

Annexure to Tender Enquiry No. No.19(7)2014-PUR/T-52, dated 31/10/2014

Providing Bandwidth Services for existing VSAT Network and Comprehensive Annual Maintenance Contract (CAMC) for VSAT Systems for a period of 2 years .

CSIR-NGRI is operating V-SAT based seismic stations for continuous monitoring of earthquakes across India in the Extended C band.

The Seismic Stations in Andhra Pradesh, Telangana, Maharashtra and Northeast India are connected to the Central Recording station CRS at Seismological Observatory of NGRI.

CSIR-NGRI invites tenders for conclusion of contract for maintenance of VSAT Systems and to provide bandwidth services for the above networks.

It is requested to submit tender for providing for the following services for a period of 2 years from the date of conclusion of contract.

- CAMC for all the existing 27 stations as per the list. Each station consists of the Gilat Skyedge VSAT IDU equipment with DC input power, 12/24V DC-DC adapter, ODU the Antenna and the cables.
- Bandwidth services for a total bandwidth of 260kbps in the Extended C Band.
- Charges for the Additional bandwidth in lots of 10kbps may be quoted.
- The VSAT service provider is expected to provide 99.9% data availability for the continuous data transmission to the respective CRS stations at NGRI (as per the list) on a continuous 24X7 basis .

LIST OF SEISMIC STATIONS

Seismic stations of Andhra Pradesh, Telangana, Maharashtra and Northeast India region to be linked to CRS

(i). Andhra Pradesh / Telangana Seismic Network	(ii).Maharashtra (Koyna Seismic Network)
1. Hyderabad (CRS1) 2. Challavanipeta (Near Srikakulam) 3. Polavaram 4. Rampur (Near Mancherial) 5. Nagarjunasagar 6. Addanki 7. Srikalahasthi 8. Uravakonda 9. Killari (Maharashtra)	1. Gokul 2. Chikli 3. Sakarpa 4. Warna 5. Marathwadi 6. Waghini 7. Kindi 8. Furus 9. Udgiri 10. Kandwan 11. Kokrud
(iii). Northeast India Seismic Network, Tezpur, Assam	
1. Golseppa 2. Lanka 3. Umrangso 4. Nangpoh 5. Misa 6. Amtreng 7. Tezpur	

Essential Requirements

1. The service provider should have proven experience in providing the **VSAT bandwidth** service and **VSAT hardware maintenance** for more than last **3 years**. Documentary evidence to this effect has to be submitted along with the tender, failing which offer will not be considered for further evaluation.

Other Terms and conditions

2. The seismic stations are located at remote locations and the V-SAT service provider should have customer support offices in cities / towns near the seismic station locations especially they should have a customer support office in Northeast India. Details of such customer support offices shall be submitted along with the tender.

- 3.The VSAT network should support full duplex communication between CRS and each remote field station in the network.
- 4.The successful bidder has to ensure uninterrupted connectivity of VSAT in all the segments of the Network.
- 5.The remote seismic stations are unmanned. They are capable of recording earthquakes unattended for many days. The VSAT system should provide 99.9% data availability throughout the year at any climate condition. The service provider should attend to any problems leading to data loss at CRS immediately. The expected response time is within three hours plus travel time from the nearest customer support office.
- 6.The 12V DC batteries, battery charger and Solar panels required for the VSAT equipment at the remote seismic stations and CRS will be maintained by the CSIR-NGRI.
- 7.The service provider shall provide necessary software tools to be installed at the CRS for monitoring the network bandwidth, current VSAT status, link uptime, link down time over period of time specified by the user.
- 8.The service provider shall inspect the sites (if necessary) in consultation with CSIR-NGRI and give the acceptance for providing the AMC services and Bandwidth.
- 9.The tender shall be valid for 90 days from the date of opening.
- 10.**Earnest Money Deposit of Rs.75,000** (Rupees Seventy Five thousand only) shall be submitted along with the tender, failing which the tender will be summarily rejected. The EMD shall be submitted in the form of Demand Draft drawn in favour of Director, CSIR-NGRI payable at Hyderabad or Bank Guarantee as per format enclosed.
- 11.The incidence of Service Tax shall be stated clearly in the quotation.
- 12.The TDS will be deducted as per rules in force.
- 13.The payment for the AMC & Bandwidth service, will be made on quarterly basis, on completion of satisfactory service for each quarter.
- 14.The Contract will be valid for **2 years** from the date of conclusion.
15. Penalty: Any complaint shall be attended within **24 hours** and in any case not later than travel time mentioned in the CRS Station list. For any delay, penalty will be levied @ **Rs.2,000 per day**.
16. CSIR-NGRI reserves the right to add or remove stations and related bandwidth usage during the period of contract.
17. Unsigned, Late, delayed tenders AND tenders without EMD will not be considered.
- 18.The Tender should be kept in a cover sealed with wax, superscripted and properly identified with enquiry number & name of material for which the tender is submitted and addressed to the Director, National Geophysical Research Institute, Uppal Road, Hyderabad – 500 007, A.P., India. Fax/e-mail Tenders will not be accepted. The Tenders will be opened in the purchase department of NGRI in the presence of authorized representatives if any of the quoting firms on the date and time mentioned on the first page.
- 19.The prerogative of accepting of quotation rests with the director, NGRI, Hyderabad who does not bind himself to accept the lowest quotation and reserves the right to himself to reject any of the quotation received without assigning any reason whatsoever.

(DHARMENDRA KUMAR)
Stores & Purchase Officer

**BID SECURITY FORM (EMD)
MODEL BANK GUARANTEE FORMAT FOR
FURNISHING BID SECURITY (EMD)**

Whereashereinafter called the "tenderer") has submitted their offer dated.....for the supply of(hereinafter called the "tender")against the purchaser's tender enquiry No.

KNOW ALL MEN by these presents that WEof having our registered office at..... are bound unto(hereinafter called the "Purchaser)

in the sum of

for which payment will and truly to be made to the said Purchaser, the Bank binds itself, its successors and assigns by these presents. Sealed with the Common Seal of the said Bank this..... day of20.....

THE CONDITIONS OF THIS OBLIGATION ARE:

- (1) If the tenderer withdraws or amends, impairs or derogates from the tender in any respect within the period of validity of this tender.
- (2) If the tenderer having been notified of the acceptance of his tender by the Purchaser during the period of its validity:-
 - a) If the tenderer fails to furnish the Performance Security for the due performance of the contract.
 - b) Fails or refuses to accept/execute the contract.

WE undertake to pay the Purchaser up to the above amount upon receipt of its first written demand, without the Purchaser having to substantiate its demand, provided that in its demand the Purchaser will note that the amount claimed by it is due to it owing to the occurrence of one or both the two conditions, specifying the occurred condition or conditions.

This guarantee will remain in force up to and including 45 days after the period of tender validity and any demand in respect thereof should reach the Bank not later than the above date.

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(Signature of the authorized officer of the Bank)

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Name and designation of the officer

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Seal, name & address of the Bank and address of the Branch