

Expression of Interest (EoI)
for
Selection of System Integrator for Implementing GIS Solution

BharatNet Phase II Implementation, Gujarat

Reference No: GFG/DST/BharatNet/GIS/2019/399

19th July 2019



Gujarat Fibre Grid Network Limited (GFGNL)

A Government of Gujarat Company

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

Table of Contents

Introduction.....	3
Purpose of EoI.....	4
Important dates	5
Instructions for submission of Expression of Interest	7
EoI Selection process	8
Eligibility Criteria.....	10
Technical Evaluation Criteria	11
Scope and Requirements	13
Web GIS	16
Mobile Application.....	17
Project Phase	17
O&M Phase	18
Proposed Timelines for GIS applications.....	20
Payment Terms.....	21
Penalties.....	21
Annexures: EoI Response Formats	24
Bid Document checklist	24
Annexure I: Cover Letter.....	25
Annexure II: Bidder Information Sheet.....	26
Annexure III: Self-declaration -Undertaking of not being barred by any State/ Central Government/PSU.....	27
Annexure IV: Format for Bank Guarantee format for Earnest Money Deposit (EMD)	28
Annexure V: Bank Guarantee for Performance Bank Guarantee (PBG)	30
Annexure VI: Financial Bid Format.....	32

Introduction

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.

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 in Gujarat shall be connected over the proposed fibre grid. GFGNL intends to create OFC infra highway by laying Optical Fibre Cable connecting all block with Gram Panchayat, including supply & installation of electronic equipment’s to enable the intended services.

GFGNL through separate tenders¹ 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

Prospective bidders are encouraged read through the RFPs floated by GFGNL for selection of PIAs to develop further understanding of project objectives, methodology, milestones and execution along with the roles & responsibilities of different agencies involved in the project. The mentioned RFP documents are available at <https://dst.gujarat.gov.in/tender.htm>.

¹ Request for Proposal (RFP) for Selection of Project Implementing Agency for BharatNet Phase-II project in the State of Gujarat under Gujarat Fibre Grid Network Limited (Package A)
Request for Proposal (RFP) for Selection of Project Implementing Agency for BharatNet Phase-II project in the State of Gujarat under Gujarat Fibre Grid Network Limited (Package B)

Purpose of EoI

Gujarat Fibre Grid Network Limited (GFGNL) through the Request for Proposal (RFP) for Selection of Project Implementing Agency for BharatNet Phase-II project in the State of Gujarat under Gujarat Fibre Grid Network Limited (Package A) mandated the selected agency to implement IT applications to support project execution and operations requirements of the RFP. This included implementation of following applications:

- Project Management Tool
- GIS
- Mobile Application for Project and O&M phase
- Web Portal
- ERP (including HRMS & Payroll, Inventory Management, Document Management System, Customer Relationship Management and finance and Accounts)
- NMS (Network management System)

Out of the above mentioned applications, the scope of supplying and installing GIS application and mobile application for project and O&M phase together with GIS application based integration with NMS and Project Management tool was curtailed due to nonperformance and on discovery of an attempt to deliver substandard product. This hampered the envisaged monitoring of project execution at management and day to day operations.

Currently GFGNL through its project implementing agencies have completed approx. 7000 km of trenching & ducting with 2000 km of OFC laying on ground. It was envisaged in the said RFP that on ground execution activities shall be captured through a GIS based mobile application enabling GFGNL to create a repository of highly accurate network data with enhanced project monitoring and reporting.

In the absence of the proposed mobile application and GIS platform, GFGNL is facing difficulties in accurately tracking the execution progress as complete monitoring is through paper based forms.

The purpose of the EoI is to select an implementing agency who has past experience of deploying GIS solutions for Telecom projects covering OFC laying and possess out of the box solutions ready for immediate deployment for GFGNL as per the scope mentioned in the EoI document.

Given the project status, the approach chosen is to select a partner who has out of box web and mobile GIS interface that can allow capture of OFC laying related assets such as trenching & ducting (T&D), fibre, OLT, ONT switch, route marker, joint chamber, RFMS, etc. accurately to 50 cm geographical precision. The successful bidder will then have additional six (6) month's time from the award of work to develop additional modules and integration with other applications to completely deliver the scope (Refer proposed timelines & scope mentioned in this EoI document for detailed milestones). The out of the box solution available on the day of technical presentation should also have capability to generate reports of cumulative work done, daily, weekly, incremental work done creating asset inventory.

Important dates

Gujarat Fibre Grid Network Limited (GFGNL) invites eligible firms / companies to indicate their interest in providing the services in conformity to this document. The particulars of Expression of Interest Document (Proposal) are:

