Bid Corrigendum - II

Clarification w.r.t tender for the procurement of Borehole SMA (Tender ID: GEM/2025/B/6392783)				
Sr. No.	**Description**	**Tender Specification**	**Clarification required**	**Clarification**
1	Blow-Out Prevention (BOP)	Provision for high pressure zones; full functionality test	Please clarify	In view of the standard engineering practices and the depth of boreholes (up to 100 meters) proposed under this tender for the installation of Strong Motion Accelerographs (SMAs), the provision of a Blow-Out Preventer (BOP) shall not be required. The bidder/contractor shall, however, be solely responsible for ensuring the structural integrity and stability of the borehole throughout the drilling and installation process. In the event of borehole collapse, failure to complete the borehole, or any instability that renders the bore unusable due to inadequate stabilization or poor drilling practices, or any other reason, the contractor/ supplier/bidder shall, at no additional cost to the Purchaser, carry out the drilling and completion of a new borehole at the same or alternate location as specified by the Purchaser. No claim for additional payment, extension of time, or compensation shall be entertained on this account.
2	Drilling Fluid Control	Maintain pH & viscosity per spec; continuous mud reports and periodic lab tests	Please clarify	For the purpose of borehole drilling up to 100 meters depth for Strong Motion Accelerograph (SMA) installation, it is not mandatory to maintain full-scale drilling fluid laboratory reports or daily drilling mud parameter logs. However, the contractor shall ensure that suitable and non-hazardous drilling fluids (such as bentonite- or polymer-based fluids) are used to maintain borehole stability and drilling efficiency, especially in soft or collapsible formations.
3	Post-Drilling Integrity Check	Final inspection for structural defects; verticality and diameter reconfirmation	Please clarify method of inspection	The integrity check shall include confirmation of borehole diameter, verification of verticality, assessment of proper cementation, and identification of casing joints. A consolidated report documenting the results of these checks shall be submitted. The bidder may use standard geophysical tools such as an inclinometer for verticality verification and a Caliper Logging Tool for a basic caliper log to confirm borehole diameter. Vertical deviation must remain within the tolerance limits specified in the tender, as it is essential for the accurate installation of the SMA.
4	Documentation & Reporting	Daily drilling logs, mud reports, casing records, cement bond logs, QC and geotechnical reports.	Which geotechnical reports are required.	Required reports include: (i) Drilling logs (lithology, formation depth, sample description, etc.) (ii) Soil classification and index properties (grain size), (iii) Groundwater table logs and inflow records.
5	Bid Submission Date		Request for Extension of Bid Submission Date	The last date of submission of bid is being extended up to 12-08-2025

RFP for procurement of Borehole Strong Motion Accelerographs (SMA) – 03 nos. on behalf of Institute of Seismological Research (ISR), Gandhinagar (Bid Number: GEM/2025/B/6392783 Dated: 30-06-2025)

