

सीएसआईआर – उत्तर पूर्व विज्ञान एवं प्रौद्योगिकी संस्थान
CSIR – NORTH-EAST INSTITUTE OF SCIENCE AND TECHNOLOGY
(Council of Scientific & Industrial Research)
जोरहाट: JORHAT: असम: ASSAM



स्पीड पोस्ट द्वारा / BY SPEED POST.

File Enquiry No. 1 (PEQ)/02/14 – 15/PUR/T – 18.

Date: 04.07.2014.

Note: Please send your quotation in sealed cover on or before 23.07.2014 till 02.30 pm which will be opened on 23.07.2014 at 03.00 pm.

To,

Dear Sirs,

Kindly arrange to send your offer in a SEALED COVER in **TWO-BID (Technical Bid & Price Bid) System** quoting this office file reference super-scribe on the envelope within due-date to the terms & conditions overleaf:

Sl. No.	Description of Item / Material.	Qty.																																										
1	One DIFFERENTIAL GLOBAL POSITIONING SYSTEM Machine, (One base station receiver & 1 Rover) with necessary training: A) BASE STATION (1 NO) & ROVER STATION (1 NO):	1 set																																										
	<table border="1"><thead><tr><th>Sr. No.</th><th>Technical Specification</th><th>Details of Technical specification</th></tr></thead><tbody><tr><td>1</td><td>Receiver with Antenna</td><td>Integrated receiver with Antenna, identical, interchangeable</td></tr><tr><td>2</td><td>Satellites tracking</td><td>GPS: L1 & L2 GLONASS: L1 & L2 SBAS: GALILEO</td></tr><tr><td>3</td><td>No of Channels</td><td>100 & above</td></tr><tr><td>4</td><td>Accuracy (Static PP)</td><td>Static: 3mm + 0.1ppm (Hz), 4 mm +0.5 ppm (V)</td></tr><tr><td>5</td><td>RTK</td><td>Horizontal (8-11 mm) + 1 ppm, Vertical (15-20 mm) +1ppm</td></tr><tr><td>6</td><td>Storage Memory</td><td>Minimum 1 GB with additional storage support in the controller.</td></tr><tr><td>7</td><td>Operating Temperature</td><td>Within -20 Deg C to +60 Deg C</td></tr><tr><td>8</td><td>Humidity</td><td>100% condensing</td></tr><tr><td>9</td><td>Proof against Water/Sand/Dust</td><td>As per IP67 or better</td></tr><tr><td>10</td><td>Onboard Raw data logging</td><td>Manufacturer's standard format & Rinex</td></tr><tr><td>11</td><td>Power</td><td>Rechargeable, internal Li Ion with option for external power.</td></tr><tr><td>12</td><td>Communication Ports</td><td>1 X USB / RS232 Port, Blue tooth Integrated Receive only Radio modem. Communication protocol should support NMEA output.</td></tr><tr><td>13</td><td>Position Update rate</td><td>20 Hz or better</td></tr></tbody></table>	Sr. No.	Technical Specification	Details of Technical specification	1	Receiver with Antenna	Integrated receiver with Antenna, identical, interchangeable	2	Satellites tracking	GPS: L1 & L2 GLONASS: L1 & L2 SBAS: GALILEO	3	No of Channels	100 & above	4	Accuracy (Static PP)	Static: 3mm + 0.1ppm (Hz), 4 mm +0.5 ppm (V)	5	RTK	Horizontal (8-11 mm) + 1 ppm, Vertical (15-20 mm) +1ppm	6	Storage Memory	Minimum 1 GB with additional storage support in the controller.	7	Operating Temperature	Within -20 Deg C to +60 Deg C	8	Humidity	100% condensing	9	Proof against Water/Sand/Dust	As per IP67 or better	10	Onboard Raw data logging	Manufacturer's standard format & Rinex	11	Power	Rechargeable, internal Li Ion with option for external power.	12	Communication Ports	1 X USB / RS232 Port, Blue tooth Integrated Receive only Radio modem. Communication protocol should support NMEA output.	13	Position Update rate	20 Hz or better	
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B) CONTROLLER:		
Sr. No	Technical Specification	Details of Technical specification
1	Operating System	Windows CE or similar operating system
2	Display	Full colour VGA display, touch screen with facility to display point line polygon or better
3	Communication ports	Bluetooth, USB port, slot for SD card, power port etc.
4	Keyboard	Alphanumeric Hard keyboard or better
5	Memory	256MB RAM or more
6	Storage memory	1 GB non-volatile NAND Flash on board plus SD card slot or more
7	Operating Temperature	-30 Deg C to +60 Deg C
8	Drop	Up to 1.0m on to plywood over concrete
9	Camera	2MP or better
<p>C) External (25-35 W) High Power Radio modem for Base with necessary cables & accessories</p> <p>OFFICE POST PROCESSING SOFTWARE</p>		
Sr. No.	Technical specification	Details of Technical specification
1	Operating system	Windows XP and or any advanced versions
2	Importing Raw data	Capable to download/import raw data from the GPS/GLONASS receivers as well as RINEX data. Also capable to import raw data as well as precise ephemeris data via internet
3	Baseline processing	Should be capable to process GPS L1 and L2 as well as GLONASS L1 & L2 raw data / Rinex data
4	Network adjustment	Should be able to perform Network adjustment using least square adjustment principle
5	Export	Capable of exporting the data in RINEX format as well in CAD format
6	Reporting	Software should be capable of generating reports directly for the surveyed data
7	Datum Transformation	Capable of transferring the data from one datum to another for given set of common points with or without the knowledge of datums.
8	Feature coding	Software should support feature coding
9	COGO	Software should have COGO functionality
10	RTK Data Support(Optional)	Should be able to handle RTK Data

