KVM features over IP</li> </ul>	

### 11.2 L3 Switch:

Sr. No	Component	Specifications	Compliance (Y / N)
1.	Ports	<ul style="list-style-type: none"> <li>Minimum 24 nos. 1G Base-T Ethernet ports</li> <li>Minimum 2 numbers of uplink ports (1GE) + 2 nos. 10G optical ports with necessary SFP/Transceivers</li> </ul>	
2.	Duplex	Half, Full, Auto	
3.	MAC	Support minimum 32K MAC address.	
4.	Backplane	should provide wire-speed switching	
5.	Port Features	Must support Port Mirroring, Port Trunking and 802.3ad LACP Link Aggregation port trunks	
6.	Flow Control	Support IEEE 802.3x flow control	
7.	Protocols	<ul style="list-style-type: none"> <li>Support static and Dynamic (OSPF, RIPv1, RIPv2, BGP) routing, multicast</li> <li>IPV4, IPV6</li> <li>Support 802.1D, 802.1S, 802.1w, Rate limiting</li> <li>Support 802.1X</li> <li>Support 802.1Q, VLAN encapsulation(802.1QQ),</li> <li>802.1p Priority Queues, port mirroring, DiffServ</li> <li>DHCP support</li> <li>Support up to 4096 VLANs</li> <li>Support IGMP v1, v2 and v3, IGMP Snooping and IGMP Querying, PIM/PIMv2</li> </ul>	

Sr. No	Component	Specifications	Compliance (Y / N)
8.	Access Control	<ul style="list-style-type: none"> <li>Support port security</li> <li>Support for MAC filtering.</li> <li>Should support TACACS+ or RADIUS authentication</li> </ul>	
9.	Protocol and Traffic	<ul style="list-style-type: none"> <li>Network Time Protocol</li> <li>Switch should support traffic segmentation</li> <li>Traffic classification: TOS, DSCP, Port based, TCP/UDP port number</li> </ul>	
10.	Management	<ul style="list-style-type: none"> <li>Must have support SNMP v1, v2 and v3</li> <li>Configuration management through CLI/GUI /web interface</li> </ul>	
11.	Resiliency	<ul style="list-style-type: none"> <li>Redundant (N+1) power supplies</li> <li>Redundant fans</li> </ul>	
12.	Power	The device should be supplied with Indian Standard power cables.	

### 11.3 Firewall

Sr. No	Component	Specifications	Compliance (Y / N)
1.	Interfaces	<ul style="list-style-type: none"> <li>Minimum 12 nos. of Base-T 1G Ethernet ports</li> <li>Minimum 8 nos. of 1G optical ports + minimum 2 nos. of 10G optical ports with necessary SFP/Transceivers</li> </ul>	
2.	Performance and Availability	<ul style="list-style-type: none"> <li>Firewall throughput: minimum 10 Gbps</li> <li>New connections per second: min. 10000</li> <li>Concurrent sessions: 500000</li> <li>Simultaneous VPN tunnels: 1000</li> </ul>	
3.	Routing Protocols	<ul style="list-style-type: none"> <li>Static Routes</li> <li>RIPv1, RIPv2</li> <li>OSPF</li> <li>IGMP v1,v2,v3</li> <li>PIM</li> </ul>	
4.	Protocols	<ul style="list-style-type: none"> <li>TCP/IP</li> <li>IPSec, DES/3DES/AES</li> <li>FTP, HTTP, HTTPS, SNMP v1,v2,v3, SMTP</li> <li>DHCP, DNS, Support for IP v4 &amp; IPv6</li> <li>IPSEC</li> <li>TACACS+/Radius</li> <li>NAT, PAT</li> </ul>	
5.	Management	Console/OOB/Management port, CLI(SSHv2/Telnet) or, Browser based configuration	
6.	Certifications	ICSA/EAL4/FIPS certified	
7.	Power	The device should be supplied with Indian Standard power cables.	

