

eNotice Inviting Tender (NIT)

NIT No.: ICAT/T/PE/SITC-PC/2022-23/130
Manesar, 26th September' 2022

The Director, International Centre for Automotive Technology (ICAT), a division of NATRIP Implementation Society (NATIS), Govt. of India, hereby invites sealed bid for **“Supply and Installation of Programmable Process Controller for Saraswati Dynamic’s Hot & Cold Chamber (As per specification and make given in NIC)”** at ICAT Manesar as per following details:

Tender Activity Schedule

| | |
|-----------------------------|--|
| Product Requirement | Supply and installation of Programmable Process Controller for Saraswati Dynamic’s Hot & Cold Chamber |
| Quantity Required | 1 Job |
| Eligibility Criteria | <p>Minimum Eligibility Criteria: The bidder whose bid meet the following eligibility criteria would only be considered</p> <ul style="list-style-type: none"> • Legal Valid Entity: The bidder shall necessarily be a legal valid entity either in the form of Proprietary Firm, Partnership Firm, Private Limited Company. A Proof of legal validity of the Bidder shall be submitted. • Should meet the above technical requirement. |
| Evaluation Criteria | <p>Evaluation Criteria: It is mandatory for the bidder to comply with the complete technical specification given in the bid document. In the event the bidder does not comply with the technical specification, he shall be disqualified and any deviation proposed on technical specification from the bidder end will not be considered at all. Disqualified bidders will not be eligible to make any claim. Those bidders who meet our technical requirements will be moved forward for financial evaluation. The order would be awarded to the L1 bidder among the technically qualified bidders.</p> |
| Payment Terms | 100% Payment against Work completion at ICAT Site. |
| Delivery Period | Within 45 days from the date of NTP. |
| Delivery Terms | FOR Up to ICAT Site |

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|--|---|
| <p>Warranty Terms</p> | <p>30 Months warranty against any manufacturing defect. Free of Cost Replacement Against any Manufacturing Defect If Noted During Warranty Period (As Per OEM Standard Warranty)</p> |
| <p>Billing Address</p> | <p>International Centre For Automotive Technology (Centre – 1), Plot No. 26, Sector – 3, Near HSI IDC, IMT Manesar, Gurgaon 122050 GST No. 06AAATN7662F1ZI</p> |
| <p>Delivery Address</p> | <p>International Centre For Automotive Technology (Centre – 1), Plot No. 26, Sector – 3, Near HSI IDC, IMT Manesar, Gurgaon 122050 GST No. 06AAATN7662F1ZI</p> |
| <p>Last Date of submission of Sealed Techno-Commercial Bid</p> | <p>Up to 17:00 Hrs. on 14th October’ 2022, at ICAT Centre – 1, Manesar, Gurgaon, India.</p> |
| <ul style="list-style-type: none"> • Bidders to comply with Rule 144 (xi) of GFR 2017 (refer Office Memorandum of Department of Expenditure dated 23rd July 2020 https://doe.gov.in/sites/default/files/OM%20dated%2023.07.2020.pdf) • Preference to Make in India: As per the revised order issued by Department of Industrial Policy and Promotion (DIPP) vide No. P-45021/2/2017-PP (BE-II) dated 04.06.2020. The purchaser reserves the right to give preference to the local supplier. https://dpiit.gov.in/sites/default/files/PPP%20MII%20Order%20dated%204th%20June%202020.pdf | |
| <p>Sealed Envelope should be marked with “Supply and installation of Programmable Process Controller for Saraswati Dynamic’s Hot & Cold Chamber at ICAT Centre – 1, Manesar”</p> <p>Interested suppliers/service providers who meet our requirements should submit no regret techno commercial proposal along with product catalogue in a sealed envelope latest by 14th October’ 2022, by 17:00 Hrs. at below given address</p> <p>To, The Purchase Department, International Centre For Automotive Technology Plot N. 26, Sector-3, HSI IDC, IMT Manesar Gurgaon 122050 (Haryana) Contact No. +91 9971150821</p> <p>Note: ICAT reserves the right to reject/modify/cancel the tender without assigning any reason thereof.</p> | |