S No	Information	Details
1.	Name of the work	Expression of Interest (EoI) for Selection of System Integrator for Implementing GIS Solution (Reference No: GFG/DST/BharatNet/GIS/2019/399)
2.	EoI Availability	EoI can be downloaded from 19.07.2019 https://dst.gujarat.gov.in/tender.htm
3.	Bid processing fee	Rs 25,000 (Rs Twenty Five Thousand Only) In the form of Demand Draft in favour of "Gujarat Fibre Grid Network Limited" drawn on any scheduled bank and payable at Ahmedabad/ Gandhinagar
4.	Contract period	Execution and Operation & Management phase (7 years)
5.	Earnest Money Deposit (EMD)	Rs 15,00,000 (Rs 15 lakhs only) Demand Draft in favour of "Gujarat Fibre Grid Network Limited" drawn on any scheduled bank and payable at Ahmedabad/ Gandhinagar OR EMD in the form of bank guarantee of validity for 180 days from the due date of bid submission in favour of "CFO, 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
6.	last of date of EoI response (bid)submission	Response to EoI should be submitted before 12:00 pm hrs on 30.07.2019 at the below mentioned address Chief Finance Officer (CFO), Gujarat Fibre Grid Network Limited (GFGNL), Block No: 1, 8th Floor, Udyog Bhavan, Sector-11, Gandhinagar: 382010
7.	Opening of EOI	30.07.2019 at 02:00 pm Gujarat Fibre Grid Network Limited (GFGNL) Block No. 1, 8th Floor, Udyog Bhavan, Sector 11, Gandhinagar-382010 In the presence of Representatives of applicants who wish to remain present.
8.	Date of Technical Presentation	31.07.2019 at 03:00 pm
9.	Opening of Commercial Proposal(s)	To be communicated to eligible bidder on a later stage

Venue for Technical Presentation

Committee room
Department of Science & Technology
Block No.7, 5th Floor,
New Sachivalaya, Gandhinagar

Interested bidders may obtain further information at following address:

Office of Head/Director (Technical & Infrastructure),
Gujarat Fibre Grid Network Limited (GFGNL)
Block No. 1, 8th Floor, Udyog Bhavan,
Sector 11, Gandhinagar-382010

Instructions for submission of Expression of Interest

1. Bidders shall read thoroughly the guidelines provided in this document before preparing EOI proposal.
2. Bidders who meet short listing criteria given in this document shall prepare EOI as per the guidelines given in this document. If the bidder feels to submit certain information not covered in the guidelines would be in his interest, he may submit such information. But required details as per EOI document must be submitted in stipulated formats only.
3. Duly response complete in all respects must be submitted together with a Letter of Intent not later than specified date & time mentioned in this document. Documents in support of all qualification information shall be submitted with application as required.
4. The response to EoI shall be the basis of drawing up a shortlist of eligible firms who will be qualifying for evaluation of financial proposals for services required.
5. The response to EoI and all related correspondence and documents should be written in the English language only. Supporting documents and printed literature furnished by Applicant with the Application may be in any other language provided that they are accompanied with translations in the English language. Supporting materials, which are not translated into English, may not be considered. For the purpose of interpretation and evaluation of the Application, the English language translation shall prevail.
6. GFGNL reserves the right to accept any or all bid and to annul the EoI process or to reject all bids at any time prior to award of contract.
7. GFGNL reserves the right to modify the evaluation process at any time during the EoI process, without assigning any reason, whatsoever, and without any requirement of intimating the Bidder(s) of any such change.
8. The response to EoI shall provide all the information sought under this Qualification Document. GFGNL would evaluate only those responses that are received in the required format and complete in all respects. Incomplete and/or conditional Applications shall be liable to rejection.
9. No claims whatsoever will be entertained if submission is not received by due date and time.
10. Responses to EoI shall be submitted under a sealed envelope clearly marked as “Reference Number: Expression of Interest (EoI) for Selection of System Integrator for Implementing GIS Solution”, along with the name and address of the firm. The outer sealed envelope shall further have three (3) separate envelopes sealed namely Envelope-A, Envelope-B and Envelope-C.
 - “Envelope-A” shall contain the EMD & DD
 - “Envelope-B” shall contain the Technical Proposal
 - “Envelope – C” shall contain the financial proposal
11. The response to EoI should reach the prescribed address mentioned through courier or in person and before the last date as mentioned in the EoI document. Any response to EoI received by GFGNL after the deadline for submission shall be returned unopened. GFGNL shall not be responsible for any postal or courier delays.
12. An authorized representative of the bidding firm shall sign the original submission letters in the required format for EOI submission and shall put initials on all pages with company seal/stamp.
13. All contents of the response to EoI should be clearly numbered, indexed and arranged in a sequence and shall be bound firmly.
14. All costs incurred by the Bidder in the preparation, submission and presentation, etc. of the proposal shall be absorbed entirely by the Bidder. All responses along with the supporting

document submitted by the Bidder in response to this EOI shall become the property of GFGNL.

EoI Selection process

1. GFGNL through this Expression of Interest process intends to consider those potential bidders that have the requisite capability and competency, in terms of technical strengths and readily available out of the box solution for scope defined as mandatory and also experience of carrying out similar projects to address this urgent requirement of GIS solution for GFGNL.
2. No joint venture or consortium of firms is allowed to participate in this EoI.
3. No subcontracting of work shall be allowed.
4. All the bidders will be assessed against the eligibility criteria as mentioned in the EOI.
5. Bidders having their EMD & DD in order and fulfilling eligibility criteria shall be required make a presentation and live demonstration of their proposed out of the box solution to GFGNL evaluation committee within 15 days of release of EoI.
6. The presentation and live demonstration of proposed product shall be evaluated against the technical evaluation criteria mentioned in the EoI document. The duration of presentation shall be 30 minutes excluding the questions & answers with the committee.
7. As part of EoI Presentation and product demonstration, bidder shall
 - a. Present the minimum requirements as per EoI technical eligibility criteria which are non-negotiable
 - b. Bidder shall obtain extra marks on demonstration of additional useful features for the project other than those mentioned but are useful to project. However, in that case bidder is mandated to provide those features to GFGNL along with the proposed product and the same needs to be considered in the price bid. No additional price consideration will be given for added features. Bidder should also note that it will be assumed that all features shown as part of technical presentation (for scoring) are part of solution delivery and are included in the price bid.
 - c. Such solution(s) not meeting the minimum requirements shall not be taken to the next stage of financial bid submission.
8. Time slot for 30 minute presentation and live demonstration to GFGNL shall be communicated to eligible bidders at a later stage (Tentatively next day after bid submission).
9. Only bidders meeting 100% conformity to GFGNL's bare minimum requirements as mentioned in the technical evaluation criteria shall be eligible for financial evaluation..
10. After the evaluation of the financial proposals, combined evaluation will be carried out as per below mentioned methodology:

