



No. RC(S)38/2015

Dated Umiam, the 27th July 2015

OPEN TENDER

Sealed bids are invited for procurement of Scientific Equipments/Instruments from the reputed registered firms/ manufacturers/ authorized dealers by ICAR Research Complex for N.E.H. Region, Umroi Road, Umiam, Meghalaya. The detailed specifications of the items & terms & conditions, etc are given below:-

1. **Cost of Tender paper of Rs. 1,000.00 (Rupees one thousand) only** (Non – refundable) to be deposited in the favour of the Director, ICAR Research Complex for NEH Region, Barapani by means of Demand Draft payable at SBI, ICAR Complex, Barapani. Non – submission of the cost of Tender paper shall lead to non – consideration of the Tender.
1. **Separate quotations along with necessary documents must be submitted for individual item(s) enclosed in the main envelope.** Quotation should consist of two Bids System - The techno-commercial bid (Bid 'I') and the financial bid (Bid 'II'). Both must be submitted in two separate envelopes to be sealed and put in a single main cover. The outer main cover should be super scribed "TENDER NO. RC(S)38/2015 dated the 27th July, 2015 for procurement of Scientific Equipments/Instruments under DST – SERB Project, Division of NRM (Water Management Section), I.C.A.R RESEARCH COMPLEX, UMIAM – 793103" and addressed to "THE DIRECTOR, ICAR RESEARCH COMPLEX FOR NEH REGION UMIAM, MEGHALAYA-793103". The Bidding Firm should give their complete address on the bottom left corner of the Main Cover.
2. **Furnishing of related documents like detailed specifications, technical literature, brand name, model and make, catalogue, authorization letter, Dealership Certificate, company registration certificate, product certification, price list (if any) etc. is mandatory, Dealership certificate/Agency Certificate for the manufacturer/ manufacturing firm should be enclosed if the rates are quoted by the Dealers/Agents. Sales tax certificate, tax clearance (up – to date), valid CST/VAT registration certificate, last 3-5 years financial standing etc. along with all the commercial terms and conditions. Failing which the quotation shall not be considered.**
3. The Cost of the Tender as well as the Earnest Money along with all other Technical Details should be mandatory kept in the Technical Bid only. The Financial Bid should consist of the Rates, their detailed break –ups, etc. Non-compliance of this shall lead to non-consideration of the Bid. Tenders may be sent by Registered Post. Tenders to be hand delivered should be put in the Tender box, kept in the CAO(S) Office of the ICAR Research Complex for NEH Region, Umiam, Meghalaya-793103 not later than **12:30 P.M. on 17th August, 2015.** Tenders received after the due date and time shall not be considered under any circumstances.
4. The tenderers [except those who are registered with the Central Purchase Organization & National Small Industries Corporation (proof should be mandatory enclosed)] shall have to deposit Rs.5,000/- (Rupees five thousand) only (for indigenious as well as for foreign items quoted in foreign currency, equivalent Indian currency may be deposited) in the form of Demand Draft, valid for 6 (Six) months, drawn in favour of the Director, ICAR Research Complex for NEH Region, Umiam, Meghalaya, payable at ICAR complex, Barapani, as a bid security, along with the quotation. Non submission of the Bid Security with quotation shall make the quotation/ bid liable to be rejected.
5. The rates quoted should be up to ICAR Research Complex for NEH Region, Umiam, Meghalaya, (as per the details) for the mentioned items. The rates must be valid for at least for 01 (one) year from the date of quotation.
6. Price quoted must be given per unit and must be all inclusive, including packing, forwarding, Delivery charges, Taxes, VAT etc., as may be applicable.
7. Attested copy of the up to date sales tax and income tax clearance certificate from the authority concerned should be submitted with the quotation.
8. The supply is effected at DGS&D rate contract, wherever is applicable. The rate should be quoted for list of items as per the tender document.

