

National Institute of Technology, Raipur, C.G.
INVITATION LETTER

Package Code: TEQIP-III/2019/nitr/47 Current Date: 04-Nov-2019
Package Name: GII-10 Method: Shopping Goods

To,

Sub: INVITATION LETTER FOR GII-10

Dear Sir,

1. You are invited to submit your most competitive quotation for the following goods with item wise detailed specifications given at Annexure I,

Sr. No	Item Name	Quantity	Delievery Period	Place of Delivery	Installati on Requirement (if any)
1	Multi Electrode Resistivity Imaging System	1	60 Days From date of Purchase Order	Applied Geology Department, NIT Raipur, chhattisgarh	Yes

2. Government of India has received a credit from the International Development Association (IDA) towards the cost of the Technical Education Quality Improvement Programme [TEQIP]-Phase III Project and intends to apply part of the proceeds of this credit to eligible payments under the contract for which this invitation for quotations is issued.

3. Quotation

- 3.1 The contract shall be for the full quantity as described above.
- 3.2 Corrections, if any, shall be made by crossing out, initialling, dating and re writing.
- 3.3 All duties and other levies payable by the supplier under the contract shall be included in the unit Price.
- 3.4 Applicable taxes shall be quoted separately for all items.
- 3.5 The prices quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
- 3.6 The Prices should be quoted in Indian Rupees only.

4. Each bidder shall submit only one quotation.
5. Quotation shall remain valid for a period not less than 90days after the last date of quotation submission.
6. Evaluation of Quotations: The Purchaser will evaluate and compare the quotations determined to be Substantially responsive i.e. which
 - 6.1 Are properly signed; and
 - 6.2 Confirm to the terms and conditions, and specifications.
- 6.3 The Tenderer / Bidder need to submit the following certificates along with the quotation to
 - * Confirm their eligibility:
 - * Proof of establishment of Firms/shop/business/manufacturing unit etc. and Dealership certificate from the principals etc.
 - * GST certificate should be enclosed
 - * Previous Purchase order copy.
 - * Certificate of Declaration that Firm is Non Blacklisted.
7. The Quotations would be evaluated for all items together.
 - * As per government notification No.45/2017-Central Tax (rate), dated 14 Nov 2017, NIT Raipur is eligible to get concessional GST rate of 5% on purchase of equipment mentioned in Notification used for research purpose only. In this regard NIT Raipur will be providing following mentioned documents for concession:
 - a. DSIR Certificate Copy;
 - b. Certificate to supplier for purpose of GST Concession (on the Institute's Letter Head).
8. Award of contract The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price.
 - 8.1 Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of Contract.
 - 8.2 The bidder whose bid is accepted will be notified of the award of contract by the Purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be Incorporated in the purchase order.
9. Payment shall be made in Indian Rupees as follows:
Satisfactory Delivery & Installation - 0% of total cost
Satisfactory Acceptance - 100% of total cost
10. Liquidated Damages will be applied as per the below: Liquidated Damages will be applied as per the below:-Maximum one month extension in delivery period may be given on the receipt of written request of the successful vendor; however liquidated

damage at the rate of 5% per month or part thereof will be recovered from the firm of the value of undelivered goods. Request for extension in delivery period should be made before the last date of supply as mentioned in purchase order.

11.All supplied items are under warranty of 12 months from the date of successful Installation

12.You are requested to provide your offer latest by 05:30 hours on 10-Dec-2019.

13.Detailed specifications of the items are at Annexure I.

14.Training Clause (if any) : Yes

15.Testing/Installation Clause (if any): Yes

16.Performance Security shall be applicable:

Performance Security (PS):The successful bidder has to furnish “Performance Security of 10% of the ordered value in Indian Rupee”, in the form of Account Payee Demand Draft, / Fixes deposit and/or unconditional Bank guarantee encashable on demand from the Director, NIT, Raipur, from a nationalized Bank with validity period of sixty (60)days beyond the date of completion of all contractual obligations of supplier including guarantee/ warranty obligations. The Performance Security is to be furnished in favor of the Director, National Institute of Technology, Raipur, within ten days of intimation. The performance security will be discharged by the Purchaser and returned to the Supplier not later than 60 days following the date of completion of the Supplier's performance obligations, including any warranty obligations.

17.Information brochures/ Product catalogue, if any must be accompanied with the quotation clearly indicating the model quoted for.

18.Sealed quotation to be submitted/ delivered at the address mentioned below,

National Institute of Technology Raipur

G.E. Road, Raipur

Chhatisgarh – 492010

19.We look forward to receiving your quotation and thank you for your interest in this project.