For combined evaluation, the following abbreviations are used –

- Ts = Technical score
- Fm = Lowest evaluated financial proposal
- Fs = Maximum financial score
- F = Price of the proposal under consideration
- T = Weight given to the Technical Proposal
- P = Weight given to the Financial Proposal
- S = Combined score

The combined evaluation will be carried out as follows –

The lowest evaluated Financial Proposal (Fm) will be given the maximum financial score (Fs) of 100 points. The financial scores (Fs) of the other financial proposals will be computed as per the following formula -

$F_s = 100 \times F_m / F$, in which F_s is the financial score, F_m is the lowest price and F the price of the proposal under consideration.

Proposals will be ranked according to their combined technical (Ts) and financial (Fs) scores using the weights (T = the weight given to the Technical Proposal; P = the weight given to the Financial Proposal; T + P = 100), which is S (combined score) = $T_s \times T\% + F_s \times P\%$.

The weights given to the Technical and Financial Proposals are:

T = 40 and P = 60

11. GFGNL may seek such clarification/information/document as may be required for it to satisfy the eligibility of the bidders. Failure on the part of the bidder to submit such information within the stipulated time, may entail cancellation of the bid of such bidder
12. If any information provided by the Bidder is found to be inaccurate at any stage of the EOI process, GFGNL may, at its discretion, reject the offer of and no correspondence will be entertained in this regard. Submission of wrong and / or false information may also disqualify the Bidder from any future work from GFGNL.
13. GFGNL reserves the right to cancel the EoI process.
14. This EoI does not constitute an offer by GFGNL.
15. The bidder's participation in this process may or may not result in the Purchaser selecting the bidder to execute the project.
16. 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.
17. The successful bidder who is awarded the contract shall be required to deposit a Performance bank guarantee (refer annexure V) @ 10% of the total value of the contract in the form of Bank Guarantee from any scheduled bank in favour of "CFO, 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.
18. The successful bidder shall sign a contract with GFGNL within 7 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.

Eligibility Criteria

S No	Criteria	Supporting Document
	Eligibility Criteria	
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	<p>Certificate of Incorporation in respect of the applicant organization issued by Registrar of Companies or a partnership deed duly registered under the Partnership Act</p> <ul style="list-style-type: none"> •Certificate of Commencement of business •Certificate consequent to change of name, if applicable
2.	The bidder should have minimum average annual turnover of Rs 10 Cr from the business of IT/ITES services (preferably GIS) in the last three financial year (2016-17, 2017-18 & 2018-19)	Certificate from the Statutory auditor / CA clearly specifying the annual turnover for the specified years
3.	The bidder and the 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 .	<p>Self-Undertaking by the bidder and the OEM of proposed product</p> <p>Refer format (Annexure III)</p>
4.	The bidder should have at least 10 fulltime employees working on its payroll, engaged in GIS development services.	Self-undertaking by the bidder on its letterhead signed by authorized bid signatory / HR (head)

Technical Evaluation Criteria

Bidders are required to demonstrate below mentioned technical prequalification specifications for proposed solution. The bidder is required to demonstrate these minimum features as part of technical evaluation to qualify for financial bid. It is expected that these minimum functionalities shall be available on day zero (o) of product deployment.

Bidders should not invest much time for company information and past experience and are encouraged to make thoughtful use of allocated 30 minute slot.

S No	Criteria	Marks
Demonstration of Proposed Solution		
	Mobile Application must (have)	Marks
1.	Provision to capture details of trenching & ducting, OFC laying activities capturing depth, protection type, duct, fibre, OLT, ONT, switch, route marker, joint & loop chamber, RFMS,DWDM, splitter, etc. with serial number and other inventory details. The app would accordingly build inventory diagram which will be available on mobile application as well as web application	10
2.	Be able to show planned network and actual execution work as separate layers with different color coding	5
3.	facility to capture pictures , documents in various formats (PDF, JPG, PNG, etc.) and attach with specific inventory item in line item #1 with specific lat-long values	5
4.	Record separate layers for trenching & ducting work done by separate roles with different color coding. The inbuilt workflow should allow reviewer / approver to edit and validate the data and then the final layer to be stored as final layer with audit logs of validation and changes.*	15
5.	Integrate with DGPS – Garmin, Leica, Trimble, EoS, etc.	10
6.	allow viewing of entire inventory on base map with required resolution for area covered under the project	10
7.	In case there is no network connectivity, the application should allow user to capture data in offline mode, it should synchronize with the centralized server/database as, and when network connectivity is regained.	5
8.	Capability to download low resolution base map with planned network for a particular AOI to work in offline mode	5
9.	Capability to show dashboards for management users for project execution progress and O&M phase with summary report of work progress (cumulative and daily /weekly intervals asset wise)**	20
	Web GIS Interface must have	
10.	Facility to import planned network available KML / KMZ/Shape file format	10
11.	Ability to show different layers as per defined zoom scale	5
12.	Facility to perform basic operations zoom in, zoom out, pan, identify, select , query, print map view as pdf, etc.	5
13.	Facility to generate map enabled management dashboard for project execution phase highlighting T&D progress and asset wise progress	5
14.	Facility to generate reports for daily progress execution agency wise, user wise , area specific, date wise etc.	5

S No	Criteria	Marks
	Additional Features	
15.	Any extra feature in line with project requirements	10
	Total	125

The marks obtained by the bidder (out of total 125 marks) during the technical evaluation shall be scaled down considering the total marks as 100 for technical evaluation.

