

MINUTES OF PRE-BID MEETING HELD ON 17-03-2020

Brief description of Tender Enquiry:	Supply, Installation & Commissioning of Seismic equipments and its accessories for 40 new seismological observatories under National Seismological Network.
Tender Enquiry Reference number and date:	Tender Enquiry No. S-02176/NSN/Augmentation Dated: 21 st February 2020.
Date and Time of Pre-bid meeting:	17 th March 2020 at 1100hrs
Venue of Pre-bid meeting:	National Center for Seismology, Conference Hall, Mausam Bhavan Complex, Lodi Road, New Delhi-110 003

The following Bidders' Representatives attended the pre-bid meeting:

S.No.	Name of the firm / Bidder	Firm Representatives
1.	M/s Chrisvin Geomet Services Pvt. Ltd., Chennai (Representing OEM- M/s Nanometrics Inc., Canada)	Sh. Srinivasan Sh. D. Surendran
2.	M/s Rainbow Technologies Pvt. Ltd. (Representing OEM- M/s Guralp Inc., UK)	Sh. Girish Jain
3.	M/s Pan India Consultants Pvt. Ltd., Delhi (Representing M/s Geobit Instruments Ltd., Greece)	Sh. Kailash Singh Sh. Vaibhav Goel
4.	M/s Pinnacle Geosystems, Delhi (Representing OEM- M/s Kinometrics Inc., USA)	Sh. Vinod K Tamar
5.	M/s CN Technologies (India), New Delhi (Representing M/s Geotech Instruments LLC., USA)	Sh. Kiran Dhamni
6.	M/s Toshniwal Technologies Pvt. Ltd., New Delhi (Representing OEM- M/s Trimble Inc., USA)	Sh. Sunil Toshniwal Sh. Rakesh Kumar

The following officials from NCS were present in the pre-bid meeting to clarify the queries of the prospective bidders.

S.No.	Name and Designation
1.	Dr. G. Suresh, Scientist-F
2.	Sh. R.K. Singh, Scientist-E
3.	Sh. Vedprakash Thakur, Scientist-C

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The responses to queries sought from prospective bidders during the meeting have been compiled and are given below:

1. **Regarding Earnest Money Deposit (EMD) (Clause 4 of Notice Inviting Tender):** EMD amount is fixed to ₹25,00,000/- (₹ Twenty Five lakh only) or in equivalent foreign currency (as per tender clause no.3 at page-1) having rate of exchange as on the date of publishing of pre-bid minutes; instead of earlier amount of ₹30,00,000/- (Rupees Thirty lakh) only.
2. **Clause 48.1.20:** Read as “Thermal insulation cover should have following specifications”

SN	Parameter	Value/Description
1	Make	Seismometer OEM
2	Material	Semi-rigid polyisocyanuratic foam board or better
3	Thickness of insulation cover	At least 2 inch
4	Design	Should be made by polyisocyanuratic foam board with aluminum foil facers on both sides and should have at least 6 inch gap between inner walls of insulation cover an outer wall of sensors
5	Installation	Polyurethane resin, should be used to glue the sheets into an insulating box and to glue the box to the seismic pier firmly

3. **Clause 48.2.2at page 32 and 74:** Read as “Flat response (within +/- 3dB) to ground acceleration, at least in the range of DC to 150Hz”at both pages.
4. **Clause 48.2.4at page 32 and 74:** Full Scale output voltage “Upto ±20 V” at both pages.
5. **Clause 48.2.18at page 33 and 75:** Read as “Must contain automatic or robust locking and safety mechanism during transportation.”at both pages.
6. **Clause 48.3.17at page 34 and 77:** Read as “Hardware gain selection through software for 1, 2 and 4”at both pages.
7. **Clause 8.3 (q) at page 7:** Read as ‘The quotation should be only in INR for indigenous item. In case of foreign quote, the Bidder should quote in as Tender Clause no.3’.

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8. Table A, B and C of Annexure 6 has been modified and should be read as follows:

A. Table: Quotes from OEM for Imported items (as per Tender currency mentioned at Clause no.3)

Sr. No.	Particulars	No. of Unit	Make	Model	UNIT PRICE			Total price
					Base price	Applicable taxes & duties	Total unit price	
A	B	C	D	E	F	G	H=F+G	I=HxC
1.	Broad Band Seismometer (BBS)	40						
2.	Strong Motion Accelerometer (SMA)	40						
3.	Six Channel Data Acquisition System (DAS)	40						
4.	Application Software for 35 set of digital seismographs	40						
5.	GPRS Modem*	40						
6.	Spare as per 48.8	1 Lot						
7.	Training as per 48.12.4	1 Lot						
8.	Warranty as per 48.12.7.1	1 Lot						
9.	<i>Any other Item (not specified above)</i>							
A	Total							

*If any item sourced locally should be quoted in Indian Rupees under Table B (for Indigenous Items)

B. Table: Indigenous items (as per Clause no.3)

Sr. No.	Particulars	No. of sites	Make	Model	UNIT PRICE			Total price (in INR)
					Base price	@Applicable taxes (including GST)	Total unit price	
A	B	C	D	E	F	G	H=F+G	I=HxC
1	Construction of seismic pillar as per 48.10	35						
2	Minor civil work as per 48.11	35						
3	Power system at field as per 48.3	35						
4	Portable Notebook	2						
5	<i>Any other Item (not specified above)</i>							
B	Total							

@Break-up details of taxes should be mentioned

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C. Table: Post Warranty CAMC Charges (as per Clause no.3)

SN	Particulars	Sites/ Quantit y	1 st year	2 nd year	3 rd year	4 th year	5 th year	Total
A	B	C	D	E	F	G	H	I=(D+E+F+G+H)
1.	CAMC charges for Broadband Sensor including cables and other accessories	35						
2.	CAMC charges for SMA including cables and other accessories	35						
3.	CAMC charges for DAS including cables and other accessories	35						
4.	CAMC charges for GPRS modem	35						
5.	CAMC charges for Portable Notebook	2						
6.	CAMC charges for application software installed at field sites and CRS as per 48.6 and 48.7	1						
7.	CAMC charges for power system at fieldsites as per 48.4	35						
8.	CAMC charges for communication facility as per 48.5	35						
9.	CAMC charges for compulsory two visits (at an interval of 6 months) per site	35						
10	Any other charges to make available realtime data from all stations at CRS 24x7 basis	35						
C	Total							

9. All the firms informed that their principals/OEM's countries are facing lockdown due to COVID-19 and hence requested to extend the closing date of bid submission. Therefore, bid submission end date read as **12th May 2020 upto 1800 Hrs (IST)** instead of 28th April 2020 upto 1800 Hrs in Clause no.3 of Notice Inviting Tender (NIT).

10. **Clause 7.5 (vi) at page 4 and Clause 8 of Annexure 13 at page 69:** Details of IEM are as follows :

Name	Contact Details	Address
Dr. S. K. Sarkar	Mobile: 9811149324 Email:sksarkar1979@gmail.com	B-104, Nayantara Apartment, Plot 8B, Sector-7, Dwarka, Delhi-110075
Shri Rakesh Goyal , IRSE	Mobile:9717644264 Email:goyal1259@gmail.com	2094, Joy Apartment, Sector 2, Dwarka, Delhi-110075

The above clauses will supersede the relevant clauses of Tender Bid dated 21st Feb. 2020. Hence, Technical bids must be prepared taking into consideration of above points.