



GUJARAT INFORMATICS LIMITED

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**Bid for Purchase of
Broadband Seismographs on behalf of
Institute of Seismological Research, Gandhinagar,
Department of Science & Technology, Govt. of
Gujarat.**

(Tender no. HWT010917455)

Pre bid Meeting : 08.09.2017 at 1500 hours

Last Date of Receipt of Bid : 21.09.2017 till 1500 hours

Last Date of Submission of Bid Processing Fees & EMD: 21.09.2017 till 1500 hours

Date of Opening of Bid : 21.09.2017 at 1700 hours

Bid Processing Fee: Rs. 15,000

Gujarat Informatics Limited (hereinafter referred to as "GIL"), intend to invite offers through e-Tendering route for supply, installation, commissioning and maintenance of Broadband Seismographs (Broadband Seismometer and Digital Data Acquisition System i.e. DAS) on behalf of Institute of Seismological Research (ISR), Gandhinagar, Department of Science & Technology, Govt. of Gujarat (Tender no. HWT010917455).

ISR is monitoring the Gujarat state seismicity on 24 * 7 basis for whole year. In the existing set up 45 seismic stations are connected with VSAT and data is coming online in near real time at central station (Gandhinagar) on Scream server. The analysis is done using the Seisan Software for estimating the epicentral parameters of an earthquake. ISR desires to replace the old 20 BBS by procuring the new BBS.

Eligibility Criteria for the bidder:

The entities eligible for participating in the bid process shall be any one of the following two categories:

- Category 1: A Single Bidder
- Category 2: A Consortium of bidders as defined below (hereinafter referred to as "Consortium"). In case, foreign company wants to quote in this bid and he does not have presence in India, then they may quote through their authorized Indian entity.
 1. The consortium of maximum two (2) partners is allowed to participate in the bid. Either partner should fulfill eligibility criterion pertaining to their area of competence and one of them would be considered as Prime bidder as decided by them to whom the project would be given for execution and the Prime bidder would be responsible for execution of the complete project and comply with all terms & conditions of the bid.
 2. A consortium agreement must be submitted on Rs. 100 stamped paper duly signed by the consortium member. The consortium agreement must clearly specify the eligibility criterion which they fulfill and outline their roles and responsibilities.
 3. The authorized signatories of the consortium members should execute a Power of Attorney to nominate one person of the Prime bidder as an authorized signatory of the consortium. All authorized signatories of consortium members should submit Board resolutions by their respective entities in order to support their authorization to sign the document.
 4. The authorized signatory should sign all communications including the proposal and it shall be binding on both the consortium members.
 5. Every consortium member shall furnish an undertaking on the letter head of their respective companies stating that they have read and understood the entire tender document and agree with all the terms and conditions stated in the bid.
 6. A consortium member cannot participate as a member of any other consortium or apply in its individual capacity for this Project.
 7. The composition of consortium shall not be changed during bidding or period of contract including implementation and operation of this project.
 8. The purchase order will be issued to prime bidder. The performance bank guarantee will have to be submitted by the prime bidder and the payment will be released to prime bidder.

Item no. 1. Broadband Seismograph (BBS)

1. The bidder/any consortium partner should have average annual turnover of Rs. 1 crore for the last two years. The copies of Audited Annual Accounts for last two years shall be attached along with the bid. **(Form no. E-1)**
2. Bidder/any consortium partner should have supplied a minimum of 50 Nos. of quoted model of the Broadband Seismometers during the last 3 years. Further the bidder/any consortium partner shall provide a list of users of such Seismometers as in the present tender to whom they have supplied during the last three years along with the equipment performance report from at least three users. **(Form No. E-2)**
3. The bidder should be authorized by its OEM to quote this bid **(Form no. E-3)**.
4. The bidder/any consortium partner should be an authorized Indian representative of the manufacturer.
5. The Goods/Software and services offered for supply must be of the most recent versions / models incorporating the latest improvements in design. Further, bidder/any consortium partner should be in

continuous business of manufacturing products similar to that specified in the schedule of requirements during the last 3 years prior to bid opening, and should not be blacklisted by Indian or any state Govt. or any Govt. board/Nigam/institute/society/corporations etc.

(a) Bid of bidder/any consortium partner quoting as authorized representative of a manufacturer meeting with the above requirement in full can also be considered provided.

(b) The manufacturer furnishes authorization assuring full guarantee and warranty obligations.

(c) The bidder/any consortium partner shall furnish the information on the past supplies and satisfactory performance.

Note:

- 1. The authentic certificates / testimonials in proof of possessing above minimum eligibility criteria shall have to be enclosed with the tender documents failing which the tender shall be rejected out rightly. (An audited balance sheet with I.T. return and VAT/Service Tax documents to be enclosed for last two consecutive years).**
- 2. If someone does not have Sales office or doing sales in India then it is not mandatory to enclose the VAT/service Tax documents.**
- 3. If someone doing consortium and prime bidder from out of India then it is not mandatory to enclose the VAT/service Tax documents.**
- 4. Further, An audited balance sheet of last two financial years required (i.e. 2015-16, 2016-17) as per Form E1.**
- 5. If bidder do have An audited balance sheet of last two financial years then previous two financial year's audited balance sheet (2014-15, 2015-16) can be uploaded.**

Note: Bidders who wish to participate in this bid will have to register on <https://gil.nprocure.com>. Further 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. Bidders can procure the same from (n) code solutions – a division of GNFC Ltd., or any other agency licensed by Controller of Certifying Authority, Govt. of India. Bidders who already have a valid Digital Certificate need not procure a new Digital Certificate.

Scope of Work:

Item no. 1 Broad Band Seismograph (BBS)

1a. Broadband Seismometer

- Broadband Seismometers are instruments that measure motion of the ground, including those of seismic waves generated by earthquakes, volcanic eruptions, and other seismic sources. Records of seismic waves allow seismologists to map the interior of the Earth, and locate and measure the size of these different sources.
- The bidder has to supply 20 nos. of Broadband Seismometers with cable as per the specifications stipulated in this tender to ISR, Raisan, Gandhinagar, India. He has to demonstrate the workability of 20 nos. of Broadband Seismometers for continuous 2 days operation and integrate with online transmission with demonstration of software features supplied along with the Broadband Seismometers.
- All the supplied Broadband Seismometers, cable, and connectors etc. should be under two year warranty period from the date of acceptance of the goods.
- The Bidder is therefore required to supply, install, configure and integrate the complete H/w and S/w modules to meet the requirements as per Tender document, *and with the existing system of the ISR*
- *Additional 6 GPS will have to be supplied by the vendor in addition to 20 sets which will be used as spare.*