The minimum qualifying score in technical evaluation is 60 marks out of 100 marks and only those bidders who secure the minimum 60 marks shall be eligible for financial evaluation.

*The project implementing agency (PIA) personal shall record on ground trenching & ducting activities using the proposed mobile application with a GPS device which shall be stored as spatial layer(s). Afterwards a third party auditor (TPA) individual shall record on ground work using the same mobile application. TPA person should be able to see data filled by PIA for that particular area and should be able to edit PIA's work and provide review comments. System should also allow TPA to create its own layer for T&D work if it is found that data created in not correct.

Similar rights as of TPA should be given to GFGNL officials as they should be able to see both PIA and TPA data.

The mobile application will be scaled up further for the O&M phase to integrate with NMS and PMS, Inventory so that it becomes management interface for monitoring as well as for management action for all assets and networking requirements.

The final layer to be stored in the database should have complete logs of edit history with review comments.

**Bidder shall have 15 days' time post award of work to develop specific reports (For the implementation phase) as per Project requirements.

Scope and Requirements

Gujarat Fibre Grid Network Limited (GFGNL) intends to procure services of a competent firms for establishing a GIS system to help in management, analysis, and display of its fibre network to be created (accurately to 50 cm geographical precision) as part of BharatNet Phase II implementation with seven (7) years of operations & Management.

Intended use of envisaged GIS is for Optical Backhaul and Access Network layout planning, capturing of field data, tracking OFC route, auto computing project progress, viewing MIS reports from NMS and viewing web dashboard.

The software components envisaged as part of project execution comprises of following:

- Human Resource management System (HRMS), Customer Resource Management (CRM), Finance & Accounts, Web portal and Document Management System (DMS)
- Network Management System (NMS) and Ticketing & Helpdesk solution
- GIS

The management dashboard of the GFGNL shall show entire asset inventory, status of each & every network device along with their commercials, customer information, etc. The GIS platform shall create mapping of each asset to form hierarchical as well as logical network of GFGNL.

The entire asset inventory created at the time of implementation including OLT, ONT, Switch, Customer premise equipment, router, RFMS, etc. shall be created on a separate GIS layer with capturing the details like serial number, Lat-long, make & model, type, etc. The details captured from the field shall become the part of the inventory of the GFGNL.

NMS will push the status of each assets such as working, not working, error, alert, etc. These details shall be displayed on GIS Platform. The ERP shall create the user rights. The ERP shall also integrate for CRM, invoicing, F&A, etc.

There the GIS infrastructure shall be central to the working of all three applications and will have to integrate with other two components closely.

For detailed interaction of three component, please refer the detailed software scope mentioned in this EoI Document and the RFP floated for selection of PIA available at

https://dst.gujarat.gov.in/Images/pdf/RFP_Gujarat-BharatNet-Phase-II_23rd-March-2018-Package-A.pdf

Currently M/s ITI limited has engaged knowarth technoloies for ERP solution on open source idempiere platform and Motodata for NMS and ticketing solution which are under evaluation by GFGNL.

The scope of work envisaged by GFGNL for Implementation of GIS Solution is as given below:

1. The selected agency shall import available planned network with the deployment of application. The planned network layers shall be provided by GFGNL in KML/ .SHP format.
2. The application should have updated state, district, and talukas boundaries layers which shall be required to be updated as and when change is notified by Government of Gujarat.

3. The application should have other supporting layers such as road (boundaries and Centre line), railway network, other geological features like forest, river & Canal, water bodies, etc. to be procured by selected agency. These layers should be latest as per the start date of the project and need not to be updated during the project lifecycle.
4. Bidder may propose online commercial maps available as a service as part of proposed solution. In relation to resolution for base map, the map must display City areas of Ahmedabad, Vadodara, Surat, Rajkot and Gandhinagar with better than 2-metre² resolution and rest of the state, should be displayed with a resolution of better than 5 metre. The base map is not required to be downloaded and hosted at state data centre, Gandhinagar. The subscription for base map services (with satellite imagery and vector view) proposed as part of solution should be in the name of Gujarat Fibre Grid Network Limited (GFGNL) covering the complete contract period.
5. The proposed application should be designed in such a way that it should work on any smart phone and Android/iOS operating system.
6. Bidder is required to propose the licenses / products as per the scope mentioned. Bidder is required perform editing, snapping, error correction, etc. of data coming from mobile users. Also GFGNL shall provide planned network of PIAs as KML/SHP files which is required to imported in the proposed GIS. GFGNL shall not provide any licenses to the selected agency. Any product or services by any OEM debarred by any Government/Government institution including GFGNL should not be supplied.
7. The bidder should appreciate that the minimum requirement on the day of technical presentation and minimum deliverables during T+15 have been identified and listed to ensure minimum required monitoring and supervision for on going field work under the project. However the bidder is required to sit with GFGNL office and fully understand the integration requirements as well as deliverables in the context of the overall software package to deliver the complete management information and operation system built on the GIS platform. Towards that end, the bidder shall depute resources to do business requirements study during the T+15 phase and shall deliver complete solution as per the scope. In addition the bidder shall provide one(1) full time developer resource for one(1) year (from T+15) to cater to the additional requirements which are not captured in this EoI document and which will known after SRS study is completed for the next one year as part of continuous development.
8. Resource Deployment:
 - The selected agency shall deploy GIS professional for complete contract period at GFGNL office in Gandhinagar to support lifecycle requirements of provided GIS solution.
 - The deployed staff shall be a mix of application development, application support, application administration, data management etc. professional trained on the proposed application as per requirement of GFGNL project.
 - The resources deployed for O&M phase should have knowledge of deployed application as well as custom development done for GFGNL.