9. The Buyer shall not be responsible for payment of transit insurance charges.
10. Payment shall be made on actual delivery in good condition and successful installation and demonstration (which should be free of cost and must be completed before payment).
- a) **In case of imported goods, the price may be quoted in foreign currency and import will be on FOB basis.** However, custom clearance, Inland freight etc. will be the responsibility of the supplier and no separate charges will be paid for that, however, custom duty exemption certificate shall be provided. The supplier should inform well in advance for sending these papers. No demurrage charges will be paid. If the supplier desires, rate in corresponding Indian currency may be quoted. It will be at the discretion of the authority of ICAR Research Complex for NEH Region to accept Indian or Foreign currency prices.
 - b) In case of any custom duty charge, applicable as per Govt. of India's Notification, the same may be paid by the firm which will be reimbursed to the Indian Agent (who should be a registered firm and with DGS&D) immediately, subject to the condition that the bill of entry in original along with all relevant papers are submitted immediately, after custom clearance and installation and demonstration of the items. Installation and demonstration should be free of cost.
 - c) **The import & payment will be made by means of Foreign Bank Draft/ Site Draft in case of foreign imported goods.** Performance bank guarantee of 10% FOB value, valid till the end of warranty period, should be submitted before the release of the security deposit. All bank charges outside and inside India shall go to the beneficiary's account. Draft making charges would go to the beneficiary's account and a scanned copy of the draft, if required can be sent to the Indian agent by post. Draft would be handed over after successful installation and demonstration which should be completed within 45 days from the date of draft and submission of all documents like bill of entry etc.
 - d) All imported items should be delivered up to destination i.e. all the import should be free of inland freight charges, insurance etc.
 - e) **Indian Agency Commission rate and amount should be clearly specified as per IAC rules, wherever applicable, which will be paid in Indian Currency only.**
 - f) In case of delay in supply, penalty will be imposed @2% per week, subject to a maximum of 10% of the FOB value
 - g) Indian Agents quoting on behalf of their principal must be registered firms with DGS&D .They are also requested to provide necessary authorization letter from their principal along with the quotation.
 - h) **ICAR Research Complex for NEH Region, Umiam, Meghalaya, being a Scientific and Research Organization, is exempted from payment of Excise Duty (Certificate to this effect will be provided).**
- 11. The Firm/ Agency run by the Non-Tribal should produce Trading License issued by the KHADC & also produce Municipal Trade License as applicable state to state & Tribals should provide Schedule Tribe Certificate, failing which the tender are liable to be rejected. Non submission of Trading License, tender rates shall be rejected / not to be considered.**
12. Performance Bank Guarantee is required for all indigenous items also. For items less than Rs.50,000, the amount should be 5% of the actual cost of the equipment and for items more than 50,000.00 the amount should be 10% of the actual cost of the equipment. The bank guarantee should cover the entire guarantee/ warranty period which should be of at least one year duration.
13. In case of delay in supply, penalty will be imposed @2% per week, subject to a maximum of 10% of the FOB value. Indian Agents quoting on behalf of their principal must be registered firms with DGS&D. They are also requested to provide necessary authorization letter from their principal along with the quotation.
14. The selected tenderers must complete the supply/ installation/ demonstration within the stipulated time limit mentioned in the supply order. In case, the firm fails to execute the supply within the time limit, the bid security would stand forfeited and supply order shall be cancelled.
15. The guarantee/ warrantee should be from the date of installation. All guarantee/ warranty services should be attended within a maximum limit of 15 days, failing which, proportionate deductions from the security deposit may be made at the discretion of the Institute.



16. The complete details regarding the Institutions/ Corporations/ Bodies, etc. where the Firm/ Dealer has made the supplies during the last 2/3 years should also be furnished, along with the supply orders.
17. The Bidders should mandatory provide their full Bank Details, PAN Card No. , IFS code No., and TDS so as to ensure e-payment to them directly on satisfactory completion of the Supply and installation.
18. The Director, ICAR Research Complex reserves the right to reject any tender in part or full, without assigning any reason thereof.
19. Legal jurisdiction for all disputes shall be within the purview of the Shillong Court.
20. **All bidders shall give an undertaking that they fully and unconditionally agree to abide by all the terms and conditions which, if needed, may be modified at the discretion of the Competent Authority, in supply order, for which confirmation from the supplier shall be taken. Non submission of the undertaking may lead to rejection/ non-consideration of the tender.**
21. **The bidders should mandatory sign on every page of the Tender Document, which would show their unconditional acceptance of all the terms and conditions of the Tender Document.**
22. Tenders shall be opened on 17th August, 2015 at 02:30 pm, ICAR Research Complex for NEH Region, Umiam, Meghalaya. Interested bidders may attend the opening.
23. If the above mentioned closing /opening day of the tender happened to be non – working date due to Bandh/Strike as any other reasons, the tender will be received & opened on the following working day at the same time except on the 2nd (second) Saturday.
24. Other terms & conditions, as may be decided by the Competent Authority from time to time, depending upon the condition & requirement of the supply. The intimation in this regard, shall be provided well in advance & the bidder/ supplier shall be bound by the said terms & conditions.
25. For any query/ clarification, the undersigned may be approached at:
Contact No.: 0364-2570363 (Tel- Fax)
E-mail : kcjoshiicar@yahoo.in/icarstore@yahoo.com