1 b. Digital Data Acquisition System (DAS) for BBS

- Digital Data Acquisition System is the process of sampling signals that measure real world physical conditions and converting the resulting samples into digital numeric values that can be manipulated by a computer. Data acquisition systems (DAS) typically convert analog waveforms into digital values for processing. The components of data acquisition systems include:
 - Sensors that convert physical parameters to electrical signals.
 - Signal conditioning circuitry to convert sensor signals into a form that can be converted to digital values.
 - Analog-to-digital converters, which convert conditioned sensor signals to digital values.
- The bidder has to supply 20 nos. of Digital Data Acquisition System (DAS) for Broad Band Seismometer as per the specifications stipulated in this tender to ISR, Raisan, Gandhinagar, India. He has to demonstrate the workability of 20 nos. of Digital Data Acquisition System (DAS) for Seismometer for continuous 2 days operation and integrate with online transmission with demonstration of software features supplied along with the Digital Data Acquisition System (DAS) for BBS.
- The DAS should be compatible with the sensors manufactured by OEM. The bidder has to provide all required compatibles like meeting connectors, cable, software/ hardware as per the sensor. The responsibility of integrating and demonstrating the complete working Seismograph unit *with the existing setup of ISR lies with the vendor.*
- Online data receiving Software should have the capability of receiving the online data, viewing data with different user selectable filter options along with Data retrieval and data processing facility. The license should be provided free of cost for lifetime (minimum 20 years).
- All the supplied Digital Data Acquisition System (DAS) for BBS should be under two year warranty period from the date of acceptance of the goods.
- The Bidder is therefore required to supply, install, configure and integrate the complete H/w and S/w modules to meet the requirements as per Tender document *and with the existing system of the ISR.*

1 c. Solar power set (Primary power source):

- Solar panel, charge controller, battery and all cables, connectors etc. so that power back up of minimum 7 days (BBS + DAS) is there.

1d. Batteries (For secondary power source):

- (12V, 100 AMP) (For secondary power source): Exide / Amaron, 100 Amp., 12 V SMF.

1 e. Battery charger set:

- Mean Well ESC/ESP-120/240 series compatible with above Battery.

The terms and conditions are as follows:

- 1 The last date of submission of bid on the website <https://gil.nprocure.com> is 1500 Hrs 21.09.2017. All the documents need to be uploaded online. Only bid-processing fees, EMD & bank guarantee has to be submitted in physical form. Further, GIL reserves the right to ask the bidders to submit additional documents and/or any other documents in physical form.
- 2 The bid is non-transferable.
- 3 **The Bidder may quote only one product against each item.** Bidders are required to mention make & Model of the product (Do not write "OEM" against items as bidders are expected to give make & model of the product).
- 4 The bidder will have to supply, install, commission & maintain and provide operational training for supplied BBSs and DAS and demonstrate the workability with the existing setup of ISR, Gandhinagar for 2 days (Continuous). However ISR will carry out necessary installation/integration across the state of Gujarat.
- 5 In case the quoted Item is not available in the market, the bidder will have to supply Higher Version/replacement of that Item in the quoted cost in the same time duration with prior approval of GIL. No "End of Life" product should be quoted to minimize such instances. (Make & Model quoted by the bidder should be available till the bid validity, duly supported for spares/OEM support for warranty period).
- 6 The Bidder shall bear all the costs associated with the preparation and submission of its bid, and GIL will in no case will be responsible or liable for these costs, regardless of conduct or outcome of bidding process.
- 7 The bid prepared by the Bidder, as well as all correspondence and documents relating to the bid exchanged by the Bidder and the Purchaser shall be written in English language. Supporting documents and printed literature & brochures furnished by the Bidder should be in English language.
- 8 The bidder has to upload the compliance letter on its letter head duly signed by the authorized signature & other supporting documents as asked for in the bid in scanned format. Failing to submit the same or non-compliance/deviation from any bid terms and conditions, eligibility criteria or technical specifications may result in rejection of the bid.
- 9 The Bidder has to examine all instructions, forms, terms, conditions and specifications in the bidding documents. Failure to furnish all information required by the bidding documents or submission of a bid not substantially responsive to the bidding documents in every respect will be at the Bidder's risk and may result in rejection of its bid.
- 10 The Bidder shall furnish, as part of its bid, documents establishing the eligibility and conformity to the bidding documents of all Goods/Software and services, which the Bidder proposes to supply under the contract.
- 11 The documentary evidence of the Goods/Software and services eligibility shall consist of a statement in the Price Schedule on the country of origin of the Goods/Software and services offered which shall be confirmed by a certificate of origin at the time of shipment.

- 12 The documentary evidence of conformity of the Goods/Software/Software and services to the bidding documents may be in the form of literature, drawings and data, and shall consist of:
- a detailed description of the essential technical and performance characteristics of the Goods/Software;
 - a list giving full particulars, including available sources and current prices, of spare parts, special tools, etc., necessary for the proper and continuing functioning of the Goods/Software for a period of two years, following commencement of the use of the Goods/Software by the Purchaser; and
 - an item-by-item commentary on the Purchaser's Technical Specifications demonstrating substantial responsiveness of the Goods/Software/Software and services to those specifications or a statement of deviations and exceptions to the provisions of the Technical Specifications
- 13 All the bids submitted shall also include the following information:
- (a) Copies of original Technical Bid documents defining the constitution on legal status, place of registration and principle place of business of the company or firm or partnership etc.
- (b) The bidder should furnish a brief write up backed up with adequate data, explaining his available capacity and experience – both technical & commercial, for the manufacture and supply of the required systems and equipments within specified time of completion after meeting all their current commitments.
- (c) The bidder should clearly confirm that all the facilities exist in his factory for inspection and testing and these will be made available to the purchaser or his representative for inspection.
- (d) Details of the Service Centers and information on the service support facilities that would be provided after the warranty period, Bidder should have a registered office or authorized Service centre or authorized representative in western region and preferably in & around the Gujarat state.
- (e) Reports on financial standings of the bidder such as profit & loss statement, balance sheets and auditor's report for the past three years.
- (f) Report on Past performance of items specified in the schedule of requirement in the academic institutes.
- (g) Original literature of the items specified in the schedule of requirements, Computer print outs of the literature will not be valid.
- 14 Amendment of Bidding Documents (Corrigendum)
- 14.1 At any time prior to the deadline for submission of bids, GIL may, for any reason, whether its own initiative or in response to the clarification request by a prospective bidder, modify the bidding documents.
- 14.2 The corrigendum will be published on website <https://gil.nprocure.com>.
- 14.3 In order to allow prospective bidders reasonable time to take into consideration the amendments while preparing their bids GIL, at its discretion, may extend the deadline for the submission of bids.
- 15 Bid Currency – **Prices shall be quoted in INR/USD/EURO/CAD. However the final price will be converted in to Indian rupees.** The currency conversion rates will be taken from RBI's conversion rate on the date of financial bid opening for **INR = Indian Rupee, USD = United States Dollar & EURO=official currency of Eurozone. For CAD = Canadian Dollar, the currency conversion rates will be taken from "http://www.hdfcbank.com/nri_banking/Foreign_Exchnng_Rates/Foreign_Exchnng_Rates.asp" on the date of financial bid opening.**
- 16 The Bidder shall indicate on the Price Schedule, the unit price and total bid prices of the Goods/Software/ it proposes to supply under the Contract. Bidders shall quote for the complete requirement of Goods/Software/Software and services specified under each schedule/item on a single responsibility basis, failing which such bids will not be taken into account for evaluation and will not be considered for award.