² 2-metre resolution is map resolution in terms of identification. Hence, a 2-metre feature (say a car) should be identifiable as a car on map with clarity. 50 cm accuracy is in relation to mobile application and DGPS integration. The GPS co-ordinates to 50 cm accuracy will be captured by DGPS transferred to mobile application, through to WebGIS where they should be marked to 50 cm precision in relation to true GPS co-ordinates.

- The proposed resources should have a minimum of three (3) years of GIS implementation experience. Below is the minimum indicative number of resources to be stationed at GFGNL. The bidder is required to provide manpower as per actual requirements and the scope of work mentioned in the EoI document. GFGNL shall not pay any cost for additional resources deployed.

Project Phase	Number of resources
Execution phase	5
Operations & Management Phase (7 years)	2

- In case deployed resources are found incompetent, the selected agency shall replace such resources within 15 days on receiving a notice from GFGNL.
 - The support will address all user level queries, fixing bugs, enhancements, changes to configurations, customizations, patch updates, upgrades, database administration, security etc. The Operation & Maintenance of the Overall System Solution (including but not limited to System Software, Application Software and other Infrastructure) shall be for the entire contract tenure.
 - The selected agency shall have to provide necessary infrastructure to their deployed personals including connectivity. GFGNL shall only provide seating space to them.
9. The selected agency conduct training sessions on GIS application(s) as and when required in GFGNL office at Gandhinagar.
 10. The selected agency shall provide Annual Maintenance contract (AMC) of the proposed solution for 7 years.
 11. The selected agency shall support migration of existing data available at GFGNL and other migration requirements during the contract period.
 12. The selection agency shall support creation and grouping of spatial layers based on mapping/ ground verification and physical survey. It should allow viewing of layers at a particular zoom scale.
 13. The selection agency shall develop tools and provide support for GIS web based Planning and Analysis, Integration with Monitoring System and generation of reports.
 14. The selection agency shall develop GIS based Workflows, templates, Dashboard and MIS reporting as per GFGNL's requirements
 15. The selection agency shall perform administration, access and user rights etc. for deployed applications.
 16. The selected agency shall be responsible to extend support to migrate data to any 3rd party software which will be procured by GFGNL after completion of contract period or in the event of termination of contract.
 17. The selected agency will have to perform API integration(s) as per requirement with other systems of GFGNL (not limited to ERP, PMS,NMS, BBNL GIS for updating progress of executing work)during the contract period at no additional cost to GFGNL
 18. The selected agency shall be responsible to liaison with State Data Centre, Gandhinagar for all deployment and maintenance related activities for deployed software. All application should meet compliance standard of SDC, Gandhinagar.

19. The mobile application shall be used as a frontend to capture the asset location details based at the field level. These details shall be captured using DGPS which shall be procured by the PIA/TPA to provide an accuracy of 50cm.

These DGPS shall enable connection to the mobile application device/application using Bluetooth/USB/Wifi (disabling the mobile own's GPS). The application shall allow connectivity through the mobile device and capture or log these details and update the same in database. .One of the selected PIAs, has already purchased GARMIN eTrex 10 Devices hence the proposed mobile application is required to interface with the mentioned as well as all GPS receivers not limiting to Garmin, Leica, Trimble, EoS

20. The selected agency shall provide asset codification to network inventory assets and equipment's as per BBNL /GFGNL guidelines
21. The proposed mobile and web application shall use single database.
22. The selected agency shall provide following documents during the project implementation & operations phase:
- User manuals and Self-help training material for application(s) installed.
 - Installation & Configuration manuals for all modules/installations
 - Data base schema, application architecture, table structure and source code for application developed for GFGNL during exit from project
 - Any other document(s) required by SDC, Gandhinagar as part of compliance
 - Any other application performance, data migration plan and/or bugs fixation report required by GFGNL

Web GIS

S. No.	Functional Requirement
1.	The survey completed by both PIAs during the tender phase would have to be loaded on the GIS platform prior to start of project
2.	The GIS should facilitate creation of multiple layers on the base map, such layers should include minimum of topographic design, HDD, trenching, ducting, fibre laying, reinstatement, passive optical components, electronics, civil TPA and OTDR results
3.	The GIS should allow generation of reports (for each layer such as topographic design, HDD, trenching, ducting, fibre laying, reinstatement, passive optical components, electronics, and OTDR/LSPM results) for field activities area-wise (Village, Taluka, District)
4.	The proposed GIS should have basic GIS tools such as zoom in, zoom out, pan, identify, select , query, print as map view as pdf, etc.
5.	The GIS system should allow querying on spatial and non-spatial attributes
6.	Facility to perform complex spatial operations not limited to spatial intersect, buffer analysis, etc. The GIS system should allow to perform spatial queries like buffer , intersect on more than one spatial layer
7.	The GIS system should interface with the project management tool to facilitate data exchange and mark completion of tasks allocated to the resources
8.	The GIS system should interface with the incident management system, ticketing system, NMS, OTDR to identify impact of a component failure during the O&M phase of the project. GIS to enable fault's location, different layers, fibre connectivity & tracing, view & edit connection details, etc.