### 11.4 Storage

Specifications	Compliance (Y / N)
<ul style="list-style-type: none"> <li>Solution should be IP Based/iSCSI/FC/FCOE/NFS/CIFS</li> <li>Storage Capacity :100 TB Useable, excluding all overhead configuration like RAID single parity, dual parity, striping and mirroring) configuration, formatting and hot spare disk.</li> <li>Disks should be minimum of 6 TB SAS/NL-SAS drives</li> <li>Storage solution should comprise of Active-Active Load Balancing Storage Controllers with 64GB Cache from day one and the storage solution should be scalable up to 128GB</li> <li>Should be able to store all types of data (Data, Application, Voice, Images, Video, etc.)</li> <li>Storage should support all industry standard RAID type</li> <li>The proposed Storage should have 6 Gbps Drives (it should support SSD, SAS &amp; NL-SAS types) or higher.</li> <li>Modular design to support controllers and disk drives expansion</li> </ul>	

Specifications	Compliance (Y / N)
<ul style="list-style-type: none"> <li>• Should be Rack Mountable</li> <li>• Licenses for the storage management software should include disc capacity/count of the complete solution and any additional disks to be plugged in the future, up to max capacity of the existing controller/units.</li> <li>• A single command console for entire storage system.</li> <li>• Should have the functionality of performance, utilization monitoring of storage, disk drive and management software</li> <li>• The storage array must have complete cache protection mechanism either by de-staging data to disk or providing complete cache data protection with battery backup for minimum 4 hours</li> <li>• Controllers shall be active-active so that a single logical unit can be shared across all offered controllers, while supporting all the major functionalities like Thin Provisioning, Data tiering.</li> <li>• The storage solution should support all latest operating system and cluster environments. The storage solution should support virtual infrastructure. Should have capabilities for booting VMs from the SAN. Should be supplied with virtualization aware APIs for provisioning and managing the storage array from the virtual infrastructure.</li> <li>• the storage should have no single point of failure on components like controllers, disks, cache memory, I/O Ports, Power supply, Fan, etc.</li> <li>• Proposed system should be supplied with all the required power cables, patch cords, accessories etc.</li> </ul>	
<p><b>SAN Switch:</b> May be proposed, if required by bidder as per the requirement of proposed solution. Further, it should be Compatible with the proposed Storage and should be supplied with all the required licenses, accessories, cables etc.</p>	

### 11.5 Server Virtualization Solution (Functional Requirements)

1. The Solution should be able to run various Guest operating systems like windows client, windows server, Linux (RedHat, Ubuntu, CentOS, etc.)
2. The Solution should support VLAN isolation
3. The Virtualized Infrastructure should be able to consume Storage across various protocols
4. The solution should allow to take Snapshot/Image of VMs including OS and Application.
5. The Solution should provide patch management capabilities such that it should be able to update patches on its own virtualization layer
6. The Solution should provide the monitoring capabilities for storage, processor, network, memory for all Virtual Machines
7. The solution should support API based integration with existing NMS tool of GFGNL
8. The Solution should provide a simple to use intuitive Web experience for Administrator
9. The Solution should support Role based access
10. Solution should able to generate various MIS reports like resource utilization report, client wise resource utilization report, availability reports of system components, real-time resource availability status etc.
11. Solution should be able to provide logs with date and time stamp along with the user details pertaining to configuration level changes.

### 11.6 42U Rack

1. 42 U: 750 x 1070 x 1991 mm
2. Door Steel Full Prf 600W x 42U
3. Castor with ft break (2+2)
4. Sliding Tray
5. Should have sufficient perforation for ventilation of air
6. IPDU: As per the requirements of the IT equipment's to be loaded
7. This Rack will be used for both Network devices as well as server mounting.

## 12 Warranty and Services:

- a) The successful bidder shall provide on-site comprehensive warranty for 5 Years from the date of successful commissioning and/ or acceptance for all supplied System and Networking Hardware, including part replacement /repairs at no cost to GFGNL within 24 hours of reporting, hardware related software updates; upgrades; patches and bug fixes for hardware and related Software from OEM for 24 x 7 x 365 days and operating support as and when required
- b) On-site comprehensive warranty: The warranty would be on-site and comprehensive in nature and back to back supported by the OEM. The bidder will warrant all the hardware against defects arising out of faulty design, materials and workmanship etc. for a period of 5 years from the date of successful commissioning of the hardware.
- c) Free maintenance services will be provided during the period of warranty. Professionally qualified engineer who have expertise in the System and Networking Hardware supplied by the bidder will provide these services.
- d) The maximum response time for a maintenance complaint shall not exceed 2 hours.
- e) The Bidder shall provide replacement equipment if any equipment is taken out of the premises for repairs.