- 17 Prices indicated on the Price Schedule shall be entered separately in the following manner:
- The price of the Goods/Software, quoted (ex-works, ex-factory, ex-showroom, ex-warehouse, or off-the-shelf, installation and commissioning as applicable), including all duties and sales and other taxes already paid or payable:
 - a. On components and raw material used in the manufacture or assembly of Goods/Software quoted ex-works or ex-factory.
 - b. On the previously imported Goods/Software of foreign origin quoted ex-showroom, ex-warehouse or off-the-shelf.
 - Any Indian duties, sales and other taxes which will be payable on the Goods/Software if this Contract is awarded.
 - The price for inland transportation, insurance and other local costs incidental to delivery of the Goods/Software to their final destination; Destination of Goods/Software will be as mentioned in the schedule of requirement.
- 18 The Bidder will have to remit **Non refundable Bid Processing Fees of Rs. 15,000/- & Earnest Money Deposit (E.M.D.) of**
- **Rs. 5,50,000/- for Broadband Seismograph (BBS)**
- (Refundable)** on or before 21.09.2017 up to 1500 hours in a sealed cover at GIL office with the heading **"Bid Processing fees & EMD for the e-Tender No. HWT010917455 for supply, installation, commissioning and maintenance of Broadband Seismographs (seismometer + Digital Data Acquisition System DAS for BBS & Solar power set on behalf of Institute of Seismological Research (ISR), Gandhinagar, Department of Science & Technology, Govt. of Gujarat"**.
- ✓ Bid processing fees must be in the form of Demand Draft in the name of "Gujarat Informatics Ltd." Payable at Gandhinagar along with the covering letter.
 - ✓ EMD shall be submitted in the form of Demand Draft OR in the form of an unconditional Bank Guarantee **(which should be valid for 9 months from the last date of bid submission)** of All Nationalized Bank including the public sector bank or Private Sector Banks or Commercial Banks or Co-Operative & Rural Banks (operating in India having branch at Ahmedabad/ Gandhinagar) as per the **G.R. no. EMD/10/2016/328/DMO dated 01.05.2017** issued by Finance Department or further instruction issued by Finance department time to time in the name of "Gujarat Informatics Ltd." payable at Gandhinagar (as per prescribed format given at as per prescribed format given at **Annexure A**) and must be submitted along with the covering letter.
 - ✓ EMD in form of DD/BG has to be submitted by the bidder who is applying in this bid.
 - ✓ **The bidder who is bidding in consortium has to submit the EMD in name of Prime bidder in case of consortium.**
- Please affix the stamp of your company on the overleaf of demand draft.**
- 19 In case of non-receipt of Bid Processing fees & EMD as mentioned above within prescribed time the bid will be rejected by GIL as non-responsive.
- 20 Unsuccessful/disqualified bidder's E.M.D. will be returned as promptly as possible but not later than 15 days after the expiration of the period of bid validity OR upon the successful Bidder signing the Contract, and furnishing the Performance Bank Guarantee @ 10% of the total order value as prescribed by GIL, whichever is earlier.
- 21 In exceptional circumstances, GIL may solicit the Bidder's consent to an extension of the period of validity. The request and the responses thereto shall be made in writing. A Bidder may refuse the

request without forfeiting its E.M.D. A Bidder granting the request will not be permitted to modify its bid.

- 22 The Successful bidder has to submit Performance Bank Guarantee @ 10% of total order value within 30 working days from the date of issue of Purchase order (for warranty period + extra 3 months) from All Nationalized Bank including the public sector bank or Private Sector Banks or Commercial Banks or Co-Operative & Rural Banks (operating in India having branch at Ahmedabad/ Gandhinagar) as per the G.R. no. **EMD/10/2016/328/DMO dated 01.05.2017** issued by Finance Department or further instruction issued by Finance department time to time. (The draft of Performance Bank Guarantee is attached herewith).
- 23 Successful bidders will have to sign the contract upon receiving the Purchase order with the purchaser(s) within 30 working days from the date of Purchase order. (The draft of the Contract form is attached herewith)
- 24 The successful Bidder's E.M.D. will be returned upon the Bidder signing the Contract, and furnishing the Performance Bank Guarantee @ 10% of the total order value, offer of inspection of the ordered material and after completion of bid validity whichever is later.
- 25 The E.M.D. may be forfeited:
(a) if a Bidder withdraws its bid during the period of bid validity
(b) In case of a successful Bidder, if the Bidder fails:
(i) To sign the Contract as mentioned above or
(ii) To furnish performance bank guarantee as mentioned above or
(iii) If the bidder is found to be involved in fraudulent practices.

If the successful bidder fails to submit the Performance Bank Guarantee & sign the Contract Form within prescribed time limit, the EMD of the successful bidder will be forfeited.

GIL also reserves the right to blacklist such bidder from participating in future tenders if sufficient cause exists.

- 26 Termination for Default
- 26.1 The Purchaser may, without prejudice to any other remedy for breach of contract, by written notice of default sent to the Bidder(after providing notice/cure period of 30 days), terminate the Contract in whole or part:
- if the bidder fails to deliver any or all of the Goods within 90 working days from the date of purchase order, or within any extension thereof granted by the Purchaser or
 - if the Bidder fails to perform any obligation(s) under the Contract/Purchase order.
 - If the Bidder, in the judgment of the Purchaser has engaged in corrupt or fraudulent practices in competing for or in executing the Contract.

For the purpose of this clause:

"Corrupt practice" means the offering, giving, receiving or soliciting of any thing of value of influence the action of a public official in the procurement process or in contract execution.

"fraudulent practice : a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the purchaser, and includes collusive practice among Bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the purchaser of the benefits of free and open competition;"