S. No.	Functional Requirement
9.	The GIS should have a web based version and mobile based version with features to update in an offline mode
10	A consolidated view should be available on the GFGNL web portal with layer selection menu
11.	Asset mapping and Fibre Management – Fibre to fibre, fibre to panel connectivity , upward & downward tracing , editing of spatial network ,cable route specific reports, fault location, etc.
12	The proposed GIS should integrate with ERP system to exchange Inventory Creation and Maintenance information
13	The proposed system shall be having a role based access through Single Sign On. The SSO solution shall be provided by the ERP solution provider using Active Directory/LDAP authentication. The user credentials shall be created on SSO
14	To enable real time monitoring of equipment, alerts, status, etc. on a map, the proposed GIS should exchange data with NMS to pin point the exact location of incident along with latitude & longitude
15	Support creation and grouping of spatial layers for different package(s) defined by GFGNL for projection execution
16	The proposed GIS should provide a daily, weekly, fortnightly and monthly and cumulative summary report providing Trenching & Ducting and verification work done by the GIS users
17.	<p>For mobile GIS user, please consider the following User count for sizing purpose:</p> <ul style="list-style-type: none"> • During Implementation phase: <ul style="list-style-type: none"> ○ Concurrency : 100 user ○ Total user Count: 750 • During O&M phase <ul style="list-style-type: none"> ○ Concurrency : 50 user ○ Total user Count: 400 <p>Concurrency of users is in the context of user simultaneously accessing server from any channel. Please note every user will be a user of mobile GIS with both view and edit rights. Also every user will be a user of Web GIS. However, Only 10 users will have edit rights while others will have view rights</p>

Mobile Application

The selected agency would like to have a single mobile application for both project and O&M phases

Project Phase

The purpose of the app is to facilitate leadership team and O&M team with viewing of data from NMS and Project Management tool during O&M phase and act as an interface for handling O&M activities.

The mobile application shall allow user to update inventory details, attach field documents, raise or update resolution status of incident/fault for activities not limited to fibre patching, equipment installation/repair, hardware failure, customer and monitor status of tickets generated for issues mentioned above.

The proposed application is required to integrate with other software application (ERP, NMS, project management tool) installed at GFGFNL.

S.No.	Functional Requirement
1.	The Native Mobile Application must work on both, Android and iOS devices; the PIA shall be responsible for uploading the application to Google Play and App Store
2.	The app should be in English language
3.	The mobile application should be functional in 2G, 3G and 4G network. Also the application should allow log in in to the application & capturing data in offline mode.
4.	The app should have role-based access – ‘Management’ and ‘Delivery’
5.	The app should be integrated to the web-portal, the inventory management module and the document management system where aggregate details captured can be viewed
6.	The app should track the location of users working on different sites, their activity details, provide process flow of different activities through checklists, Activity lists, etc. and have provisions to enter equipment details such as BOM code, Equipment Manufacturer, Equipment code, lat-long, etc. along with facility to upload documents in PDF, JPG/JPEG format.
7.	Capability to capture the document through mobile devices. Using mobile app the users should be able to upload documents to the document management system (TPA Reports)
8.	The app should provision to update activities completed, length of fibre laid and each of accessory/ equipment installed etc.
9.	The layer selection option should be there in the proposed mobile application
10.	The app should be integrated with the proposed GIS software to plot the laid fibre on layers based on status and condition
11.	The Dashboard, available on the web-portal, should also be available on the mobile app for specific roles after discussion with the department
12.	The application shall have option to push progress data manually and support automated push of the data every 8 hour or whenever connectivity with database is established
13.	No backdated status entry into the progress report would be allowed. Time stamping would be of the current date only. The data entered on the given date may be uploaded as a batchfile when internet access becomes available in subsequent

O&M Phase

- a. The purpose of the app is to facilitate leadership team and O&M team with viewing of data from NMS and Project Management tool during O&M phase and act as an interface for handling O&M activities. The PIA will have to provide tablets / equivalent smart phones to field staff to operate mobile application during O&M phase.

Sr. No.	Functional Requirement
1.	The app should provide role based access to leadership team and O&M engineers for viewing dashboards and key indicators.
2.	The application should allow log in in to the application & capturing data in offline mode.
3.	The Dashboard, available on the web-portal, should also be available on the mobile app.