## 13 Implementation Timeline & Penalties:

S/N	Measurement	Target	Penalty for Delay
1	Signing of Contract	1 weeks from issuance of Lol/ Award of Contract	Rs 50,000/week or part thereof. Delay Beyond 2 weeks, DST/GFGNL may terminate the contract and Forfeit the PBG.
2	Delivery of Components (Hardware, Software, License, etc.)	T1 = T + 6weeks	A penalty of 0.25% of Component Value per week or part thereof. Delay beyond T + 10 weeks DST/GFGNL may terminate the contract and Forfeit the PBG
3	Installation and Commissioning	T2 = T1 + 1 weeks	A penalty of 0.25% of contract value per week or part thereof. Delay beyond T1 + 2 weeks DST/GFGNL may terminate the contract and Forfeit the PBG
4	Final Acceptance Test (FAT)	T3 = T2 + 1 weeks	A penalty of 0.25% of contract value per week or part thereof. Delay beyond T2 + 2 weeks DST/GFGNL may terminate the contract and Forfeit the PBG
5	Training	T4 = T2 + 2 weeks	A penalty of 0.25% of contract value per week or part thereof. Delay beyond T2 + 3 weeks DST/GFGNL may terminate the contract and Forfeit the PBG

T = Date of issuance of order

The System and Networking Hardware shall be delivered at State Data Center (SDC), Gandhinagar or at premise selected by GFGNL.

#### 14 Service Level Agreements (Post Go Live):

Type	Priority Level	Target	Penalty
<b>Incident Resolution</b>	<ul style="list-style-type: none"> <li>Level-1: Complete failure or not in working condition or not accessible</li> <li>Level-2: Not functioning properly due to failure of any hardware/software/part(s)/ component(s) or performance is down (in terms of latency and response time)</li> <li>Level-3: Any other issues except Level 1 &amp; 2 above.</li> </ul>	<ul style="list-style-type: none"> <li>Level 1 Incident - Within 1 hr.</li> <li>Level 2 Incident - Within 6 hr.</li> <li>Level 3 Incident - Within 12 hr.</li> </ul>	<ul style="list-style-type: none"> <li>Level 1 Incident 0.25% of QP for every 2-hr. delay in resolution;</li> <li>Level 2 Incident 0.25% of QP for every 3-hr. delay in resolution;</li> <li>Level 3 Incident 0.25% of QP for every 6 hrs. delay in resolution</li> </ul>
<b>Manpower</b>	<ul style="list-style-type: none"> <li>Full time during O&amp;M Period during the business hour and days of GFGNL/DST/GoG</li> </ul>		<ul style="list-style-type: none"> <li>INR 500/- per day</li> </ul>

- i. The maximum penalty is capped at 10% of Contract price and the operational penalties for whole year will be deducted from the yearly ATS/AMC invoice and penalties for the 5<sup>th</sup> year will be deducted from the PBG.
- ii. SLA will be applicable from the date of Installation and commission of hardware.
- iii. All the hardware replacement/up gradation (in case of faults) of the devices should be done along with the spare on field and with on-site engineer support (either Bidder/OEM/SI) to ensure non-service affecting replacement.
- iv. Any defective equipment supplied by Bidder shall be replaced as per the SLA terms, including all incidental cost like transport costs, etc. The hardware related software upgrades, new releases (Minor/major) versions, bug fixes etc. for the components will be supplied to GFGNL at no extra cost, with the necessary documentation during contract period.
- v. The Bidder shall ensure that the individual System and Networking Hardware is available to the GFGNL in proper working condition

#### 15 Terms & Conditions:

1. Selected bidder shall make arrangements to install and commission the System and Networking Hardware at State Data Center (SDC), Gandhinagar or at selected premise by GFGNL.
2. The supplied System and Networking Hardware by selected bidder shall be new, unused, of the most recent or current model and they incorporate all recent improvements in design and / or features.
3. Bidder is required to quote one make & model for each line item. Further, bidder is not allowed to change the quoted make/OEM during the contract tenure.
4. Bidder have to take care of all safety precaution during installation and commissioning of all supplied hardware at site.
5. Selected agency shall supply the all required accessories for installation, commission & testing of System and Networking Hardware.
6. GFGNL shall arrange to maintain appropriate environmental conditions, such as those relating to space, temperature, power supply required for hardware.
7. 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.



8. Bidder shall have to print the name of the tenderer and /or logo on sticker and paste on each System and Networking Hardware at site.
9. GFGNL will align for acceptance within 72 hours post offer of UAT by selected Bidder.
10. Selected Bidder shall ensure that there is no loss or damage to the property of SDC or at premise selected by GFGNL while executing the Contract. On account of any negligence, commission or omission by the engineers of the Bidder/OEM and if any loss or damage caused to the Equipment's /servers/ other devices, the Bidder/OEM shall indemnify/pay/reimburse the loss suffered by the GFGNL.
11. Bidder should meet Support requirement: Telephonic Support: 24 x 7 x 365
12. The rate provided by the selected agency will be valid for 24 Months from the date of award of work.
13. All hardware & software licenses should be in name of GFGNL and all licenses should be perpetual.