Registrar
NIT Raipur

Annexure I
Specifications of Multi Electrode Resistivity Imaging System:

A		Equipment, cables, software
1	General description of equipment	The main processing unit should be compact and light weight, microprocessor controlled, multi-electrodes (72 electrodes) system integrated in the same housing in single equipment. Automatic injection current ranging, stacking and averaging. No electronic devices in-between the cables.
2	Electrodes Arrays	Main unit should be configured for at least Wenner, Wenner-beta, Wenner-gamma, Schlumberger, Gradient, Dipole-dipole, pole-dipole, arrays. Enable to take up to maximum possible depth penetration of current during Imaging survey by above configuration by 72 electrodes.
3	Cable	Multi core cable with 24 take outs (or more) in 10 m spacing. The end connectors should be commercially available 32 positions (Amphenol, TE Connectivity, Souriau or equivalent) type with dustproof end caps. Two spare connectors are to be supplied extra. Technical specifications of cables are to be enclosed.
4	Data transfer	Equipment can be interfaced with PC or laptop for upload and load of Sequence file and data file
5	Power source	12/24 Volts re-chargeable battery source for imaging, data acquisition and data transfer to external PC/Laptop and external power source for 96 Volts or more for the booster for deep penetration
6	Output transmitting Power	250 W or more
7	Output current maximum	2.5A or more
8	Output Voltage	800 V or more
9	Automatic Ranging	Microprocessor controlled
10	Measurement	Direct measurement of Resistivity, SP and IP
11	Current measurement precession	0.2 percent typical or better
12	Resistivity accuracy	0.2 percent typical or better
13	Voltage measurement /	0.2 % typical / 1 micro-Volt or better

	precision	
14	Input Impedance	100 Mega Ohm or better
15	Input Voltage protection	Up-to 1000V or better
16	Noise Reduction	Continuous stacking selectable automatic. Noise should be monitored automatically before injection of current
17	SP compensation	Through automatic linear drift correction.
18	Induced Polarization	Arbitrary windows flexibility, configured to power line frequencies
22	Measurement method	Roll along facility, move sequence
19	Environmental	Weather proof, Shock proof
20	Operating Temp	All weather temperature of Indian tropical and cold climatic condition (-20 ⁰ C to 70 ⁰ C)
21	IP Grade	51 or more
22	Dedicated Software	Sequence creation, data acquisition, data transfer, processing, filtering, 2D/3D inversion and interpretation etc.
B	Data transfer, processing & interpretation device	Compatible Laptop for data transfer, processing & interpretation, latest Window operating system (Not less than Window-10), 1 TB HDD, 8 GB RAM, 04 GB Graphic Card, latest microprocessor (Core i7), size not less than 12inches. All software in Laptop including processing & interpretation software.
<p>C. Scheduled requirement (Complete set of equipment with software, Laptop, accessories etc.):</p> <ol style="list-style-type: none"> 72 Electrode Resistivity/ IP Imaging system: 1 unit Multi Core Cable with 24 take-outs (or more) with 10 m spacing: 1 Spare cable connectors - 02 Stain steel electrodes with connector to cable :30 No's Jumpers, data transfer cable, connector etc.: 1 set 12/24 rechargeable Battery with all leads and Charger: 1 set Software for sequence creation, data acquisition, data transfer 2D/3D inversion and interpretation : 1 No Rugged Laptop for data processing with required software : 1 No Tool Kits(Digital multi-meter, nose pliers, wire cutter, screw driver, etc): 1set Test box for Resistance: 1 no Leaflet and Brochures: Operation, maintenance as well as software's: 1 set 		
<p>D. Demonstration</p> <p>Demonstration of same make model being offered to be done for technical acceptance of the offer.</p>		
<p>E. Training:</p>		

Training by qualified geophysicists (CV of trainer geophysicists to be included in technical bid documents) and trained geophysical operators for data acquisition, processing, interpretation, up keep and maintenance and trouble shooting, field minor repairing, principle as well as practical to faculty members/ students for five working days at supplier cost.

F. Installation, commissioning and field testing:

Supplier has to arrange for commissioning and testing of Resistivity Imaging units along with its components at jurisdiction of consignee place at supplier cost. Commissioning and field testing should be arranged within 10 days from date of intimation by NIT Raipur.

FORMAT FOR QUOTATION SUBMISSION
(In letterhead of the supplier with seal)

Date: _____

To: _____

Sl. No.	Description of goods \ (with full Specifications)	Qty.	Unit	Quoted Unit rate in Rs. (Including Ex-Factory price, excise duty, packing and forwarding, transportation, insurance, other local costs incidental to delivery and warranty/ guaranty commitments)	Total Price (A)	Sales tax and other taxes payable	
						In %	In figures (B)
Total Cost							

Gross Total Cost (A+B): Rs. _____

We agree to supply the above goods in accordance with the technical specifications for a total contract price of Rs. _____ (Amount in figures) (Rupees _____ amount in words) within the period specified in the Invitation for Quotations.

We confirm that the normal commercial warranty/ guarantee of _____ months shall apply to the offered items and we also confirm to agree with terms and conditions as mentioned in the Invitation Letter.

We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in bribery.

Signature of Supplier

Name: _____

Address: _____

Contact No. _____