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	Schedule of Requirements	Qty	
	1. GNSS Receiver with integrated Antenna	2 Nos. for Base & Rover	
	2. Windows based controller	1 for each receiver	
	3. Batteries	a) 2 Nos. for each receiver b) 2 Nos. for each controller	
	4. Internal / External battery charger	1 No with facility for charging two batteries at a time	
	5. Tripod setup for both Base & Rover	i) Wooden Telescopic tripod ii) Tribrach with optical plummet iii) Antenna adapter iv) Antenna Height measuring device	
	6. Pole setup for Rover	One set	
	7. Cables	All necessary cables for Base & Rover	
	8. Radio	One set of Base & Rover Radio modems with Necessary accessories	
	9. P. P. software	1 Lic	
	10. Warranty	3 (three) years	
<p>NOTE:</p> <ul style="list-style-type: none"> ❖ The best offer may be quoted as per our requirement and avoid two or more alternate offers. ❖ Technical compliance sheet as per our required technical parameters may be attached along with supporting documents. 			

आपको धन्यवाद,
Thanking you,

भवदीय,
Sincerely,

भंडार और क्रय अधिकारी
Stores & Purchase Officer
Tel: 91 – 0376 – 2372710, Fax: 91 – 0376 – 2372921,
E-mail: spopur@gmail.com
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TERMS & CONDITIONS

1. INVITATION OF BID

Director, CSIR – NEIST, Jorhat invites sealed bid for each item(s) in **TWO-BID (Technical Bid & Price Bid)** without EMD.

2) SPECIFICATIONS

The offer must be strictly as per our technical specifications to be supported with printed technical leaflet / literature of the quoted model of the item by the bidder / manufacturer and the specifications mentioned in the quotation must be reflected / supported by the printed technical leaflet / literature. The model quoted invariably be highlighted in the leaflet / literature enclosed with the quotation.

3) PRICES

a) The prices quoted should clearly indicate price break-up indicating FCA, FOB, CIF, CIP, installation & commissioning, training, duties and taxes, etc.

b) In case of domestic, the offer should contain the basic price and percentage of Excise Duty separately since we are exempted from payment of Excise Duty.

c) In case of import / price quoted in foreign currency, Indian Agent may also quote for FOR CSIR – NEIST price including inland transportation, insurance, clearance charges, etc., (The charges of inland transportation & Insurance will be at actual against proper receipt). CSIR – NEIST will provide all necessary documents for customs clearance of consignment including Customs Duty Exemption Certificate, etc.

N.B: All terms used in the Bid / Supply order/contract will have the meaning as described in the "INCOTERMS-2000".

4) TAXES

The percentage rate of sales tax, resale tax, VAT, duties/levies and any other charges etc, should be clearly indicated in the tender, wherever chargeable. The packing charges must also be indicated separately.

5) CUSTOMS AND EXCISE DUTIES

Our Institution is eligible from payment of concessional custom duty and exempted from payment of excise duty vide Government notification No: 51/96-Customs dated: 23rd July 1996 and Central excise duty exemption in terms of notification 10/97 Central Excise dated 01st March 1997.