**16 Bill of Quantities (BoQ):** Bidder is required to provide detailed BOQ mentioning item description, quantity, make and model in the prescribed format mentioned below. Bidders mentioning price in BOQ format then his bid will be treated as non-responsive and will be summarily rejected

Sr. No.	Description of Item	UoM	Quantity	Make & Model Number
1)				
2)				
3)				

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

**Note:**

- a) GFGNL deserves the right to increase or decrease the no. of System and Networking Hardware as per clause – 8 (b).
- b) Bidder is required to quote one make & model for each line item. Further, bidder is not allowed to change the quoted make/OEM & model once the financial bids are open.

**17 Selection of bidder & Notification of Award / Purchase Order**

- a) Evaluation of bids shall be done on Least Cost/Lowest Cost (L1) criteria. L1 will be the lowest sum total of rates of all line items without taxes
- b) Bidder selected as L1 will be awarded for the Supply, Installation, Commissioning and Support of System and Networking Hardware.

**18 RISK PURCHASE**

If the selected bidder fails to perform its obligations (or any part thereof) under this scope of this RFP or if the scope of this RFP is terminated by the Tenderer due to breach of any obligations of the selected bidder under scope of this RFP, the Tenderer reserves the right to procure the same or equivalent Hardware / Services / Deliverables from alternative sources (Including from L2 bidder if L2 bidder agrees to match the price of L1 discovered rate) at the selected bidder's risk and responsibility. Any incremental cost borne by the Tenderer in procuring such Hardware /Services/ Deliverables shall be borne by the selected bidder. Any such incremental cost incurred in the procurement of the such Hardware /Services/ Deliverables from alternative source will be recovered from the pending due and payable Payments /Security Deposit / Bank Guarantee provided by the selected bidder under this scope of this RFP and if the value of the Hardware/Services/ Deliverables under risk purchase exceeds the amount of Security Deposit and / or Bank Guarantee, the same may be recovered, if

necessary, by due legal process. The procurement from alternate source shall be done, as far as possible, through Government's procurement guidelines as deemed appropriate by the tenderer.

## 19 Terms of payment

- a) No advance payment (s) will be made.
- b) No payment will be admissible for goods rejected.
- c) 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.

S/N	Payment Terms
1	70% on Successful Delivery & Inspection of (Hardware, Software, Licenses, etc.)
2	20% on Successful Installation, Testing, and Commissioning
3	10% on Successful completion of Three-month post completion of Final Acceptance test as per the scope
4	O&M Charges upon completion of O&M period of Three Months
5	5 Years comprehensive warranty and Back to Back OEM support: Will be divided and paid in 5 equal instalments at the start of every year i.e. at the start of 1 <sup>st</sup> year first instalment will be paid. Five years will start from the date of successfully completion of FAT.

## 20 Taxes

1. 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.
2. The bidder shall meet the requirements of applicable Goods & Services Tax (GST).

## 21 Annexures & Check list

### 1 Annexure I: Bid Document checklist

#	Documents to be submitted	Submitted (Y / N)	Documentary Proof (Page No.)
<b>Qualification Criteria</b>			
1.	Demand Draft as bid processing fee		
2.	EMD as Bid Security (DD/ BG as per Annexure V)		
<b>Technical Qualification</b>			
3.	Cover Letter (Annexure I)		
4.	Bidder's information sheet (Annexure II)		
5.	Enclose copy of Certificate of Incorporation/ Registration Certificate of the firm certificate		
6.	Copy of Certificate from the Statutory auditor/CA clearly specifying the annual turnover for the specified years. (2016-17, 2017-18 & 2018-19).		
7.	A copy of the OEM Partner Certification must be submitted		
8.	Copies of Purchase Order (s) having executed the similar orders in last three years (from date of Bid) to be enclosed along with Technical Bid		
9.	MAF issued by OEM for the proposed product as per format mentioned in Annexure -VII		
10.	Acknowledgement/ Copies of Income tax refund (ITR) filed for last three financial years i.e. 2016-17, 2017-18, 2018-19		
11.	Copy of Certificate of Registration /Copy of certificate of incorporation / partnership deed (if applicable)		
12.	Copy of valid GST registration		
13.	Copy of valid PAN card		
14.	Undertaking by the bidder for not being barred by any State/ Central Government/PSU (Annexure III)		
<b>Financial Proposal</b>			
15.	Commercials bid (Annexure VI)		

## 2 Annexure II: 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 **RFP for Selection of Agency for Supply, Installation, Commissioning and Support of ICT Infrastructure for Gujarat Fibre Grid Network Limited, Dept. of Science & Technology, Government of Gujarat (Reference No: GFG/DST/BharatNet/ Infrastructure /2020/490)**” 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.