Sd/- S.V. Ngachan
Director

Division of NRM (Water Management Section), ICAR Research Complex for NEH Region, Umiam			
Sl. No.	Name of the Equipment/ Instrument	Qty.	Specifications
1.	Net radiometer with mounting kit & data logger & retrieval system (IMPORTED)	1 No.	<p>Net radiometer: -</p> <p>Number of signal outputs: 1-- net total radiation Response time (95 %): < 60 s Non-linearity (over full range) < 1 % Temperature dependence of sensitivity: - 0.1 % / °C (typical) Sensitivity: 10 $\mu\text{V}/\text{W}/\text{m}^2$ (nominal) Operating temperature: -40 °C to +80 °C Spectral range (50 % points): 200 nm to 1000 nm Field of view: 180 ° upper and lower sensor Mounting rod: Fixed, 800 mm long x 20 mm \varnothing Standard cable: 15 m fixed cable</p> <p>Data Logger: - (should work with both Net radiometer & Pyrano-albedometer) Analog inputs: 8 single ended or 3 differential + 2 single ended, Voltage, Resistance Digital inputs: 4, Frequency, Counter, Time AD conversion resolution: 12/24 bits Accuracy: Down to 0.05 % Input ranges: 6 inputs, 20 mV to 2.5 V, 2 inputs, 3V Operating temperature: -40 °C to +60 °C Supply voltage: 6 V (4x AA battery, included) or 4 to 20 VDC external Communication interfaces: RS 232 Data Logger memory / expansion: 128 kB RAM / 512 MB SD card (included) Logged information: Data samples, Polynomial functions Environmental protection: IP 65 Included software: Configuration and data download Mounting: With mounting bracket for poles and walls</p> <p>Mounting kit: Suitable for the equipment</p>
2.	Pyrano – Albedometer (IMPORTED)	1No.	<p>Response time (95 %): First Class < 18 s Non-linearity (0 to 1000 W/m^2): < 1 % Tilt error (at 1000 W/m^2): < 1 % Temperature dependence of sensitivity < 4 % (-10 °C to +40 °C) Sensitivity : 5 to 20 $\mu\text{V}/\text{W}/\text{m}^2$ Impedance: 20 to 200 Ω Operating temperature: -40 °C to +80 °C Spectral range (50 % points): 285 to 2800 nm Maximum irradiance: 2000 W/m^2 Directional error(up to 80 ° with 1000 W/m^2 beam): < 20 W/m^2 standard cable length: 10 m</p>
3.	Portable Soil Moisture & Temperature Meter with Data Logger & Accessories (IMPORTED)	1 No.	<p>Portable Soil moisture & temperature meter with data logger & accessories:</p> <p>Moisture and temp sensor, epoxy body, 1 meter length</p> <p>Accuracy:</p> <p>Apparent Dielectric Permittivity (E_a): $\pm 1 E_a$ from 1 - 40 (soil range); $\pm 15\%$ from 40 — 80</p> <p>Soil Volumetric water content (VWC): Using Topp equation: $\pm 0.03 \text{ m}^3/\text{m}^3$ ($\pm 3\%$ VWC) typical in mineral soils that have solution electrical conductivity < 10 dS/m</p> <ul style="list-style-type: none"> Using medium specific calibration, $\pm 0.02 \text{ m}^3/\text{m}^3$ ($\pm 2\%$ VWC) in any porous medium <p>Temperature: $\pm 1^\circ\text{C}$</p> <p>RESOLUTION:</p> <p>E_a: 0.1 E_a from 1-20, < 0.75 E_a from 20-80 VWC: 0.0008 m^3/m^3 (0.08% VWC) from 0 to 50% VWC</p>

			<p>Temperature: 0.1°C</p> <p><u>RANGE:</u></p> <p>E_o: 1 (air) to 80 (water)</p> <p>Temperature: -40 - 50°C</p> <p>MEASUREMENT TIME: 150 ms (milliseconds)</p> <p>POWER: 3.6 - 15 VDC, 0.3 mA quiescent, 10 mA during 150 ms measurement</p> <p>OUTPUT: RS232 or SDI-12</p> <p><u>Data logger:</u></p> <p>Digital / Analog Sensor Handheld Readout w/carry case</p> <p>INPUT CHANNELS: 1 channel</p> <p>DATA STORAGE: 1 MB (5,000 readings)</p> <p>POWER REQUIREMENTS: 4 AA alkaline batteries (typically good for 40 hours of use)</p> <p>CASE MATERIAL: Splash-proof case (NEMA 1, IP20)</p> <p>INTERFACE CABLE: Serial RS232 (cable included)</p> <p>DISPLAY: 128 x 64 graphic display</p> <p>With Necessary utility software</p>
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(S. Das Biswas)
Administrative Officer (G)