Annexure A

Financial Bid for Supply and Installation of Programmable Process Controller for Saraswati Dynamic's Hot & Cold Chamber

| SI No. | Item Descriptions | Unit | Quantity | Unit Price (INR) | Total Value (INR) |
|--------|--|------|----------|------------------|-------------------|
| 1 | <p><u>Supply and installation of Programmable process controller for Saraswati Dynamic's Hot & Cold Chamber</u></p> <p>Technical Specification Make: Watlow Model: F4T Screen Size: 4.3” Screen Type: Color Touch Screen with High Resolution, Graphical user interface LED back life: min 50,000 Hours Input: Universal Input Type: RTD 2/3 wire, Thermocouple (type J,K,T,E,N,C,D,F,R,S,B), mA, mV, Thermistor Process Range: -1999 to 9999 Control Output: PID or ON-OFF Control Method: Heat/Cool, Heat Only Output Type: Switched DC No. of Analog Input: 02 Input/Output Type: Modular Design Input handling capacity: 24 Nos. Analog Control Loop: Two with TRU-TUNE + adaptive (should have capability to upgrade upto 4 Loop) PID Set: minimum 5 Nos. PID Sets Profile: 40 Profile (40 Program x 50 Segment) No. of key: Four (Home, Main Menu, Back, Help) Screen should be auto customization as the loop and Input-output selection. Input/Output Sample Rate: 10 Hz Control Loop Sample Rate: 10 Hz Calibration Accuracy: Calibration accuracy and sensor conformity: +0.1% of span, +1°C at the calibrated ambient temperature and rated line voltage Agency Approvals: UL, CE, CSA, ROHS, FM Class 3545, AMS2750E Compliance Wiring Terminals: Touch safe, removable, Right angle & front screw, 12 to 30AWG for Input,Output & Power. Alarm: 06 Nos. Soft Alarm Provided which will be display on Screen Linearization Value: 04 Nos. Provided Process Value Bock: Sensor backup, average, crossover, wet bulb-dry bulb, switch over, differential (subtract), ratio (divide), add, multiply, absolute difference, minimum, maximum, square root, altitude, Vaisala° relative humidity and pressure-to-altitude Variables: 04 Nos. User Value for digital or</p> | Unit | 1 | | |

| | | | | |
|---|--|-----|---|--|
| | Analog variable Supply: 100 to 240VAC +10/-15%, 50/60 Hz +/- 5% Environmental: NEMA 4X/IP65 front panel mount configuration only Operating Temperature: -18 to 50 degree C Storage Temperature: -40 to 85 degree C Relative Humidity: 0 to 90% non-Condensing USB Port: 2 Nos High speed USB host Port configurable type Dimension: 96x96 mm Communication: Ethernet (Modbus TCP) Configuration PC Software: Provided Warranty: 30 Months Minimum <ul style="list-style-type: none"> • Installation of controller in chamber is included. | | | |
| 2 | Freight Charges (Inclusive of Packing, Forwarding, Transportation and Insurance Up to ICAT Site) | L/S | 1 | |
| Total Value (INR) | | | | |
| IGST/GST% | | | | |
| Grand Total Inclusive of GST and Freight (INR) | | | | |

For or any technical queries please feel free to contact the undersigned:

Mr. Vidya Sagar – PE Department
 Contact No. +91 9587484362
 Mail ID: vidyasagar@icat.in

Evaluation Criteria:

It is mandatory for the bidder to comply with the complete technical specification given in the bid document. In the event the bidder does not comply with the technical specification, he shall be disqualified and any deviation proposed on technical specification from the bidder end will not be considered at all. Disqualified bidders will not be eligible to make any claim. Those bidders who meet our technical requirements will be moved forward for financial evaluation. The order would be awarded to the L1 bidder among the technically qualified bidders.

ICAT Terms & Conditions

- **Warranty:** 30 Months against any manufacturing defect from the date of final acceptance.
- **Delivery Period:** 45 Days from the date of NTP.
- **Qualification Criteria:** The bidder whose bid meets the technical specification given above would only be considered (As per conditions mentioned in Evaluation Criteria).
- **Payment:** 100% Payment against Work.
- **Delivery Terms:** FOR ICAT Site (Inclusive of Packing, Forwarding, Transportation and Unloading of Equipment at ICAT Project Site)

International Centre for Automotive Technology (ICAT)

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