- 26.2 In the event the Purchaser terminates the Contract in whole or in part, pursuant to Clause 19.1 above, the Purchaser may procure, upon such terms and in such manner, as it deems appropriate, Goods or Services similar to those undelivered, and the Bidder shall be liable to the Purchaser for any excess costs for such similar Goods or Services. However, the Bidder shall continue the performance of the Contract to the extent not terminated.
- 27 Price shall be inclusive of all freight, forwarding, transit insurance and installation charges.
- 28 Prices shall be inclusive of Excise Duties. The prices shall strictly be submitted in the given format. Prices shall be inclusive of all taxes including GST, which shall be applicable wherever written in the tender document. The prices shall strictly be submitted in the given format. **However, payments related to the customs duty is ISR's responsibility. The bidder has to submit all the required documents relevant to the supply of the goods for customs clearance. The final prices quoted for each item are CIF basis.**
- 29 Late Bids – The bidder will not be able to submit the bid after final submission date and time.
- 30 Modification and Withdrawal of Bids
- 30.1 No bids will be allowed to be modified subsequent to the final submission of bids.
- 30.2 No bid will allowed to be withdrawn in the interval between the deadline for submission of bids and the expiry of the bid validity. Withdrawal of a bid during this interval will result in the forfeiture of bidder's E.M.D.
- 31 Bids will be opened with the buyer's private digital key in the presence of Bidder's representatives, who choose to attend. The Bidder's representatives who are present shall sign a register/attendance sheet evidencing their attendance. The representative will be held responsible for all commitments made on behalf of the bidder and that will be considered valid for all further dealings related to this tender process. In the absence of the bidder(s), the tender committee may choose to open the bids as per the prescribed schedule.
- 32 The Bidder's names, Bid modifications or withdrawals, discounts and the presence or absence of relevant E.M.D. and such other details as GIL/GOG officer(s) at their discretion, may consider appropriate, will be announced at the opening.
- 33 **Evaluation of the bids:** After the closing time of submission, GIL/GOG committee will verify the submission of Bid Processing Fees & EMD as per bid terms and conditions. The eligibility criteria evaluation will be carried out of the responsive bids. The technical bids of the bidders who are complying with the eligibility criteria will be opened and evaluated next. Successful bidder will be decided based on the item wise lowest quoted rates as mentioned in financial bid section & then called for further negotiations if required.
- 34 The order may be split among a number of technically qualified bidders at the discretion of GIL. The bidder with overall competitive quote will be given preference on the ordered quantity.
- 35 The inspection of the Goods/Software/Softwares shall be carried out to check whether the Goods/Software/Softwares are in conformity with the technical specifications attached to the contract and shall be in line with the inspection/test procedures laid down in the Technical Specifications and the Conditions of contract. Following broad test procedure will generally be followed for inspection and testing of machine. The supplier will dispatch the Goods/Software to the ultimate consignee after internal inspection testing along with the supplier's inspection report and manufacturer's warranty certificate. The purchaser will test the equipment after completion of the installation and commissioning at the site of the installation.

- a. The acceptance test will be conducted by the purchaser/their consultant or any other person nominated by the purchaser, at its option. The acceptance will involve trouble-free and successful operations of online data receive software with filters. There shall not be any additional charges for carrying out acceptance tests. No malfunction, partial or complete failure of any part of hardware or excessive heating of electronic boards, drivers, hard disks etc. or bugs in the software should occur. All the softwares should be complete and no missing modules/sections will be allowed. The supplier shall maintain necessary log in respect of the results of the tests to establish to the entire satisfaction of the purchaser, the successful completion of the test specified. An average uptake efficiency of 98% for the duration of test period shall be considered as satisfactory.
- b. In the event of the hardware and softwares failing to pass the acceptance test, a period not exceeding four weeks will be given to rectify the defects and clear the acceptance test, failing which the purchaser reserves the rights to get the Goods/Software/Software replaced by the supplier at no extra cost to the purchaser.
- 36 The indenter's right to inspect, test and, where necessary, reject the Goods after the Goods arrival at Customer Site shall in no way be limited or waived by reason of the Goods having previously been inspected, tested and passed by the Purchaser or its representative prior to the Goods shipment.
- 37 **Delivery & installation:**
- Delivery: Within **90 working days** from the date of confirmed purchase order at Ahmedabad Airport. Upon delivery of the Goods/Software, the supplier shall notify the purchaser and the insurance company by cable/telex/fax/email the full details of the shipment including contract number, airway bill/ railway receipt number and date, description of Goods/Software, quantity, name of the consignee etc. The supplier shall mail the following documents to the purchaser with a copy to the insurance company.
 - ✚ 03 Copies of the Supplier invoice showing contract number, Goods/Software' description, quantity, unit price, total amount
 - ✚ Airway/Railway receipt/acknowledgment of receipt of Goods/Software from the consignee(s);
 - ✚ 03 Copies of packing list identifying the contents of each package;
 - ✚ Insurance Certificate
 - ✚ Manufacturer's/Supplier's warranty certificate
 - ✚ Inspection Certificate issued by the nominated inspection agency, and the Supplier's factory inspection report; and
 - ✚ Certificate of Origin
 - Supplier shall carry sufficient inventories to assure ex-stock supply of consumable spares for the Goods/Software, such as gaskets, plugs, washers, belts etc. Other spare parts and components shall be supplied as promptly as possible but in any case within six months of placement of order.
 - Installation: Within **60 working days** from the date of delivery of the material.
- 38 In case of successful bidder is found in breach of any condition(s) of bid or supply order/work order, at any stage during the course of supply / installation or warranty period, the legal action as per rules/laws, shall be initiated against the empanelled bidder and EMD/PBG shall be forfeited, besides debarring and blacklisting the bidder concerned for the time period as decided by Govt., for further dealings with GoG.

- 39 Bids shall be valid for **180 days** after the date of financial bid opening. A bid valid for a shorter period shall be rejected as non-responsive. If required, GIL may extend the bid validity for further period from the date of expiry of bid validity in consultation with the successful bidder.
- 40 Bidders are required to quote all items including optional add-ons as well. Incomplete bids will be treated as non-responsive and will be rejected.
- 41 **Insurance:** The Goods/Software supplied under the Contract shall be fully insured in Indian Rupees against loss or damage incidental to manufacture or acquisition, transportation, storage and delivery. For delivery of Goods/Software at site, the insurance shall be obtained by the Supplier in an amount equal to 110% of the value of the Goods/Software from "warehouse to warehouse" (final destinations) on "All Risks" basis including War Risks and Strikes.
- 42 **Penalty Clause for delay in delivery & installation**
- 42.1 If the bidder fails to deliver and install the requisite hardware and software within 150 working days of the issue of the confirmed purchase order, then a sum equivalent to one percent (1 %) of the total contract value shall be deducted from the payment for each calendar week of delay or part thereof.
- 42.2 The amount of penalty for delay in delivery & installation shall be subject to a maximum limit of 10% of the total contract value.
- 42.3 Delay in excess of 10 weeks will be sufficient to cause for termination of the contract. In that case the Performance Bank Guarantee of the bidder will be forfeited.
- 42.4 In case, the selected bidder does not supply the ordered items for any reason, the bidder will be liable to pay the difference amount to the purchaser, over and above the performance guarantee, which indenter department has to pay to the next or other selected bidder for purpose of the said items.
- 43 **Warranty**
- 43.1 **Warranty:** Comprehensive onsite warranty for 2 years from the date of installation of BBSs, DAS, solar power set, Battery & Battery charger set.
- 43.2 The bidder shall guarantee a 95% uptime of BBSs, DAS, solar power set, Battery & Battery charger set.
- 43.3 If the equipment gives continuous trouble, say more than 3 times in one month during the warranty period, the bidder shall replace the same with new equipment without any additional cost to the purchaser.
- 43.4 Maintenance service: Free maintenance services shall be provided by the Bidder during the period of warranty for 2 years.
- 43.5 In case, bidder is not providing satisfactory support & doing unwarranted delay in providing warranty support, Government offices reserves right to repair the equipment at risk & cost of the bidder.
- 44 **Operational/Warranty period Penalty:**
- 44.1 During warranty period, if the complaint is not resolved within 3 months the penalty of Rs. 5000 per day each for BBS, DAS, solar power set, Battery & Battery charger set will be levied. The amount of penalty will be recovered from the Performance bank guarantee during warranty period.
- 44.2 It is expected the average downtime of the item (system) will be less than half the maximum downtime. In case an item is not usable beyond the stipulated maximum downtime the bidder will be required to arrange for an immediate replacement of the same till its is repaired. Failure to arrange for the immediate repair/replacement will be liable for penalty of Rs.5000

per day each for BBS, for DAS, solar power set, Battery & Battery charger set. The amount of penalty will be recovered from the Performance bank guarantee during warranty period.