Sr. No.	Company Name	Tender Document Reference	Content of the tender requiring Clarification	Clarification Sought	Tenderer Response
1	M/s AIMIL Ltd	Data Acquisition System (DAS)	-	Please let us know desired storage capacity of the DAS.	32 GB or more
2	M/s AIMIL Ltd	Borehole Specification – Point no. 8: Cementing	Bottom-up cement slurry pump; complete bond log and pressure test (no voids)	Request you to kindly amend it - to use sand instead of concreting as recovery is impossible in concreting	Cement is pumped from the bottom of the borehole upward to ensure complete sealing between the casing and the formation. A bond log is subsequently carried out to assess the quality of the cement bond, followed by a pressure test to confirm the absence of any gaps or leaks in the cemented section. This process will not interfere with SMA installation or recovery within the borehole
3	M/s AIMIL Ltd	Comprehensive AMC	Following the warranty period, the vendor shall maintain the system for an additional 3 years under a comprehensive Annual Maintenance Contract, ensuring continued performance.	Request to reduce CAMC period from 3 years to 1 year or 2 years.	No Change
4	M/s AIMIL Ltd	Delivery Period	Within 90 working days from the date of confirmed purchase order at ISR, Gandhinagar.	We request you to kindly amend delivery period to 150 working days from the date of confirmed purchase order.	Delivery may be done within 120 working days from the date of confirmed order
5	Chrisvin Geomet Services Private Limited	EMD Refer Gem Document Page number – 2	Not required	Please confirm Whether we have to submit EMD	Bidder will have to submit EMD of Rs. 2,10,000/-. EMD exemption on valid participants will be given.
6	Chrisvin Geomet Services Private Limited	Bid End date / Time Refer Gem Document Page number – 1	21.07.2025 – 14.00 Hrs	Since we need to work with many vendors like borehole drillers, deviation survey company, we request you to extended due date for 15 days (i.e. upto 04.08.2025), this will help us to more preciously with the vendors and quote for this Trunkey project.	Last date of bid is extended till 04-08-2025
7	Chrisvin Geomet Services Private Limited	Installation & commissioning	-	Please confirm whether any civil work (covered room) need to be done at installation site to safe guard the surface equipment like DAS, GSP, Power supply etc. or ISR will provide the required room at installation sites. Hope ISR will take care of any approvals required from local government or any government agencies for drilling the borehole or installing the SMAs. Please confirm.	A room for the DAS, GPS, Power Supply will be provided. However, a small hut-like structure (4 feet × 4 feet) will need to be constructed. If any local approvals are required, they will be obtained by ISR
8	Chrisvin Geomet Services Private Limited	2. SCOPE OF WORK 2.1 Scope of Supply – Point number - 5, 5. Modems (4g & 5G supported)- 3 nos.	• Each installation to include 4G and 5G-enabled modem for real-time remote data transmission to CRS, Gandhinagar. • Vendor to verify network availability and provide alternatives network connectivity (e.g., satellite) if required	Hope ISR will bear the recurring cost for SMI card monthly data charges (internet) or VSAT bandwidth charges during the Warranty and CAMC period, please confirm. ISR has to provide SMI card for the modems. Please confirm.	SIM cards will be provided by ISR. Monthly or quaterly bill for SIM or VSAT services as the case may be, will be paid by ISR
9	Chrisvin Geomet Services Private Limited	2. SCOPE OF WORK Point - D. Post-Installation Services: Page no. 8:	1. Warranty (2 Years) – The Supplier must respond to warranty claims within 48 hours and resolve issues within 7 days.	We request you to amend this point as per the class: 2. Scope of Work: page number – 4 of the tender document, i.e. 3 days for respond and 15 working days for resolve.	The vendor must respond to warranty-related service requests within 2 days and ensure resolution within 15 working days
10	Chrisvin Geomet Services Private Limited	2. SCOPE OF WORK Page number 8, Point - D. Post-Installation Services: 2. Comprehensive AMC (3 Years) –	• The Service Provider shall respond to all CAMC service requests within 48 hours of notification. • All issues shall be resolved within 7 days of reporting, unless otherwise agreed in writing.	We request you to amend this point as per the class: 2. Scope of Work: page number – 4 of the tender document, i.e. 3 days for respond and 15 working days for resolve.	The vendor must respond to CAMC service requests within 2 days and ensure resolution within 15 working days

