

Response to Pre-bid Queries

Bid for Purchase of Broadband Seismographs (Broadband Seismometer), Digital Data Acquisition System (i.e. DAS) for BBS & Power Supply System on behalf of Institute of Seismological Research, Gandhinagar, Department of Science & Technology, Govt. of Gujarat.

(Tender No. HWT240519545)

| Sr. No. | Tender Reference | | Query / Clarification / Suggestions from the Venders | Responses to Vendors |
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| | Page No./Section No./ Clause No. | Tender Description | | |
| 1 | Page No. 20/Form no. T2 (TECHNICAL MINIMUM SPECIFICATIONS)/Technical Specification of Digital Data Acquisition System for BBS, S. No 36. | Storage Type: 2 nos of Compact flash memory card or hard disk of 64 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. SD storage media will be accepted. | <p>wish to bring to your kind notice the specification against serial number # 36 of the Technical Specs of Data Acquisition system - Storage capacity 64 Gb. In our current recorder, model 130S-01, the maximum capacity of the Industrial Grade discs available in the market is 32 Gb. Please note that we supply the highly reliable Industrial Grade Compact Flash disc (CFII type), and not commercial data storage devise. We believe that you will appreciate that the CFII discs a total of 32 Gb capacity installed in our Recorder will not affect the operational requirements of the network for the technical reasons given below.</p> <p>In our DAS we have two CF II cards of 8 Gb capacity totaling 16 Gb, or 16 Gb each card totaling 32 Gb capacity per station. The total of 16 Gb discs capacity allow back up of the data for more than 500 days' recording, 3 channels at 100 sps in Steim 1 compression. With 32 Gb discs capacity the backup data is doubled.</p> <p>Two CF II cards also allow the 130-01S recorder to operate in an "auto-wrap" (or "disk-loop" fashion) hot swappable mode. In this mode, the data first is recorded on the first disk. Once the first disk is filled, the data is automatically recorded on the second CF II card. Once the second disk is filled with data, the first disk is then formatted and data is then recorded to the first disk. When the first disk is again full, the second disk is formatted and data is recorded to it. This process repeats until the data is either copied to the customer's computer or transmitted to the centralized acquisition station. In this mode the user always has the current (latest) data on CF II card discs.</p> <p>When data is also being recorded to a telemetry link while also recording to the disks in auto-wrap mode, if the telemetry link goes down, the 130 will record data on two CFII disks as it is described above, while the data to telemetry will be tossed from the RAM till the telemetry links comes back up. In this scenario, once the telemetry link is restored the customer will always receive the current data, while the old data is always available on the disk(s). Thus, the customer will never lose the data.</p> <p>We do not use ATA/IDE disk in our technology because it consumes more power approx 2W, and most Important is the temp. range of 5* C to 55 *C as compared to Industrial grade CF -40*C to 70*C we use in 130S-01 Recorder.</p> <p>The storage media is a part of recorder and if the storage media itself does not meet the temp. range specifications of the DAS listed in the tender specifications (# 49) 0* C to 60 *C it means the whole recorder will work only under the temp. range of 5* C to 55 *C only. Moreover ATA/IDE has movable parts and hence it is not reliable for such critical application.</p> <p>Having said the above, we request to give an option of storage capacity > 16 Gb, or ≥ 32Gb as capacity of 64Gb is not of any significance for the reasons explained above as CF of 16 Gb can hold the data for more than 500 days (more than a year)</p> | 32 Gb may be accepted |

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| 2 | Page No. 21/Form no. T2 (TECHNICAL MINIMUM SPECIFICATIONS)/ S. No 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. | Status Display with each digitizer. Is that Status display indicator acceptable to monitor the power, data acquisition, SOH, GPS, etc., Additionally you can connect the Digitizer to your mobile phone through wifi to monitor and change the parameters. | Status display indicator is acceptable. However in this case, the bidder has to provide individual external palmtop/any other suitable device with each recorder unit to display the SOH parameters. |
| 3 | Page No. 5/Scope of Work/1 b. Digital Data Acquisition System (DAS) for BBS | Additional 20 GPS will have to be supplied by the vendor in addition to 40 sets, which will be used as spare. | We would request you to add this line item Financial Bid Format as "Additional 20 GPS". (OR) Where we need to include the spare GPS price? | Price is to be included within the cost of the recorder. |
| 4 | Page No. 22/Form no. T2 (TECHNICAL MINIMUM SPECIFICATIONS)/ S. No 53. | GSM Modem: 3G/4G support, Operator independent, Remote login, FTP support with display, AC –DC operative. | Please provide the provision in the BOQ line item to quote the GSM Modem in INR from India. OR Shall we quote in CAD and deliver from India? | Only single currency USD allowed. You may quote in USD and deliver from India. |
| 5 | Page No. 19/Form no. T2 (TECHNICAL MINIMUM SPECIFICATIONS)/ S. No .22 | Rugged field carry case for seismometer should be provided. | Shall we deliver the rugged field carry case from India? | Rugged field carry case for seismometer may be provided locally. |
| 6 | Page No. 23/Form no. F1 – FINANCIAL BID FORMAT Section 1: Broadband Seismograph | 1a. Broadband Seismometer (with all cables, connectors). 1b.Data Acquisition System for BBS (with all cables, connectors, GPS etc.). 1c.Solar Power Set 1d.Battery 1e.Battery Charger. | Nanometrics going to quote the currency in Canadian Dollar for these two line item for FINANCIAL BID. 1a. Broadband Seismometer (with all cables, connectors). 1b.Data Acquisition System for BBS (with all cables, connectors, GPS etc.). Remaining Line item will be Quoted in Indian Rupees by us. 1c.Solar Power Set 1d.Battery 1e.Battery Charger. But Financial bid format have only option (Currency selection) single currency in all line items. So kindly add the currency option for each line item. OR shall we quote all the items in CAD and deliver the 1c, 1d and 1e, modem from India? | Only single currency USD is allowed. You may quote all the items in USD. |
| 7 | Page No. 19/Form no. T2 (TECHNICAL MINIMUM SPECIFICATIONS)/ S. No 6. | Generator constant: 1500 V/m/sec | As per the tender specifications it is required 1500 V/m/sec we want to clarify that generally it is 1200 V/m/sec or you have any specification requirement of 1500 V/m/sec. | No change |
| 8 | Page No. 20/Form no. T2 (TECHNICAL MINIMUM SPECIFICATIONS)/ S. No 36. | Storage Type: 2 nos of Compact flash memory card or hard disk of 64 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 tec | As per the tender you had asked for 64 GB Compact Flash Card. Now a day's USB drives are available in the market and they are much faster than Compact Flash Card. So we request you to please give the option of USB drive also. | USB drive will be accepted |