Note:

- ✓ Successful bidder should submit the Performance Bank Guarantee @ 10% of total order value for the duration of (for warranty period + extra 3 months) as per bid requirements. In any case, bidder is required to maintain 10% PBG at all time during the period of contract. In case of any penalty claimed from the submitted PBG during the contract period, the successful bidder is required to submit the additional PBG of the amount equal to the penalty claimed for the duration up to the validity of original Bank Guarantee. For example, "X" amount of penalty will be claimed during the 5th month of contract period, then bidder is required to submit the additional PBG of "X" amount for the period of 22 months i.e. 27 months – 5 months.

- 45 **Payment:** Payment for Goods and Services shall be made by the indenting department in INR/USD/EURO/CAD as follows:
- **In case of Indian Bidder:**
 - ✚ On Delivery: Eighty percent (80%) of the contract price shall be paid on receipt of Goods/Software and upon submission of the documents
 - ✚ On Final Acceptance: the remaining twenty percent (20%) of the Contract Price shall be paid to the supplier within 30 days after the date of the satisfactory demonstration of working of BBS and software at purchaser's site.
 - **In case of Foreign Bidder: The payment will be made by opening Letter of Credit (LoC) in the name of manufacturer/foreign bidder and will be released as below:**
 - ✚ On Delivery: Eighty percent (80%) of the contract price shall be paid on receipt of Goods/Software and upon submission of the documents
 - ✚ On Final Acceptance: the remaining twenty percent (20%) of the Contract Price shall be paid to the supplier within 30 days after the date of the satisfactory demonstration of working, and installation at purchaser's site.

For all the respective three items in this tender, the above procedure for payment will be followed.

- 46 GIL reserves the right to change any bid condition of any item even after inviting the bids, with/without prior notification.
- 47 GIL's Right to accept any Bid and to reject any or all Bids – GIL reserve the right to accept or reject any bid, and to annul the bidding process and reject all bids at any time prior to awarding the Contracts, without thereby incurring any liability to the affected Bidder or bidders or any obligation to inform the affected Bidder or bidders of the grounds for such decision.
- 48 The tendered quantities are estimated based on the receipt of the requirement from various Government offices. The quantities may decrease up to 50% of the bid quantity or increase up to 30% of the bid quantity at the time of finalization, depending upon the change in the requirements/grants available with the purchaser(s), which shall be binding to the bidder.
- 49 The bidder may be called for presentation regarding plan, design, performance, installation, commissioning of Seismometer, DAS and proficiency, features of software as per requirement and suitability of Institute at ISR, Gandhinagar, Department of Science & Technology, Gandhinagar.
- 50 All correction/addition/deletion shall require authorized countersign.

51 **Limitation of Vendor's Liability:** Notwithstanding anything contained in the Contract, Vendor's liability will be only for actual direct damages and shall be capped and limited to double the charges or the amounts paid or due and payable to Vendor for the Services that are the subject of the claim.

52 Force Majeure Shall mean and be limited to the following:

- a) War / hostilities
- b) Riot or Civil commotion
- c) Earthquake, flood, tempest, lightening or other natural physical disaster.
- d) Restrictions imposed by the Government or other statutory bodies which prevents or delays the execution of the order by the BIDDER.

The BIDDER shall advise GIL by a registered letter duly certified by the local statutory authorities, the beginning and end of the above causes of delay within seven (7) days of the occurrence and cessation of such Force Majeure Conditions. In the event of delay lasting over two months, if arising out of causes of Force Majeure, GIL reserves the right to cancel the order.

Completion period may be extended to circumstances relating to Force Majeure by the GIL. Bidder shall not claim any further extension for completion of work. GIL/GoG shall not be liable to pay extra costs under any conditions.

The BIDDER shall categorically specify the extent of Force Majeure conditions prevalent in their works at the time of submitting their bid and whether the same have been taken in to consideration or not in their quotations. In the event of any Force Majeure cause, the BIDDER shall not be liable for delays in performing their obligations under this order and the delivery dates can be extended to the BIDDER without being subject to price reduction for delayed delivered, as stated elsewhere.

It will be prerogative of GIL/GoG to take the decision on force major conditions and GIL/GoG decision will be binding to the bidder.

53 The Bidders can seek written clarifications on or before 5 days prior to Pre-bid meeting date to DGM (Tech), Gujarat Informatics Ltd., 8th Floor, Block No. 01, Udhog Bhavan Gandhinagar 382010. GIL will clarify and issue amendments if any to all the bidders in the pre-bid meeting. No further clarification what so ever will be entertained after the pre-bid meeting date. No further clarification what so ever will be entertained after submission of bid.

The bid should be submitted on the website <https://gil.nprocure.com> on or before 1500 Hrs, 21.09.2017.

Please address all queries and correspondence to

Shri Vivek Upadhyay, DGM (Tech.),
Gujarat Informatics Limited
Block-1, 8th Floor, Udhog Bhavan,
Gandhinagar – 382010
Phone No. 079-23259239, Fax No. 079-23238925
E-mail: viveku@gujarat.gov.in

Fax/email should be followed by the post confirmation copy.

SECTION I

Bid Processing Fees & Earnest Money Deposit Details

Name of the Item:

Sr. No.	Item	Amount (In Rs.)	Name of the Bank & Branch	Demand Draft No.
1	Bid Processing Fees			
2	Earnest Money Deposit (E.M.D.)			

ELIGIBILITY CRITERIA

Form no. E1 Financial strength of the bidder

Financial Year	Turnover (Rs. In Crores)	Audited Accounts uploaded? (Yes/No)

Note: Please fill this form and upload the audited Annual Accounts for the last two financial years. If bidder do have an audited balance sheet of last two financial years then previous two financial year's audited balance sheet (2014-15, 2015-16) can be uploaded.

Form No. E2 Experience Details (Customer References)

Sr. No.	Name and Address of the client	Details of Contract (Pl. Mention BBS, DAS, supplied system Established/Service provided similar to the tender terms)	Order no., Date & value	Certificate of client enclosed (Yes/No)	Whether client is present user of your services (Yes/No)	Remarks

Note: Please fill this form and upload the supporting documents for each customer reference in scanned format. Failing the same may lead to the rejection of the bid. You may add the customer references by adding multiple rows which may be added by "NUMBER OF ROWS TO ADD".

