



NATIONAL CENTRE FOR EARTH SCIENCE STUDIES
 (An Institution under the Ministry of Earth Sciences, Govt. of India)
 P.B. No. 7250, Akkulam, Thiruvananthapuram-695 011, Kerala.
PURCHASE DIVISION

Our Ref : PUR-PROC/125/2019-PUR-NCESS
 (To be quoted in all correspondence)

Dt. 26.02.2019

Phone : (0471) 2511531
 FAX: (0471) 2442280
 E-mail: ncesspurchase@gmail.com
 purchase@ncess.gov.in
 website : www.ncess.gov.in

Sub: e-Procurement Tender

Dear Sirs,

Please send your offer along with descriptive catalogue/ pamphlet for the following items not later than **28.03.2019 at 11.30 AM (Tender Opening at 11.30 A.M on 29.03.2019)**. The terms and conditions governing the tender are given at the bottom.

<i>SI. No</i>	<i>DESCRIPTION</i>	<i>QUANTITY REQUIRED</i>
1.	Continuous Groundwater Level logger with telemetry system <i>(Specification attached separately)</i>	10 Nos.

INSTRUCTIONS TO THE TENDERERS AND TERMS AND CONDITIONS

- The quotation should be submitted by e-procurement in PDF format by 'logging on' in the website eprocure.gov.in/eprocure/app. The file size of the document submitted should not exceed 20 MB.
- An EMD of Rs. 44,000/- may be submitted by way of bank remittance remitting the amount to our bank account. (Account no: 57059896404; Account Name: National Centre for Earth Science Studies (NCESS); IFSC Code: SBIN0070581; MICR Code: 695009036; Bank: State Bank of India, Akkulam, Trivandrum). The remittance should reflect in our accounts on or before the date of submission. The late remittance will not be valid. Exemption from EMD will be allowed for organizations registered with Central Purchase Organization, National Small Industries Corporation (NSIC) or MoES, Govt. Of India, if the claim is supported by relevant documents. The firms claiming EMD exemption on account of being small scale should attach NSIC certificate (not acknowledgment/memorandum). **The bank details for the refund of EMD should be furnished along the bid.**
- The material should be delivered at NCESS or installed at the specified location and so the quotation should include all the charges for the delivery at NCESS/installation.
- It should be clear whether the quoted amount is inclusive of tax or not. If the tax is extra, the current tax rates should be specifically mentioned. (The tax at the time of supply should be calculated considering the DSIR registration and its certificates will be provided in our formats).
- The bid should contain the Details of EMD remitted (or NSIC), Bank Details for refund of EMD, Authorization from manufacturer, Details of Service Centre, Techno Commercial Bid, Technical Compliance statement, List of Customers, Brochures etc, wherever applicable.**
- The offer should be valid for 120 days from the due date of opening of tender.**
- The Purchaser reserves right to accept any tender in part or full without assigning any reasons. The enquiry is not a commitment and the purchaser reserves the right to reject or cancel any or all offers.
- Catalogue/Brochure/Manual should be submitted along with the offer wherever necessary.
- Warranty / Guarantee Clause needs to be mentioned necessarily wherever applicable.
- All foreign bank charges will be to the account of beneficiary.
- The purchase will be made on credit basis and the payment will be made after supply and acceptance, by bank transfer.**
- In the case of imports, both FCA and CIF/CIP Trivandrum airport prices may be quoted. 90% payment will be made against proof of dispatch documents by LC or wire transfer and balance 10% will be released against acceptance of goods and the receipt of bank guarantee.

13. In the event of placement of order, supplier / Indian agent shall provide a Performance Bank guarantee for 10% of the order value valid for warranty period + 60 days.
14. Any further changes in the details, like the date of opening or specification, will be posted on our web site only.

Yours faithfully,

Sd/-

Deputy Manager (Purchase)

Detailed Technical Specifications

(a) Continuous Groundwater Level Logger with telemetry system

1. The instrument must continuously measure water level in borewell and dug well with high accuracy using gauge pressure sensor.
2. It must measure at least up to 100 m depth with an accuracy of at least $\pm 0.1\%$ with a repeatability of $\pm 0.05\%$ or better. 3) The instrument should measure the groundwater level regularly at predefined equal intervals of time (atleast every 30 minutes).
3. The instrument must have a suitable probe and a communication device to measure the water level. 5) The probe should be of durable non-corrosive or similar material and should withstand harsh environments. 6) The data must be stored in a data logger of suitable capacity to store the data for a period of atleast six months. 7) The data stored on the data logger should be accessible onsite via connecting to a computer or a data retrieving device.
4. The instrument must be provided with telemetry system to transmit the data remotely and low power warning must be provided.
5. The data should not be in any case transmitted or stored in any external server other than at NCESS servers.
6. Suitable power supply system for sensor and data logger for uninterrupted Lithium or suitable type of battery with at least 10 years of battery life must be provided.