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| 9 | Page No. 2/Eligibility Criteria for the bidder: | Eligibility Criteria for the bidder:The entities eligible for participating in the bid process shall be any one of the following two categories: <input type="checkbox"/> Category 1: A Single Bidder <input type="checkbox"/> Category 2: A Consortium of bidders | Please clarify definition of Single Bidder, we being an exclusive authorised Dealer of OEM in India. Are we treated as Single Bidder? What documentation are to be submitted other than OEM authorization? | Bid is self explanatory. Pls. refer eligibility criteria. |
| 10 | Page No. 2/Eligibility Criteria for the bidder: | Item no. 1. Broadband Seismometers (BBS): The bidder/any consortium partner should have average annual turnover of INR 1,00,00,000/- (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) | We have average annual turnover of more than Rs.5 Cr in the last financial year, i.e. 2018-19. However, the balance sheet is yet to be ready. Where as the annual turnover is more than Rs.1 Cr during financial year 2015-16 and financial year 2016-17. If we submit the audited Balance Sheet of FY-2015-16 & FY-2016-17, is it accepted by GIL? | If bidder does not have an audited balance sheet of last two financial years then previous two financial year's audited balance sheet (2016-17, 2017-18) can be uploaded. In case of Balance sheet is not ready then bidder may provide provisional balance sheet along with the CA certificate. |
| 11 | Page No. 12/The terms and conditions are as follows/Point no. 36 | 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. | Delivery: We request you to change the delivery period to 140 days. Also request you to accept part delivery or delivery in phase which will help for execution. | Delivery period is extended to 120 days |
| 12 | Page No. 23/Form no. F1 – FINANCIAL BID FORMAT Section 1: Broadband Seismograph | 1a. Broadband Seismometer (with all cables, connectors). 1b.Data Acquisition System for BBS (with all cables, connectors, GPS etc.). 1c.Solar Power Set 1d.Battery | Is there any provision to quote partly in foreign exchange (for foreign goods). partly in INR (for Indian goods)? | No |
| 13 | Page No. 11/The terms and conditions are as follows/Point no. 27 | 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. | Who will be responsible for Customs Clearance? ISR or Supplier if the goods offered in foreign currency? | ISR will provide necessary documents for clearance but it is the responsibility of bidder to clear goods. |

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| 14 | Page No. 10/The terms and conditions are as follows/Point no. 20 & 22 | <p>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 @ 5% of the total order value as prescribed by GIL, whichever is earlier.</p> <p>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/10/2018/18/DMO dated 16.04.2018 issued by Finance Department or further instruction issued by Finance department time to time. (The draft of Performance Bank Guarantee is attached herewith).</p> | In point no 20 you have asked the successful bidder to furnish the bank guaranty@ 5% of the total order value but again in point no 22 you have asked the successful bidder to furnish the bank guaranty @ 10% of the total order value. Please clarify those points. | Successful bidder will have to furnish the bank guaranty @ 10% of the total order value. |
| 15 | Additional Query/Suggestion | | We request you to extend the bid submission date by at least two more weeks. As the time provide is less to complete all documentation related to the tender. | The last date of bid submission has been extended. |
| 16 | Page No. 22/Form no. T2 (TECHNICAL MINIMUM SPECIFICATIONS)/ S. No 53. | GSM Modem: 3G/4G support, Operator independent, Remote login, FTP support with display, AC –DC operative. | In Technical Specification of Digital Data Acquisition System for BBS point no 53 You have asked for "3G/4G support, Operator independent, Remote login, FTP support with display, AC-DC operative". we are requesting to amend the same as "3G/4G support, Operator independent, Remote login, FTP or similar protocol support with display, AC-DC operative." | Similar protocol will be accepted. |
| 17 | Page No. 21/Form no. T2 (TECHNICAL MINIMUM SPECIFICATIONS)/ S. No 43. | Data acquisition Mode: Both continuous and trigger mode | In Technical Specification of Digital Data Acquisition System for BBS point no 43 You have asked for "Data Acquisition Mode: Both Continuous and trigger mode , we are requesting to amend the same as "Record continuous data and extract trigger data as needed" | No change. Both modes should be there. Only one mode will be used for online data transmission from remote station to CRS. |
| Additional Clarifications | | | | |
| 1. In case of consortium ; the consortium partner having a Sole Proprietorship or One Person Company, then the board resolution for an authorised signatory in order to | | | | |
| 2.The vendor may be called to ISR during technical evaluation for the demonstration of the integration of the offered system with the old set up as old set up will be | | | | |
| 3.The vendor will have to submit the list of materials (showing make & model, accessories & nos.) along with technical documents. | | | | |