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:

### 3 Annexure III: 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	
<b>Basic details</b>			
	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)	2016-17	
		2017-18	
		2018-19	
	Address of office in Ahmedabad/ Gandhinagar (if any)		
<b>Details for registration under Companies Act, 1956</b>			
	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		
<b>Details for registration with appropriate authorities</b>			
	GST registration details (Registration number and details)		
	PAN No		

Authorized Signatory

Seal of the Company

Name & Designation

Date

**4 Annexure IV: 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 **RFP for Selection of Agency for Supply, Installation, Commissioning and Support of ICT Infrastructure for Gujarat Fibre Grid Network Limited, Dept. of Science & Technology, Government of Gujarat (Reference No: GFG/DST/BharatNet/ Infrastructure/2020/490)** 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:

Request for Proposal (RFP) For Selection of Agency for Supply, Installation, Commissioning and Support of System and Network Hardware for BharatNet Phase II Implementation, Gujarat

**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 **RFP for Selection of Agency for Supply, Installation, Commissioning and Support of ICT Infrastructure for Gujarat Fibre Grid Network Limited, Dept. of Science & Technology, Government of Gujarat (Reference No: GFG/DST/BharatNet/ Infrastructure /2020/490)** 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 -----2019.

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

Request for Proposal (RFP) For Selection of Agency for Supply, Installation, Commissioning and Support of System and Network Hardware for BharatNet Phase II Implementation, Gujarat

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 \_\_\_\_\_ 2019.

Signed and delivered by

\_\_\_\_\_

For & on Behalf of

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



Request for Proposal (RFP) For Selection of Agency for Supply, Installation, Commissioning and Support of System and Network Hardware for BharatNet Phase II Implementation, Gujarat

**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 **RFP for Selection of Agency for Supply, Installation, Commissioning and Support of ICT Infrastructure for Gujarat Fibre Grid Network Limited, Dept. of Science & Technology, Government of Gujarat (Reference No: GFG/DST/BharatNet/ Infrastructure /2020/490)**, 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.

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.

Request for Proposal (RFP) For Selection of Agency for Supply, Installation, Commissioning and Support of System and Network Hardware for BharatNet Phase II Implementation, Gujarat

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

Request for Proposal (RFP) For Selection of Agency for Supply, Installation, Commissioning and Support of System and Network Hardware for BharatNet Phase II Implementation, Gujarat

**7 Annexure VII: Financial Bid Format**

S/ No.	Description of Item	UoM	Qty (A)	Unit Rate (w/o Tax) (B)	Total (C = A x B)	Taxes as applicable (%)
1)	Blade Server (Type 1 & 2) including Chassis	Lot	1			
2)	Storage	TB	100			
3)	L3 Switch	Nos.	2			
4)	Firewall	Nos.	2			
5)	42U Rack	Nos	2			
6)	Server Virtualization Solution	Lot	1			
7)	O&M Charges for three months	Lumpsum	1			
8)	Comprehensive AMC, Warranty and OEM Support for all Hardware mentioned for 5 years from the date of Go-Live/FAT	Lumpsum	1			
<b>Grand Total</b>						

**Note:**

1. Items shall include cost of Supply, installation, commissioning of all the required hardware, software, licenses, Accessories (cable, brackets etc.) as per the scope of work, functional and technical specification.
2. L1 will be the lowest sum total of rates of all line items without taxes
3. Above mentioned quantities are indicative and GFGNL deserves the right to increase or decrease the no. of System and Networking Hardware as per clause – 8 (b).
4. Bidder is required to quote one make & model for each line item. Further, bidder is not allowed to change the quoted make/OEM once the financial bids are open.

Request for Proposal (RFP) For Selection of Agency for Supply, Installation, Commissioning and Support of System and Network Hardware for BharatNet Phase II Implementation, Gujarat

**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 time lines 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.

We understand that any false information/commitment provided here may result in <OEM's Name> getting blacklisted/debarred from doing business with 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.
2. Any deviation would lead to summarily rejection of bid.

**xxxxxx-END-xxxxxx**