6) PAYMENT

a) import payment

The payment against import of items shall be made with the following options. The quoting party must confirm one of the options in the quotation:

- By Letter of Credit (80% of LC amount shall be released on presentation of complete and clear shipping documents and remaining 20% after satisfactory installation commissioning / demonstration and submission of Performance Security of 10% of FCA / FOB / CIF / CIP value valid for a period of eighteen months (where warranty period is one year). **Or**
- By Foreign Demand Draft or Wire Transfer. 100% payment will be made by FDD or wire transfer after receipt of material in good working condition and satisfactory installation/commissioning / demonstration and submission of performance security in favour of the Director, CSIR – NEIST, Jorhat for 10% of FCA / FOB / CIF / CIP value valid for a period of eighteen months (where warranty period is one year).

N.B: All foreign bank charges shall be borne by the supplier.

b) Indigenous payment

In case of indigenous items, payment will be 100% within 30 days after receipt and acceptance and satisfactory installation / commissioning of materials / equipment.

7) SCHEDULES OF REQUIREMENT

- i. The offer should be valid at least **90 days** from the date of opening.
- ii. Delivery & warranty period: The delivery should be **within 6 – 8 weeks** & the equipment(s) should have a comprehensive warranty of at least **3 (three) years** from the date of installation.
- iii. Please provide the name and address of your Indian Agent along with authorization letter.
- iv. Please also indicate the exact amount of Agency Commission payable to your Indian Agent in equivalent Indian currency after the receipt of the consignment in good condition at our Stores and in case of equipment after the satisfactory installation and commissioning.
- v. Please indicate details of services to be rendered by your Indian Agent.
- vi. Indicate the names of the Indian reputed organizations where you have supplied the similar equipment and may attach the satisfactory performance report of the equipment from users.
- vii. If you have supplied identical or similar equipment to other CSIR / Labs / Instt., the details of such supplies for the preceding three years should be given together with the prices eventually or finally paid.
- viii. Please do confirm that service (manual) shall be supplied along with the supply of material.
- ix. Installation, Commissioning and satisfactory demonstration of the whole system and training should be free of cost in case of equipment.
- x. The Installation, Commissioning and Demonstration of the system should be completed within two weeks from the date of arrival of the items at CSIR – NEIST, Jorhat

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- xi. It is mandatory to indicate the approximate dimensions & weight of the stores/consignment quoted for: tare Weight, Net weight and Volume (LxBxH).
- xii. Bidders should provide the name and detail address (including E-mail & Mobile No.) of their clearing and forwarding agent in India.
- xiii. Fax/email bid will be considered at the risk of bidder if EMD is not involved.
- xiv. The rate of AMC of equipment should be provided for 5-10 years beyond the warranty period.
- xv. The acceptance of quotation will rest with the DIRECTOR, CSIR – NEIST, Jorhat who does not bind himself to accept the lowest quotation and reserves the right to himself to accept or reject partially the quotations received, without any assigning any reason whatsoever.
- xvi. All other related terms and conditions from the “**CSIR Manual of Best Practices 2008**”, will be applicable in this tender.

N.B: The Quotation / Proforma Invoice should show the above information with relevant technical literature.

8) EVALUATION OF TENDERS

Unless specifically mentioned, the overall lowest bid meeting the technical specifications will be selected for placement of purchase order.

A. Grounds for summary rejection of bid / offer without any further clarification at preliminary evaluation stage:

1. Unsigned bid
2. Late or delayed bid
3. Bid validity is shorter than the required period
4. The bid is not accompanied by Earnest Money Deposit (EMD) if EMD is required
5. The bidder is not eligible
6. No authorization letter from the manufacturer
7. If there is no mention of packing, forwarding, freight, transportation and insurance charge in the offer
8. Not willing to provide performance security if it is requirement of tender.

B. Grounds to be considered as material deviation for summary rejection of bid / offer without any further clarification during intensive technical evaluation stage:

1. The good(s) quoted are not meeting major / essential technical specification(s).
2. Conditional bid, which is, not agreeing to some essential condition(s) of the tender.
3. No technical literature or brochure from the manufacturer of the quoted item(s) or product verification/ authentication from manufacturer.

C. Grounds for seeking further clarification:

1. Minor informality or irregularity or non-conformity such as make / model, other documents etc in the bid.
2. Non-conformity between figures and words of the quoted price.
3. Discrepancies between original and additional copies of a bid.
4. Requirement for more brochure or printed literature to get more clarity of certain technical specifications.
5. Reasonableness of offer price.
6. After sale support: rate and terms of AMC after warranty.
7. Non-conformity between various parameters / unit of measurement etc of technical specifications.
8. Availability of spares.

भंडार और क्रय अधिकारी

Stores & Purchase Officer

Tel: 91 – 0376 – 2372710, Fax: 91 – 0376 – 2372921,

E-mail: spopur@gmail.com