4.	The app will act as a single interface for NMS alerts, triggers to respond at field level O&M staff for O&M activities. The app will provide facility to O&M field staff to view and update complains & tickets.
5.	The app will provide view of route diagrams in between selected locations, asset related information like asset ID / Equipment code, equipment manufacturer, equipment details, lat-long etc.
6.	The app will facilitate retrieving contact information of FRT teams and patrollers.
7.	The app will provide facility to O&M field staff to capture lat-long of fault location and lat-long of end to end restoration work completed.
8.	The app will provide facility to O&M field staff to capture field photos after fault restoration.
9.	The mobile application will interface with the incident management to report closure of incidents. The same application should be used by patrol teams to report incidents to the central team during O&M phase of the project.
10.	No backdated status entry would be allowed. Time stamping would be of the current date only. The data entered on the given date may be uploaded as a batch file when internet access becomes available in subsequent.
11.	The Mobile Application must work on both, Android and iOS devices; the PIA shall be responsible for uploading the application to Google Play and App Store.
12.	The app should be in English language
13.	The mobile application should be functional in 2G, 3G and 4G network.
14.	The mobile application should provision for planned maintenance activities
15.	The mobile application should integrate with NMS for new customer/connection creation. It should enable user to raise a ticket in NMS for new connection.
16.	The mobile application should allow download low resolution map base map and fibre inventory for a particular area of interest

Deployment landscape

1. The selected agency shall be responsible to develop, deploy and maintain a GIS system catering to a maximum of 750 users with a concurrency of 100 users.
2. The selected agency shall provide all required licenses of proposed solution, associated databases, all system software's(Operating System, etc.) with support for entire contract period required for the proposed COTS/ open source application.
The selected agency shall be required to intimate the compute requirement to GFGNL before deployment (i.e. Cores, RAM and storage).
The proposed software should be compatible with the virtualized environment. GFGNL shall only provide virtualised machines (VMs) with required cores and RAM.
Successful bidder shall have to bring Operating System, Environmental software with other libraries, database licenses, etc. needed to deliver the solution.
Likewise the bidder shall be responsible for O&M as well as AMC of all that which is been proposed to deliver the solution and the cost towards the O&M and AMC shall have to be factored in the price bid.
3. GFGNL shall only provide VMs with required core, RAM and storage in State Data Centre (SDC) environment (Government of Gujarat Private Cloud) with antivirus at Gandhinagar.
4. All license should perpetual and be factored in for the entire life contract period and shall be in the name of Gujarat Fibre Grid Network Limited (GFGNL).

Proposed Timelines for GIS applications

S No	Milestones #	Timelines (T- Date of issuance of Work order)	Deliverables
Execution Phase			
1.	Milestone #1 (a)	T+ 7 Days (calendar days)	<ul style="list-style-type: none"> Submission of request for Security audit of proposed application GFGNL shall bear the cost associated with security audit of application.
2.	Milestone #1 (b)	T+ 15 Days (calendar days)	<ul style="list-style-type: none"> Mobile Application with configured users as per GFGNL requirement and workflow <ul style="list-style-type: none"> 750 users (GFGNL, PIA and TPA) (minimum on android OS) Web GIS application with configured planned network diagrams in to proposed application and incremental data coming from field mobile application with basic GIS tools accessible to GFGNL staff and limited users (30) from PIA & TPA. Daily, weekly, fortnightly and monthly and cumulative report of Trenching & Ducting work and verification work done by GIS users Deployment of GIS resources at GFGNL
3.	Milestone #2	T+2 Months	<ul style="list-style-type: none"> Web GIS enhanced viewing capabilities like summary of execution work done cumulative with an option of selecting date range and as per map scale and active summary view, layers visible at different zoom scale , layers grouped according to the firm (PIAs and TPA) with different symbols etc. Facility to perform complex spatial operations not limited to spatial intersect, buffer analysis, etc Successful interfacing with Project management tool and ERP GIS based project management dashboard for GFGNL web portal Mobile application on both Android and IOS platform
4.	Milestone #3	T+6 Months	<ul style="list-style-type: none"> Web based GIS application as per GFGNL's requirements as per scope Commissioning of Mobile App for O&M phase integrated with NMS 3rd party integration – BBNL GIS system, etc.
Operation & Management Phase			

S No	Milestones #	Timelines (T- Date of issuance of Work order)	Deliverables
5.			<ul style="list-style-type: none"> Seven (7) years from successful implementation of milestone #3

Payment Terms

S No	Milestone	Payment
1.	Successful completion of milestone #1 (a+b)	20 % of (58% of Contract value)
2.	Successful completion of milestone #2	30% of (58% of Contract value)
3.	Successful completion of milestone #3	30% of (58% of Contract value)
4.	Stabilization period (3 months from successful completion of milestone #3)	20% of (58% of Contract value)
5.	Operation & Maintenance phase	Remaining amount shall be paid in 28 equal Quarterly Instalments i.e. 1.5% of contract value per quarter

Penalties

In case of delay of timelines, penalties shall be levied on the bidder. Penalties are exclusive.

Project execution phase

S No	Milestone	Penalties
1.	Milestone #1 (a+b)	Weekly Penalties First two (2) weeks – 2 % of contract value per week Next two (2) weeks – 4 % of contract value per week Delay of more than 4 weeks – termination of contract
2.	Milestone #2	Fortnightly Penalties First two (2) fortnight : 1% of contract value per fortnight Next two(2) fortnight : 1.5 % of contract value per fortnight Every fortnight further : 2% of contract value per fortnight
3.	Milestone #3	Monthly Penalties First two(2) months : 0.5% of contract value per month Next two(2) months : 1% of contract value per month Every month further : 1.5% of contract value per month

Manpower availability

S No	Component	Timelines	Penalty
1	Non deployment of proposed resources	T+ 15 Days	A penalty of Rs 2000/- per resource per day for non-deployment as per EoI Scope.
2	Manpower Availability	Instance beyond admissible leaves	Non reporting/ Un sanctioned leaves/ Absent / Non replacement

Expression of Interest (EoI) for Implementing GIS Solution

			<ul style="list-style-type: none">• Penalty of Rs 1000 per day or part thereof
	Prior intimated leave of absence will be allowed: 24 days per year per designated resource. If a resource is proceeding on leave or becoming absent is replaced with a resource approved by GFGNL, then such situation will not be treated as absence.		