(b) Accessories

1. Necessary device for retrieving the data stored in the data logger should be provided.
2. Any other additional spares anticipated should also be mentioned along with the quote.
3. All software/algorithms should be provided for retrieval and visualization of data.\
4. Should provide on-site installation and demonstration and user manuals.
5. Sensors should be calibrated before installations and calibration certificate (including details of calibration) should be provided.
6. Essential tools/utilities/enclosures should be provided for the entire setup for regular operations and maintenance.
7. Necessary data logger and weather proof enclosure for data logger should be supplied.
8. Final sensor output should be in ASCII/excel/CSV/similar common format.

(c) General Conditions

1. Support for regular maintenance and validation of the instruments should be provide.
2. The detailed specification of the product along with pictures/diagrams should be provided along with the quote.
3. Provide list of similar items installed within India.
4. The quoted costs should include the cost of packing, forwarding, freight, insurance and installation charges, whichever is applicable.
5. Minimum five-year comprehensive onsite warranty for the entire setup including sensors should be provided.
6. The offer should be submitted only by manufacturer or their exclusive agent with certificate of exclusivity.
7. The specifications mentioned are most preferred & any deviation or equivalent configuration shall be mentioned in the technical compliance statement.

Technical Compliance Statement

Required Specification	Specification Offered	Whether compiled
<p>1. Continuous Groundwater Level logger with telemetry system 10 Nos.</p> <p><u>Detailed Technical Specifications</u></p> <p>(a) Continuous Groundwater Level Logger with telemetry system</p> <ol style="list-style-type: none"> 1. The instrument must continuously measure water level in borewell and dug well with high accuracy using gauge pressure sensor. 2. It must measure at least up to 100 m depth with an accuracy of at least $\pm 0.1\%$ with a repeatability of $\pm 0.05\%$ or better. 3. The instrument should measure the groundwater level regularly at predefined equal intervals of time (at least every 30 minutes). 4. The instrument must have a suitable probe and a communication device to measure the water level. 5. The probe should be of durable non-corrosive or similar material and should withstand harsh environments. 6. The data must be stored in a data logger of suitable capacity to store the data for a period of at least six months. 7. The data stored on the data logger should be accessible onsite via connecting to a computer or a data retrieving device. 8. The instrument must be provided with telemetry system to transmit the data remotely and low power warning must be provided. 9. The data should not be in any case transmitted or stored in any external server other than at NCESS servers. 10. Suitable power supply system for sensor and data logger for uninterrupted Lithium or suitable type of battery with at least 10 years of battery life must be provided. <p>(b) Accessories</p> <ol style="list-style-type: none"> 1. Necessary device for retrieving the data stored in the data logger should be provided. 2. Any other additional spares anticipated should also be mentioned along with the quote. 3. All software/algorithms should be provided for retrieval and visualization of data.\ 4. Should provide on-site installation and demonstration and user manuals. 5. Sensors should be calibrated before installations and calibration certificate (including details of calibration) should be provided. 6. Essential tools/utilities/enclosures should be provided for the entire setup for regular operations and maintenance. 7. Necessary data logger and weather proof enclosure for data logger should be supplied. 8. Final sensor output should be in ASCII/excel/CSV/similar common format. <p>(c) General Conditions</p> <ol style="list-style-type: none"> 1. Support for regular maintenance and validation of the instruments should be provide. 2. The detailed specification of the product along with pictures/diagrams should be provided along with the quote. 3. Provide list of similar items installed within India. 4. The quoted costs should include the cost of packing, forwarding, freight, insurance and installation charges, whichever is applicable. 5. Minimum five-year comprehensive onsite warranty for the entire setup including sensors should be provided. 6. The offer should be submitted only by manufacturer or their exclusive agent with certificate of exclusivity. 7. The specifications mentioned are most preferred & any deviation or 		

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