



## सीएसआईआर-राष्ट्रीय भूभौतिकीय अनुसंधान संस्थान

CSIR - NATIONAL GEOPHYSICAL RESEARCH INSTITUTE

(वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद् / Council of Scientific & Industrial Research)

उप्पल रोड, हैदराबाद / Uppal Road, Hyderabad-500 007, (तेलंगाणा/Telangana), भारत/India

दूरभाष/Tel: +91 40 27012370 / 27012887 फैक्स/Fax: +91 40 27171564 ईमेल/Email: [purchase@ngri.res.in](mailto:purchase@ngri.res.in)

### निविदा के लिए निमंत्रण / INVITATION TO TENDER

सं. /No. 19(11)2016-Pur/ T-12

दिनांक/ Date: 24-05-2017.

|  |   |   |
|--|---|---|
| विषय /Sub  | : | Tender for Providing Bandwidth Services for existing VSAT Network and Comprehensive Annual Maintenance Contract |
| संदर्भ /Ref  | : | 19(11)2016-Pur/T-12 dated 24-05-2017  |
| □□□□□□□□ □□□□ □□<br>□□□□□ □□□□ /Last Date of<br>Submission | : | 15-06-2017 by 12.30 PM  |
| खोलने □□ □□□□ /<br>Date of Opening                         | : | 15-06-2017 by 3.00 PM   |

Sealed tenders are invited under Two Bid System (Part-I Techno commercial un-priced & Part-II Priced bid), for Providing Bandwidth Services for Existing VSAT Network and Comprehensive Annual Maintenance Contract for VSAT Systems as per the terms and conditions stated in this document

| S. No | Description of item   | Qty   |
|-------|---|-------|
| 1.    | VSAT Satellite Bandwidth (Extended C band) and Comprehensive AMC for Gilat VSAT equipment with 24V DC input IDU, Extended C ODU, Antenna and cables for a period of 2 years as per the details enclosed | 1 set |

All bids must be accompanied by security deposit/EMD as stated under the terms and conditions enclosed and must be delivered to the above office at the date and time indicated above.

The Part-I Techno commercial un-priced bid shall be opened on the same day at 3.00 PM. In the event of the date specified for bid receipt and opening being declared as a closed holiday for purchaser's office, the due date for submission of bids and opening of bids will be the following working day at the appointed time.

The tenders so received will be opened as indicated above in the presence of the bidders who choose to attend.

The Director, CSIR-NGRI reserves the right to accept or reject any or all tenders either in part or in full or to split the order without assigning any reason there for.

(एस.ज्ञानप्रकाशम /S.GNANAPRAKASAM)  
भंडार एवं क्रय नियंत्रक/Controller of Stores & Purchase

## Bid Evaluation Criteria

### **Technical:**

1. The service provider should have proven experience in providing the **VSAT bandwidth** service and **VSAT hardware maintenance** for last 10 **years** as on date of tender advertisement.
2. The seismic stations are located at remote locations (the list of seismic stations location attached) and VSAT service provider should have customer support offices in cities/towns near our seismic network station locations especially they should have a customer support office in Northeast India.

**Documentary evidence for meeting above 2 criteria has to be submitted along with the tender, failing which tender will not be considered for further evaluation.**

### **Commercial:**

Bids will be evaluated on overall lowest basis for changes for all the 30 stations for Providing Bandwidth Service for existing VSAT Network and Comprehensive Annual Maintenance Contract (CAMC) for VSAT Systems for 2 years. .

