GOVERNMENT OF INDIA
DEPARTMENT OF ATOMIC ENERGY
Bhabha Atomic Research Centre
Visakhapatnam

Computational Analysis Division

Ref: BARCV/CAD/HPC/MF/2020-21/01
Dated: 19-08-2020

Sub: Notice inviting tender for “Fabrication, supply, installation and testing of User programmable control and display unit for Chiller (Model : ISAC-0921A)” at BARC campus, Atchutapuram, Visakhapatnam District, A.P as per enclosed specifications.

Dear Sir/Madam,

Sealed Quotations are invited for and on behalf of President of India for the “Fabrication, supply, installation and testing of User programmable control and display unit for Chiller Model ISAC-0921A” at BARC campus, Atchutapuram, Visakhapatnam District, A.P” as per enclosed specifications (Annexure-A and Annexure-B)

The Sealed envelope for the quotation with the reference number of this enquiry shall be super scribed with "Fabrication, supply, installation and testing of User programmable Control and display unit for Chiller (Model : ISAC-0921A)” at BARC campus, Atchutapuram, Visakhapatnam District, AP”, as per enclosed specifications Annexure-A & B and should reach on or before 07/09/2020 upto 15:00 Hrs by speed post / Courier / Email “svel@barc.gov.in” only.

To
Attn: Harsh Hemani
Head, MPSS
PEB-3, Computational Analysis Division
Bhabha Atomic Research Centre
Gandivanipalam, Dossuru Panchayat,
Atchuthapuram Mandal,
Visakhapatnam, Andhra Pradesh
India - 531011

The validity of the quotation shall be up to 90 days from the last date of submission of the quotation.

(Dr. Manoj Warrier)
Head, MPSS
PEB-3, Computational Analysis Division
Bhabha Atomic Research Centre
Visakhapatnam

Enclosure:
Annexure A: Detailed of technical specifications
Annexure B: Terms and conditions
Annexure-A

Detailed technical specifications for Fabrication, supply, installation and testing of User programmable control and display unit

User programmable control and display is the part of Air-cooled water chiller having capacity of 80 kW, Make: UNIFLAIR and Model no: ISAC-0921A.

The Control and Display unit should equipped with:

1. **Display**: LCD display with 4 rows and 20 alphanumeric characters in each row for control and programming of the chiller system
2. **Power ON/OFF Button with LED indication**: Indication of Chiller status, LED displays showing power on (green) and standby (orange); To turn On/OFF chiller manually.
3. **Alarm Button with indication**: Chiller health status indication, LED displays showing Red indication with buzzer whenever any fault arises in chiller, which can be acknowledged by pressing switch once.
4. **Scrolling key**: For Reading parameters, events and for increment and decrement of set values during programming.
5. **Enter Button**: To modify and accept values.
6. **Command and programming keys**: Additional 10 numbers of membrane keys, which are accessible only when the protective door is opened. These keys are used to read or write I/O parameters, setting chilled water temperature, mode of operations and reading the event logs etc..
7. **Connection interface**: Telephonic connector interfacing
8. **Dimension**: 19 cm X 15 cm X 4.5 cm
9. **Compatibility**: The control and display unit to be supplied should be fully compatible with Uniflair Chiller Model No. ISAC-0921A available with BARC. The vendor has to demonstrate the complete satisfactory working of the same after integrating with chiller at BARC, Vizag.
10. **Warranty**: The vendor should quote for one-year on-site comprehensive warranty from the date of satisfactory installation. This covers all material supplied under this tender.
11. **NOTE**: If any doubt, the vendor can contact indentor for any technical clarifications.
Annexure-B

General Terms and Conditions

1. Quality surveillance, inspection and inspection report
   • All items should be fabricated / procured as per BOQ description only.
   • Inspection and tests shall be carried out by the fabricator as per the requirements
   • Components found unsatisfactory as to workmanship or material shall be removed by the
     fabricator and replaced by the components which are to the satisfaction of BARC.
   • The finished components shall not be erected/installed without prior to approval by BARC.

2. Raw Material
   • Raw Material for all the components and hardware will be provided by the supplier.

3. Delivery
   • The bidder shall strictly complete the work (Fabrication, Delivery, Installation and
     testing) within 3 months (including Monsoon) from the date of issue of work order.
   • In special case any extension in delivery is to be granted to the contractor, party shall make a
     written request for extension justifying the reasons.

4. Sub Contract
   • The fabricator shall not sub-contract any or all the work without written consent from
     BARC. The fabricator shall be responsible to BARC for the entire sub contractor of the
     fabricator, if at all allowed by BARC.

5. Taxes
   • GST as applicable against undertaking from the supplier. The fabricator should quote all
     rates inclusive of applicable GST.
   • Please note that BARC being an R&D institution, GST rates are as follows
   • For Intra-state Supply of Goods: @ 2.5% SGST + 2.5% CGST
   • For Inter-state Supply of Goods: @ 5.0% IGST
   • GST exemption certificate shall be issued to the supplier.
   • (This is as per Office Order No. BARC/GST/12/2017 dt. 27.12.2017)

6. Payment
   • Part payment/Advance or against delivery cannot be made.
   • Payment will be made only after satisfactory completion of work and on production of (along
     with Delivery Challan):
     ○ Bill/Invoice containing Location of supply, separate tax components along with PAN and
       GSTN numbers
     ○ Advance Stamped Receipt
     ○ Bank Account No, Bank and Branch name with IFSC code.
     ○ Undertaking stating that GST has been promptly deposited with the authorities
   • It may be noted that:
     ○ Income tax @2% will be deducted from your bill.
     ○ TDS(under GST) will be deducted as applicable from your bill of taxable goods and/or
       services, where the total value of such supply exceeds 2.50lakh.

7. Confidentiality:
   • No party shall disclose any information to third party concerning the matters under this
     contract generally. In particular, any information identified as “PROPRIETARY” in nature
     by the disclosing party shall be kept strictly confidential by the receiving party and shall not
     be disclosed to any third party without the prior written consent of the original disclosing
     party.
• “RESTRICTED INFORMATION” categories under section 18 of the Atomic Energy Act, 1962 and “OFFICIAL SECRETS” under section 5 of the Official Secrets Act, 1923:-
• Any contravention of the above mentioned provisions by any contractor, sub-contractor, consultant, advisor or the any employees of a contractor will invite penal consequences under the aforesaid legislation.
• Prohibition against use of BARC’s name without permission for publicity purpose:-
• The contractor or sub-contractor, consultant, advisor or the employees engaged by the contractor shall not use BARC’s name for publicity through any public media like press, radio, T.V., or internet without the prior written approval from BARC (vide circular ref: 2/Misc-9/Lg1/2001/92 dated April 30, 2001)

8. Acceptance criteria for supply: Supply, installation with chillers and Satisfactory functional test with chillers at BARC campus, Atchutapuram, Visakhapatnam”
• Payment will be made after fulfilling of BOQ specifications and item technical specifications.

9. You may contact us for any clarification before 07/09/2020 (Shri Harsh Hemani, 0891-283-2030, harsh@barc.gov.in)

Place of Delivery /Contact Persons :

Attn: Stores Officer
Bhabha Atomic Research Centre
Near Nagavaram Junction,
Gandivanipalam, Dossuru Panchayat,
Atchuthapuram Mandal,
Visakhapatnam, Andhra Pradesh
India - 531011

Contacts of Indenting Officer:

1. Harsh Hemani (Indenting Officer)
SO/E, Computational Analysis Division
BARC, Visakhapatnam
Ph: 0891-2832030
Email: harsh@barc.gov.in