Form no. E3 Authorization Letters

Item	Make & Model	Name of OEM	Authorization letter attached? (Yes/No)
Broadband Seismometer (BBS)			
Digital Data Acquisition System for BBS (DAS)			

SECTION II

Make & Model List

Sr. No	Item	QTY.	Make & Model	Supporting attached? (Yes/No)
1	Broadband Seismometer (BBS)	20		
2	Digital Data Acquisition System for BBS (DAS)	20		
3	Solar power set	20		
4	Battery	20		
5	Battery Charger	20		

Note:

1. You may quote only one option against any item.
2. External cover box for BBS (Wooden/ PVC etc. with thermocol enclosure) of suitable size should also be procured locally to in-house Broadband Seismometer, cables etc., in the case of BBS.

Form no. T2 (TECHNICAL MINIMUM SPECIFICATIONS)

Section 1 – Broadband Seismometers

1.	Sensor	Tri- axial, Electronic Force balanced, broadband velocity transducer with electronic feedback and axial accuracy better than 1°.
2.	Frequency response	Flat response (within +/- 3dB) to ground velocity in the range of 120 sec to 50Hz.
3.	Dynamic range	≥140 dB @ 5Hz
4.	Output voltage	±20V peak to peak differential
5.	Damping	0.7 of critical
6.	Generator constant	1500 V/m/sec
7.	Linearity	Less than ±1% of full scale.
8.	Mass centering	i. Control unit for mass position monitoring and mass centering to be provided. ii. Temperature range without re-centering +/- 20°C to 60°C
9.	Calibration facility	from Data Acquisition System
10.	Frequency response curve of the unit along with information regarding transfer function including poles, zeros and normalization factor should be provided (for each sensor as per the serial number)	
11.	Noise response must be below the USGS New Low Noise Model (NLNM) in the frequency range of 35sec to 10Hz. Test reports of the sensor noise over the full pass band should be provided.	
12.	Leveling	Bubble level indicator for leveling the transducer.
13.	Orientation	Suitable mark to indicate the direction of relative orientation of the transducer
14.	Mass locking	Should have a robust locking and safety mechanism during transportation
15.	The sensor should be housed in a shockproof and waterproof enclosure.	
16.	Low-loss shielded Seismometer-DAS cable of at least 20 meters with appropriate end connectors.	
17.	The connectors also should be waterproof and rust proof	
18.	Operating temperature	-20°to 60°C
19.	Humidity	up to 100% RH
20.	Power consumption	< 2.0 watts at 12V DC i. Reverse voltage protection ii. Over voltage protection
21.	An airtight thermal insulation cover (Wooden/PVC etc.) should be provided.	
22.	Rugged field carry case for seismometer should be provided.	
23.	Detailed user manual / data sheets / calibration data sheet to be provided	

24.	The Seismometer self noise test report of the quoted model of the Seismometer from the international recognized standard test laboratories like USGS Albuquerque Sandia seismological laboratory or IRIS should be attached along with the Power Spectral Density (PSD) plot.	
25.	Suitable enclosure with thermocol of suitable size should also be provided to in-house Broadband Seismometer, cables etc.,	
Technical Specification of Digital Data Acquisition System for BBS		
26.	Number of Channels	Three channels or more
27.	Dynamic range	Better than 135dB or more measured at 100 sps
28.	ADC resolution	24 bit independent digitizer for each channel
29.	Input Range	Should match the sensor outputs ± 20 V
30.	Common Mode Rejection	Greater than 70 dB
31.	Channel to channel skew	a) Zero- Simultaneous sampling of all channels. b) Immune to electromagnetic interference.
32.	System noise	Not more than 2-3 counts of 24 bit system
33.	Sampling rate	a) User- selectable up to 200 sps or more in continuous and trigger modes. Acquiring simultaneously in different data streams as per user requirements.
34.	Filter	Linear phase digital FIR filter.
35.	RAM	8 MB RAM
36.	Storage Type	2 nos of Compact flash memory card or hard disk of 16 GB or more memory (each). The compact flash memory card/hard disk should be rugged and industrial grade suitable to with stand extreme temperature variations (industrial grade CF, SLC technology, temp -10°C to + 70°C). There should be a provision of minimum one slot for CF card in the DAS. <i>SD storage media will be accepted.</i>
37.	Recording Format	Standard seismological format compatible to Windows/UNIX with proven compression technique. It should be easily convertible to SEED, miniseed, SAC, SEISAN and ASCII formats.
38.	GPS Timing System	a) UTC timed with digitally controlled precision VCXO clock phase locked to GPS b) Timing accuracy of 10 micro sec or less when GPS is locked. c) Free running TCXO accuracy of 0.1 ppm over the temperature range of 0° - 70°C; 0.2 ppm from -20° - 0°C. d) GPS receiver electronic circuit should be inside the DAS with Antenna exposed outside. e) Antenna cable length should be at least 10 mts. f) Antenna should be enclosed in water tight and should work effectively in extreme climatic condition. g) Antenna mounting rod and its accessories

39.	Sensor control	a) Sensor calibration facility for BB seismometer. b) Sensor mass position monitoring for BB Seismometer. c) Sensor mass centering on command for BB Seismometer.
40.	State of Health of each Channel	Provision for checking state of health information like sensor mass position, temperature, voltage, condition of GPS time lock etc. locally and remotely.
41..	Status display	Status display built into the recorder for Power, data acquisition, SOH, GPS etc. should be provided. External status display will be accepted. In case of external display, the bidder has to provide individual external palmtop/any suitable other device with each recorder unit.
42.	Gain	User selectable multiple gain through software.
43.	Data acquisition Mode	Both continuous and trigger mode
44.	Trigger	User selectable, independently for each channel at different sampling rate based on triggering criteria as STA/LTA level etc.
45.	Communication	a) In built communication interface circuitry for provision of remote data acquisition and State-of- Health in near real time mode through V-SAT. b) Suitable interface for computer/ laptop for parameter setting and data downloading.
46.	Transmission setting	Should have facility to select transmission of data to remote location in continuous mode transmission for BB data
47.	VSAT connectivity	a) Ethernet port (10/100 Base-T) supporting TCP/IP and UDP/IP b) Compression of data before transferring to VSAT. c) Continuous and trigger both. d) Duplex communication between field and both hubs e) Extensive error correction f) Support for off-the-shelf communication equipment g) Appropriate cable to connect the DAS with the VSAT (RJ- 45 port)
48.	Power Supply	a) Supply voltage 9-24Volts DC b) Power consumption of DAS lees then 2W at 12V DC recording 3 channels at 100 SPS. c) Low battery voltage protection, and d) DAS shall resume data acquisition and transmission automatically when the power is restored.
49.	Operating temperature and humidity range	a) Operating Temperature: 0°to 60°C b) Humidity up to 100% RH
50.	Environment	All the indoor units should work in typical tropical environment conditions and should work without air conditioning.