### Terms and conditions

- A. The tender shall be valid for 90 days from the date of opening.
- B. **Earnest Money Deposit of Rs.84,000** (Rupees Eighty Four Thousand only) shall be submitted along with the tender in the part-I Techno commercial un-priced Bid and 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.
- C. Tender to be submitted for both Providing Bandwidth Service for existing VSAT Network and Comprehensive Annual Maintenance Contract (CAMC) for VSAT Systems for a period of 2 years for all the 30 seismic stations mentioned in annexure A.
- D. **The Service Tax shall be stated clearly and separately in the quotation.**
- E. **Payment:** The payment for the AMC & Bandwidth service, will be made on quarterly basis, on completion of satisfactory service for each quarter.
- F. **Penalty:** Any complaint shall be attended within **24 hours** and in any case not later than travel time. For any delay, penalty will be levied @ **Rs.2,000 per day**.
- G. The TDS will be deducted as per rules in force.
- H. The Contract will be valid for **2 years** from the date of conclusion. And may be extended for another period of 1 year based on satisfactory performance.
- I. CSIR-NGRI reserves the right to add or remove stations and related bandwidth usage based on satisfactory service during the period of contract.
- J. Unsigned, Late, delayed tenders AND tenders without EMD/BG will not be considered.
- K. 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.
- L. The prerogative of accepting of tender rests with the director, NGRI, Hyderabad and reserves the right to himself to reject any of the quotation received without assigning any reason whatsoever.

**Annexure to Tender Enquiry No. No.19(11)2016-Pur/T-12, dated 24/05/2017**  
**(Scope of Work)**

**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 CSIR-NGRI, Hyderabad

1. CAMC for all the existing 30 stations as per the list. Each station consists of the Gilat VSAT IDU equipment with DC input power, 12/24V DC-DC adapter, ODU the Antenna and the cables.
2. Bandwidth services for a total bandwidth of 300 kbps in the Extended C Band.
3. Charges for the Additional bandwidth in lots of 10kbps may be quoted.
4. The seismic data is recorded and transmitted from all the 29 remote seismic stations to the Central Recording Station (CRS) at CSIR-NGRI campus at Hyderabad in VSAT-VSAT to mode on continuous 24x 7 basis. As VSAT systems are used for the critical application of collecting seismic data, the service provider should provide 99.99% data availability at the Central Recording Station (CRS).
5. The VSAT network should support full duplex communication between CRS and each remote field station in the network
6. The successful bidder has to ensure uninterrupted connectivity of VSAT in all the segments of the Network
7. 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. Details of such customer support offices shall be submitted along with the tender.
8. 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.
9. 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.
10. 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.
11. **The bidder has to submit a certificate confirming compliance to conditions from SI .No. 4 to 10.**
12. The bidder shall inspect the sites (if necessary) on prior intimation to CSIR-NGRI and give the acceptance for providing the AMC services and Bandwidth.

**Annexure (Continued)****LIST OF SEISMIC STATIONS**

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

| <b>(i). Andhra Pradesh / Telangana Seismic Network</b>  | <b>(ii).Maharashtra (Koyna Seismic Network)</b>  |
|---|--|
| <ol style="list-style-type: none"><li>1. Hyderabad (CRS1)</li><li>2. Challavanipeta (Near Srikakulam)</li><li>3. Polavaram</li><li>4. Rampur (Near Mancherial)</li><li>5. Nagarjunasagar</li><li>6. Addanki</li><li>7. Srikalahasthi</li><li>8. Uravakonda</li><li>9. Killari (Maharashtra)</li></ol> | <ol style="list-style-type: none"><li>1. Gokul</li><li>2. Chikli</li><li>3. Warna</li><li>4. Marathwade</li><li>5. Waghini</li><li>6. Furus</li><li>7. Udgiri</li><li>8. Kokrud</li><li>9. Rasati</li><li>10. Belari</li><li>11. Panchagani</li><li>12. Nayari</li><li>13. Ukhalu</li><li>14. Phansavale</li></ol> |
| <b>(iii). Northeast India Seismic Network, Tezpur, Assam</b>  |  |
| <ol style="list-style-type: none"><li>1. Tezpur</li><li>2. Golseppa</li><li>3. Lanka</li><li>4. Umrangso</li><li>5. Nangpoh</li><li>6. Misa</li><li>7. Amtreng</li></ol>  |  |

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

Whereas .....hereinafter 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 WE .....of ..... 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 of .....20.....

**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.

.....

(Signature of the authorized officer of the Bank)

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Name and designation of the officer

.....

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