Software Support

Any patch/ new fixes released by the OEM needs to be applied to the corresponding product within 7 working days. Any delay in applying the patch will attract penalty of Rs. 2000/- per day.

Any Software bug/ application related issue identified by GFGNL/ selected agency will be classified in types:

- Priority #1: System outage/ performance related issue effecting the overall functionality of the application i.e. web application and the mobile application.
- Priority #2: Having bearing on the day to day functioning of the deployed system/ availability of application (part functionality) for the GFGNL users, for example:
 - Unable to provide /fetch the necessary parameters/details to other software system of GFGNL like NMS, ERP, etc.
 - Unable to update the details on server from mobile or web application
- Priority #3 : Not having bearing on the day to day functioning of the deployed system

Resolution time & the penalty component for the bug fixing is given below (applicable on 24 * 7 basis):

Type of Issue	Resolution time (from the time of reporting of incident in the system or ticketing tool)	Penalty amount (exceeding resolution time)
Priority #1	2 hours	Rs. 4000/- (per hour)
Priority #2	4 hours	Rs. 2000/- (per hour)
Priority #3	24 hours	Rs. 500/- (for every 24 hour or part thereof)

Annexures: EoI Response Formats

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 IV)		
Technical Qualification			
3.	Cover Letter (Annexure I)		
4.	Bidder's information sheet (Annexure II)		
5.	Certificate from the Statutory auditor / CA clearly specifying the annual turnover for the specified years		
6.	Self-undertaking by the bidder for having sufficient Manpower on its letterhead signed by authorized bid signatory / HR (head)		
7.	Copy of Certificate of Registration /Copy of certificate of incorporation / partnership deed (if applicable)		
8.	Undertaking by the bidder and the OEM of proposed product for not being barred by any State/ Central Government/PSU (Annexure III)		
Financial Proposal			
9.	Commercials for delivering services as per scope of EoI (Annexure VI)		

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: 1, 8th Floor,
Udyog Bhavan,
Sector-11, Gandhinagar -382010

Sir,

I have carefully gone through the Terms & Conditions contained in the Expression of Interest (EoI) for Selection of System Integrator for Implementing GIS Solution. I declare that all the provisions mentioned in the EoI document are acceptable to my Company.

I/We agree for unconditional acceptance of all the terms and conditions set out in the EoI document (and subsequent clarification/corrigendum, if any) document .I/we agree that you are not bound to accept any EoI 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 EoI 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:

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				
1.	Name of the Bidder			
2.	Correspondence details of the Bidder:		Corporate Office	Local Office
3.	Telephone No & Email Address			
4.	Contact person details (Name, Designation, Contact number etc.), to whom all references shall be made regarding this EoI			
5.	Details of ownership (Name and Address of the Board of Director, Partners etc.)			
6.	Name of the authorized Signatory who is authorized to sign all the relevant documents			
7.	No. of years of experience of providing GIS related services			
8.	Annual Turnover for last three years (INR Lakhs)		2016-17	
			2017-18	
			2018-19	
9.	Net worth (INR Lakhs)			
10.	Address of office in Ahmedabad/ Gandhinagar (if any)			
Details for registration under Companies Act, 1956				
11.	Registration Number of the Bidder in case of company/LLP			
12.	Place of registration			
13.	Date of registration			
14.	Product/service for which firm is Registered			
15.	Validity Period, if applicable			
Details for registration with appropriate authorities				
16.	GST registration details (Registration number and details)			
17.	PAN No			

**Authorized Signatory
Company**

Seal of the

Name & Designation

Date

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

(To be submitted by agency & OEM on their letter heads)

To
Chief Finance Officer (CFO)
Gujarat Fibre Grid Network Limited (GFGNL),
Block No: 1, 8th Floor,
Udyog Bhavan,
Sector-11, Gandhinagar -382010

Sir,

In response to the EoI Ref. No. _____ dated _____ for “Expression of Interest (EoI) for Selection of System Integrator for Implementing GIS Solution”, 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:

Annexure IV: Format for Bank Guarantee format for Earnest Money Deposit (EMD)

To

Dated:

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

Whereas ----- (here in after called "the Bidder") has submitted its bid dated ----- in response to the EoI no: GFG/DST/BharatNet/GIS/2019/399 for Expression of Interest (EoI) for Selection of System Integrator for Implementing GIS Solution. 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

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 notwithstanding 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

Annexure V: 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 "**Expression of Interest (EoI) for Selection of System Integrator for Implementing GIS Solution**"(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 _____ (office/ Department) State/SIA 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 till 60 days post contract period (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.

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

Annexure VI: Financial Bid Format

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

S No	Component	Amount (in Indian Rupees)	Taxes, duties applicable (in %) (please specify)	Total amount (in Indian Rupees)
1	Total Cost of delivering services			

Authorized Signatory

Seal of the Company

Name & Designation

Date

Note:

- Payments shall be made by the GFGNL as per the terms and conditions of the EoI 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.