51.	Housing	GPS and DAS modules should be enclosed in weather and shock-proof sealed enclosures.
52.	Solar power set (Primary power source)	Solar panel, charge controller, battery and all cables, connectors etc. so that power back up of minimum 7 days (BBS + DAS) is there.
53.	Battery (For secondary power)	Exide / Amaron, 100 Amp., 12 V SMF
54.	Battery Charger	Mean Well ESC/ESP-120/240 series compatible with above Battery
55.	Configuration and Analysis software	1) Online data receiving Software should have the capability of receiving the continuous online data, viewing data with different user Selectable filter options along with Data retrieval and data processing facility. <i>The online continuous data should be integrated with the existing setup of ISR.</i> The license should be provided free of cost for lifetime (minimum 20 years).
		2) The software should be able to provide /set parameter setting for event recording, provision for 3 types data recording, i) continuous data recording, ii) STA/ LTA based, and display state of health information of the system performance free of cost.
		3) Format conversion routines to convert the data into the various standard formats like SEISAN, Mini SEED, SAC, ASCII etc are to be provided free of cost.
		4) Compatible software versions of the above software for working in UNIX, SOLARIS and Windows environments should be provided free of cost.

1. The above items 1-55 are all together are considered as **one unit of Broadband Seismograph**.
2. The BBS should be compatible with the existing setup of ISR.
3. **Vendor may visit ISR at his own cost to understand the existing set up at ISR.**

SECTION III

Form no. F1 – FINANCIAL BID FORMAT

Section 1 : Broadband Seismometers (BBS)

1	2	3	4	5					6	7	8
Sr. No.	Item	Country of origin	Quantity & unit	Price for each Unit					Unit price (INR/ USD/ EURO /CAD)	Total Price (INR / US D/ EURO /CA D)	GST if contract is awarded (INR)
				a	b	c	d	e	a+b+c+d+e	4x6	
				Ex-factory, Ex-Showroom, Off the shelf	Excise Duty, and any other taxes if any	Packing & forwarding	Inland transportation, insurance, local incidental cost etc.	Demonstration of satisfactorily working at purchaser site			
1a.	Broadband Seismometer (with all cables, connectors)		20								
1b.	Data Acquisition System for BBS (with all cables, connectors, GPS etc.)		20								
1c.	Solar Power Set		20								
1d.	Battery		20								
1e.	Battery Charger		20								

Note:

1. In case of discrepancy between unit price and total price, unit price shall prevail.
2. L1 will be considered as per total price mentioned in column 7(i.e. excluding Total Sales and other Taxes mentioned in column 8). Solar Power, Battery, and Battery Charger may be locally supplied.

3. Installation will be done by ISR at respective sites; only testing of workability of the instruments for continuous operation for 2 days is required at ISR, Gandhinagar.
4. RBI rates (closing) of currency conversion will be taken. Date of opening of price bid online will be considered.

Performa of Compliance letter/Authenticity of Information Provided

(On Non judicial Stamp paper of Rs.100 duly attested by the First class Magistrate/Notary Public)

Date:

To,
DGM (Tech.)
Gujarat Informatics Ltd.
Block-1, 8th Floor,
Udhyog Bhavan, Gandhinagar.

Sub: Compliance with the tender terms and conditions, specifications and Eligibility Criteria

Ref: Tender No. HWT010917455

Dear Sir,

With reference to above referred tender, I, undersigned <<Name of Signatory>>, in the capacity of <<Designation of Signatory>>, is authorized to give the undertaking on behalf of <<Name of the bidder>>. We wish to inform you that we have read and understood the technical specification and total requirement of the above mentioned bid submitted by us on **xx.xx.2017**

We hereby confirm that all our quoted items meet or exceed the requirement and are absolutely compliant with specifications mentioned in the bid document.

We also explicitly understand that all quoted items meet technical specification of the bid & that such technical specification overrides the brochures/standard literature if the same contradicts or is absent in brochures.

In case of breach of any tender terms and conditions or deviation from bid specification other than already specified as mentioned above, the decision of GIL Tender Committee for disqualification will be accepted by us.

The Information provided in our submitted bid is correct. In case any information provided by us are found to be false or incorrect, you have right to reject our bid at any stage including forfeiture of our EMD/ PBG/cancel the award of contract. In this event, GIL reserves the right to take legal action on us.

Thanking you,

Dated this _____ day of _____ 2017

Signature: _____

(in the Capacity of) : _____

Duly authorized to sign bid for and on behalf of

Note: This form should be signed by authorized signatory of bidder/prime bidder in case of consortium

Annexure A

Format of Earnest Money Deposit in the form of Bank Guarantee

Ref:

Bank Guarantee No.

Date:

To,

DGM (Technical)

Gujarat Informatics Limited

8th Floor, Block -1, Udyog Bhavan,

Sector - 11, Gandhinagar - 382017

Gujarat, India

Whereas ----- (here in after called "the Bidder") has submitted its bid dated ----- in response to the Tender no: HWT010917455 for Purchase of Broadband Seismographs on behalf of Institute of Seismological Research, Gandhinagar, Department of Science & Technology, Govt. of KNOW ALL MEN by these presents that WE ----- having our registered office at ----- (hereinafter called "the Bank") are bound unto the _____, Gujarat Informatics Limited in the sum of ----- for which payment well and truly to be made to Gujarat Informatics Limited, the Bank binds itself, its successors and assigns by these presents. Sealed with the Common Seal of the said Bank this -----day of -----2016.

THE CONDITIONS of this obligation are:

1. The E.M.D. may be forfeited:
 - a. if a Bidder withdraws its bid during the period of bid validity
 - b. Does not accept the correction of errors made in the tender document;
 - c. In case of a successful Bidder, if the Bidder fails:
 - (i) To sign the Contract as mentioned above within the time limit stipulated by purchaser or
 - (ii) To furnish performance bank guarantee as mentioned above or
 - (iii) If the bidder is found to be involved in fraudulent practices.
 - (iv) If the bidder fails to submit the copy of purchase order & acceptance thereof.

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

This guarantee will remain valid up to 9 months from the last date of bid submission. The Bank undertakes not to revoke this guarantee during its currency without previous consent of the OWNER/PURCHASER and further agrees that if this guarantee is extended for a period as mutually agreed between bidder & owner/purchaser, the guarantee shall be valid for a period so extended provided that a written request for such extension is received before the expiry of validity of guarantee.

The Bank shall not be released of its obligations under these presents by any exercise by the OWNER/PURCHASER 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 OWNER/PURCHASER or any other indulgence shown by the OWNER/PURCHASER or by any other matter or things.

The Bank also agree that the OWNER/PUCHASER 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 SELLER and not withstanding any security or other guarantee that the OWNER/PURCHASER may have in relation to the SELLER's liabilities.

Dated at _____ on this _____ day of _____ 2017.

Signed and delivered by

For & on Behalf of

Name of the Bank & Branch &
Its official Address

Approved Bank: All Nationalized Bank including the public sector bank or Private Sector Banks or Commercial Banks or Co-Operative & Rural Banks (operating in India having branch at Ahmedabad/ Gandhinagar) as per the G.R. no. EMD/10/2016/328/DMO dated 01.05.2017 issued by Finance Department or further instruction issued by Finance department time to time.