11	Chrisvin Geomet Services Private Limited	2. SCOPE OF WORK page number – 9, Other terms and conditions are as follows: Ponit number – 8, 8. Delivery & installation: - C,	Delivery: Within 90 working days from the date of confirmed purchase order at ISR	We request you to consider 120 working days delivery from the date of confirmed purchase order from ISR. Since this is high sophisticated scientific equipment, the OEM generally start manufacturing after the confirmed purchase order based on the customer requirement and customization if any and this need to pass lengthy testing and calibration process before delivery. Considering this we request you to accept 120 working days delivery time.	Delivery may be done within 120 working days from the date of the purchase order
12	Chrisvin Geomet Services Private Limited	Other terms and conditions are as follows: Page number – 9, Point no – 8 Delivery & installation – refer – Point – a	The exact site locations within Gujarat will be communicated by ISR at the time of issuance of the purchase order or during the project execution phase	We request you to kindly confirm the installation locations, this will help us to finalize whether to provide VSAT or Modem based on the site conditions.	The proposed site locations are: **1**. Naliya: lat. 23.327, long. 68.828, **2**. Morbi: lat. 22.838 long. 70.893 **3**. Radhanpur: lat. 23.819, long. 71.617. These locations are indicative and may change at the time of issuing the Purchase Order. The bidder shall be required to accept the Purchase Order even if the final site differs from those mentioned above.
13	M/s HGS India Limited	-	Borehole Locations and Distances	What is the distance from the first borehole to the second, and from the second to the third?	The latitude and longitude of the locations have been provided above, based on which distances may be calculated. Please note that these locations are subject to change during the actual field installation.
14	M/s HGS India Limited	-	Permission for Borehole Drilling	Who will arrange the government permission and approval for borehole drilling?	ISR
15	M/s HGS India Limited	-	Borehole Diameter (≥ 8 inches) ≈ 203 mm	An 8-inch (203 mm) borehole seems too wide. The sensor's diameter is only 100 mm, so it will leave a 103 mm gap. A diameter of 130–150 mm should be sufficient.	If the borehole SMA sensor can be housed and installed in a borehole with a diameter of less than 8 inches, as per the project requirements, it will be accepted by ISR.
16	M/s HGS India Limited	-	Protection for Equipment	Do we need to construct a shed or bunker near the borehole to protect the equipment from weather conditions?	A small shed , hut type, measuring 4 feet by 4 feet will need to be constructed at the borehole installation site. The digitizer is planned to be housed in a nearby room, which will be provided by ISR
17	M/s HGS India Limited	-	Modem Terminology	In some places, it is mentioned as 4G and 5G modem, and in others as 4G/5G modem or 4G or 5G.	Modem should work on both 4G and 5G technology
18	M/s HGS India Limited	-	Communication Options	Similarly, in some sections, it says VSAT communication and GSM modem, and in others VSAT communication or GSM modem.	Connectivity either through VSAT or GSM modem is required
19	M/s Pinnacle Geosystems	-	EMD	Regarding the submission of EMD it is mention that there is no EMD. So we request you to please clarify the same that there is no EMD will be submitted by the bidder.	Bidder will have to submit EMD of Rs. 2,10,000/-. EMD exemption on valid participants will be given.
20	M/s Pinnacle Geosystems	Eligibility Criteria - clause no. 6	The bidder should have the prior experience in last 5 years that minimum three units to be supplied	Could you please confirm that this experience can we give from our OEM Experience supply of 3 units in a single order world wide - Please clarify.	Yes, OEM experience will be considered.
21	M/s Pinnacle Geosystems	As per the clause no.7 of the document of page 17/31 Central Recording Station	Old recorded data plotting and display software from the ring buffer memory or Archive at CRS.	Please clarify	The supplied software should be capable of reading data archived locally on the DAS, as well as data stored on the CRS server, regardless of the data format used for local storage on the DAS or the data streaming format used by the CRS
22	M/s Pinnacle Geosystems	Technical minimum specifications – DAS , point no.18 page no. 15 point no. 18	Dynamic Range – You asked for 135dB or more	Please confirm Dynamic range asked for 135 dB or more does it is on 100 sps?	Yes, 135 dB or more is at 100 SPS

Additional condition: ISR reserves the right to place an additional order for one more Borehole SMA set under the same price, terms, and conditions as the original order. The bidder shall be obligated to accept this condition without any deviation