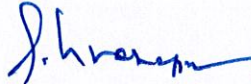


Pre-Bid Conference

**against Tender No. 57(118)2018-Pur/T-12 Dated 22/05/2019
for Supply and Installation of Strong Motion Accelerographs**

Consequent upon Pre-Bid Conference held on 07/06/2019, the following documents are attached.

1. Minutes of Pre-Bid conference and clarifications issued during the Pre-Bid Conference. (Annexure-I)
2. Attendance sheet of the firms attended the Pre-Bid Conference. (Annexure-II)


- Controller of Stores & Purchase 7/6/19

Minutes of Pre-Bid Conference
held on 07/06/2019 at 10.30 a.m at CSIR-NGRI, Hyderabad
to give clarifications for issues raised by firms against

**Tender No. 57(118)2018-Pur/T-12 Dated 22/05/2019
For Supply and Installation of Strong Motion Accelerographs**

The following attended the conference.

From Technical & Purchase Committee

Dr. EVSSK Babu, Sr. Pr. Sct.,	- Chairman
Sri. R. Vijayaraghavan, Pr. Sct.,	- I.O. Member
Dr. Nimisha Vedanti, Pr. Sct.,	- Member
Smt. P. Rajyalakshmi, F.A.O.	- Member
Sri. S. Gnanaprakasam, COSP	- Member - Convener

From Firms:

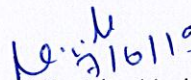
1. M/s. Chrisvin Geomet Services Pvt. Ltd., Chennai
Represented by Mr. Srinivasan Gopalakrishnan, Executive-Sales & Service
2. M/s. Rainbow Technologies, Kolkata
Represented by Mr. Arnab Kole, Asstt. Manager (Service & Support)

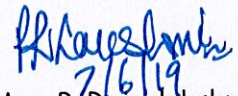
The TPC had gone through the clarifications sought by M/s. Rainbow Technologies, Kolkata vide their email dated 04/06/2019 which was found received within the stipulated time i.e., 04/06/2019 as stated in the tender. The TPC had also gone through email dated 06/06/2019 received from M/s. Pinnacle Geosystems, New Delhi and given the clarifications to the points raised by both the firms. The points raised and clarification given are stated in Annexure.

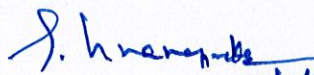
Further, the Arbitration Clause / Settlement of Disputes - Clause No. 2.32.3 of the Tender document stands amended as under:

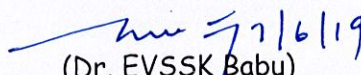
Any difference / dispute arising out of the agreement, shall be referred to Delhi International Arbitration Centre (DIAC), Delhi High Court New Delhi.


(R. Vijayaraghavan) 7/6/2019


(Dr. Nimisha Vedanti)


(Mrs. P. Rajyalakshmi)


(S. Gnanaprakasam) 7/6/19


(Dr. EVSSK Babu)
Chairman

Strong Motion Accelerograph Procurement

(T No. 57(118)2018-Pur/T-12 dated May 22, 2019)

Pre bid Meeting (7-6-2019)

Amendment / Clarifications sought by the vendors and Reply by CSIR-NGRI

Sl. No.	Tender document		Amendment / Clarification sought	CSIR-NGRI Reply
	Item No.	Description		
<u>M/s.Rainbow Technologies Ltd., Kolkata</u>				
<u>Technical Clarifications</u>				
1	A.1	<u>In built Accelerometer (Internal)</u> Tri axial, Force balanced, Orthogonal oriented transducers (one vertical and two horizontal) along with the data acquisition system in a single sealed unit.	Do you need Strong Motion Accelerograph (SMA) with built in digitiser or a separate digitiser? Please clarify	A Strong Motion Accelerograph (SMA) with built in digitiser is required. <u>Amendment not required</u>
2	B.20.iii	<u>Data Acquisition System (DAS)</u> Ethernet port, USB port should be provided	In Point No.20 "Communication" of Data Acquisition system (DAS) – In your specification you have asked for USB port & Ethernet port. In our product we have got Ethernet port only. So we request you to amend it as "Ethernet port / USB port"	Data downloading can be done through Ethernet port or USB port. But for connecting SMA to VSAT or cellular modem, Ethernet port is required. Hence it is amended as <u>"Ethernet port should be provided (optional USB port)"</u>
3	B.10.i	<u>Data Acquisition System (DAS)</u> Data Recording Both continuous and triggered recording modes	In Point No.10 of Data Acquisition system (DAS) – In our system we have got facilities for continuous recording mode including the log of events. There is no separate triggered recording mode. The data recording capacity is very high and is 64 GB with redundant facility. Hence one can store data of huge	Triggered mode recording provides immediate event data availability both locally at the field station and also at the central recording station. The PGA values of all the three components are also readily available. Hence both Continuous and triggered recording modes are required. <u>Any Amendment not</u>