PROFORMA FOR EQUIPMENT AND QUALITY CONTROL EMPLOYED BY THE MANUFACTURER

1. BID NO. DATE OF OPENING:.....
 2. NAME OF THE BIDDER :
- (Note: All details should relate to the manufacturer for the items offered for supply)**
3. Name & full address of the Manufacturer:
Telephone & Fax No Office/Factory/Works:
Telex No. Office/Factory/Works:
Telegraphic address:
 4. Name & full address of the authorized Indian company:
Telephone & Fax No Office/Factory/Works:
Telex No. Office/Factory/Works:
Telegraphic address:
 5. Location of the manufacturing factory.
 6. Details of Industrial License, wherever required as per statutory regulations.
 7. Details of important Plant & Machinery functioning in each dept. (Monographs & description pamphlets be supplied if available).
 8. Details of the process of manufacture in the factory.
 9. Details & stocks of raw materials held.
 10. Production capacity of item(s) quoted for, with the existing Plant & Machinery
 - Normal
 - Maximum
 11. Details of arrangement for quality control of products such as laboratory, testing equipment etc.
 12. Details of staff:
 - Details of technical supervisory staff in charge of production & quality control.
 - Skilled labor employed.
 - Unskilled labor employed.
 - Maximum No. of workers (skilled & unskilled) employed on any day during the 18 months preceding the date of Tender.
 13. Whether Goods/Software/Software is tested to any standard specification? If so, copies of original test certificates should be submitted in triplicate.
 14. Are you registered with the Directorate General of Supplies and Disposals, New Delhi 110 001, India? If so, furnish full particulars of registration, period of currency etc. with a copy of the certificate of registration.

.....
Signature and seal of the Manufacturer

**Performa of Contract-cum-Equipment
Performance Bank Guarantee**
(To be stamped in accordance with Stamp Act)

Ref:

Bank Guarantee No.

Date:

To

Name & Address of the Purchaser/Indenter

Dear Sir,

In consideration of Name & Address of the Purchaser/Indenter, Government of Gujarat, Gandhinagar (hereinafter referred to as the OWNER/PURCHASER which expression shall unless repugnant to the context or meaning thereof include successors, administrators and assigns) having awarded to M/s. having Principal Office at (here in after referred to as the "SELLER" which expression shall unless repugnant to the context or meaning thereof include their respective successors, administrators, executors and assigns) the supply of _____ by issue of Purchase Order No..... Dated issued by Gujarat Informatics Ltd. ,Gandhinagar for and on behalf of the OWNER/PURCHASER and the same having been accepted by the SELLER resulting into CONTRACT for supplies of materials/equipments as mentioned in the said purchase order and the SELLER having agreed to provide a Contract Performance and Warranty Guarantee for faithful performance of the aforementioned contract and warranty quality to the OWNER/PURCHASER, _____ having Head Office at (hereinafter referred to as the 'Bank' which expressly shall, unless repugnant to the context or meaning thereof include successors, administrators, executors and assigns) do hereby guarantee to undertake to pay the sum of Rs. _____ (Rupees _____) to the OWNER/PURCHASER on demand at any time up to _____ without a reference to the SELLER. Any such demand made by the OWNER/PURCHASER on the Bank shall be conclusive and binding notwithstanding any difference between Tribunals, Arbitrator or any other authority.

The Bank undertakes not to revoke this guarantee during its currency without previous consent of the OWNER/PURCHASER and further agrees that the guarantee herein contained shall continue to be enforceable till the OWNER/PURCHASER discharges this guarantee. OWNER/PURCHASER shall have the fullest liberty without affecting in any way the liability of the Bank under this guarantee from time to time to extend the time for performance by the SELLER of the aforementioned CONTRACT. The OWNER/PURCHASER shall have the fullest liberty, without affecting this guarantee, to postpone from time to time the exercise of any powers vested in them or of any right which they might have against the SELLER, and to exercise the same at any time in any manner, and either to enforce to forebear to enforce any covenants contained or implied, in the aforementioned CONTRACT between the OWNER/PURCHASER and the SELLER or any other course of or remedy or security available to the OWNER/PURCHASER.

The Bank shall not be released of its obligations under these presents by any exercise by the OWNER/PURCHAER 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 OWNER/PURCHASER or any other indulgence shown by the OWNER/PURCHASER or by any other matter or things.

The Bank also agree that the OWNER/PUCHASER 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 SELLER and not withstanding any security or other guarantee that the OWNER/PURCHASER may have in relation to the SELLER's liabilities.

Notwithstanding anything contained herein above our liability under this Guarantee is restricted to Rs. _____ (Rupees _____) and it shall remain in force up to and including _____ and shall be extended from time to time for such period as may be desired by the SELLER on whose behalf this guarantee has been given.

Dated at _____ on this _____ day of _____ 2017.

Signed and delivered by

For & on Behalf of

Name of the Bank & Branch &
Its official Address

List of approved Banks

Approved Bank: All Nationalized Bank including the public sector bank or Private Sector Banks or Commercial Banks or Co-Operative & Rural Banks (operating in India having branch at Ahmedabad/ Gandhinagar) as per the G.R. no. EMD/10/2016/328/DMO dated 01.05.2017 issued by Finance Department or further instruction issued by Finance department time to time.

CONTRACT FORM

THIS AGREEMENT made on the _____ day of _____, 2016 ____ Between _____ (*Name of purchaser*) of _____ (*Country of Purchaser*) hereinafter "the Purchaser" of the one part and _____ (*Name of Supplier*) of _____ (*City and Country of Supplier*) hereinafter called "the Supplier" of the other part :

WHEREAS the Purchaser is desirous that certain Goods and ancillary services viz., _____ (*Brief Description of Goods and Services*) and has accepted a bid by the Supplier for the supply of those goods and services in the sum of _____ (*Contract Price in Words and Figures*) hereinafter called "the Contract Price in Words and Figures" hereinafter called "the Contract Price."

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

- 1 In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.
- 2 The following documents shall be deemed to form and be read and construed as part of this Agreement, viz. :
 - 2.1 the Bid Form and the Price Schedule submitted by the Bidder;
 - 2.2 terms and conditions of the bid
 - 2.3 the Purchaser's Notification of Award
- 3 In consideration of the payments to be made by the Purchaser to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Purchaser to provide the goods and services and to remedy defects therein in conformity in all respects with the provisions of the Contract.
- 4 The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the goods and services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.
- 5 Particulars of the goods and services which shall be supplied / provided by the Supplier are as enlisted in the enclosed annexure :

TOTAL VALUE:

DELIVERY SCHEDULE:

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with their respective laws the day and year first above written.

Signed, Sealed and Delivered by the

Said _____ (For the Purchaser)

in the presence of _____

Signed, Sealed and Delivered by the

Said _____ (For the Supplier)

in the presence of _____