P. K. Sengupta
7/6/19

P. K. Sengupta
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			capacity in a continuous recording mode without any problem. We hereby request you to consider continuous mode recording with high memory (64GB)	<u>acceptable</u>
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Commercial Clarifications

1	1.1.1	Eligible Bidders / Pre Qualification The authorized Indian Agents should submit a certified copy of the agency agreement between the principal and the agent.	Point No.1.1 "Eligible Bidders / Pre Qualification" – We , Rainbow Technologies, are exclusive authorised dealer of Guralp Systems Ltd., UK, in India. We are not defined as agent of OEM. We would like to submit Manufacturers Authorisation Form (MAF) specific to the tender from the OEM. Is it sufficient to be an eligible bidder? Please clarify.	You have to submit Manufacturers Authorisation Form (MAF) specific to the tender from the OEM. You should also meet all other items of 1.1 Eligibility criteria / Pre qualification <u>Amendment not required</u>
2	1.1.3	The bidder should have supplied at least 10 Nos. of Strong Motion Accelerographs with same specifications in the last 2 years as on date of tender submission.	We have been recently appointed as the exclusive authorized dealer of Guralp, in India. However, M/s. Guralp has a very large amount of customers in India & abroad including NGRI for supply of similar instruments. We will provide a list of supply of more than 10 Nos. of SMA across globe from Guralp, UK for your reference. Hope this will be acceptable to you as eligibility criteria of bidder.	Yes. This is acceptable. The OEM should have supplied at least 10 Nos. of Strong Motion Accelerographs with same specifications worldwide in the last 2 years as on date of tender submission. <u>Amendment not required</u>

M/s.Pinnacle Geosystems, Delhi

1.	1.29.9b	Margin of Purchase Preference: The margin of purchase preference shall be 20%.	Could you please confirm how much the price preferred in percentage of given in Make in India policy?	The margin of Purchase preference shall be 20%. It is stated in Page No.18 of the Tender document under section 1.29.9b <u>Amendment not required</u>
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2.	B.11.i	<u>Data Acquisition System (DAS)</u> Data Storage User accessible (external) hot swappable storage media	it is clear that you want "User accessible(external) hot storage media. "As the storage media is the internal instrument and as per the tender "user Swappable Storage media means there should not be internal storage media - Please confirm.	Yes. User accessible, hot swappable external storage media is required. But it does not mean that there should not be internal storage media The continuous data and triggered data should be available in the external storage media which should be user accessible and also hot swappable at the field station. <u>Amendment not required</u>
3.	B.11.iii	<u>Data Acquisition System (DAS)</u> Data Storage One spare storage media of same capacity for each digitiser to be supplied	Also please confirm the BOQ of 25 nos. what we understand is # SMA- 25 nos. with software # Storage Media spares 32GB- 25 nos.	It is clarified that the successful bidder has to supply SMA (25 Nos.) with software and one external storage media with each unit (25 Nos.) and also one spare external storage media with each unit (25 Nos.). So, the total external storage media to be supplied is 50 Nos. <u>Amendment not required</u>

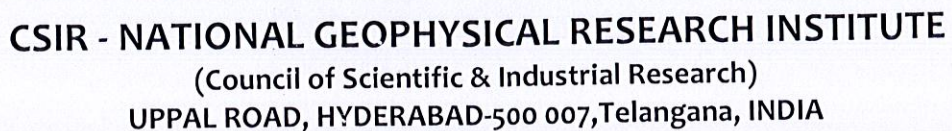
DU Dehnavi
7/6/2019

J. L. ...
7/6/19

Prakash ...
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19. ...
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**Pre-Bid Conference for
Supply and Installation of Strong Motion Accelerographs
against Tender No. 57(118)2018-Pur/T-12 Dated 22/05/2019**

The following Representatives have attended for the Pre-bid Conference held on 07/06/2019 - 10.30 a.m. at CSIR-NGRI, Uppal Road, Hyderabad.

[illegible]