

No ATPC/04-01/07/NIT/18/2017-18

Date: 14.3.2018

NOTICE INVITING QUOTATIONS

Sealed tenders are invited in two Parts, 1- Technical Bid and II- Price Bid from OEM/ OEM Authorised distributors/Dealers, on behalf of the Executive Director, Regional Centre for Biotechnology for the work, at ATPC, NCR Biotech Science Cluster 3 Km Milestone Faridabad- Gurgaon Expressway, Faridabad, as per schedule and General terms & conditions.

- 01. Name of work:** Supply, Installation, Testing and Commissioning of 02 Nos x 4.5 TR and 3 TR Precision Air Conditioners at ATPC, NCR Biotech Science Cluster 3 Km Milestone Faridabad- Gurgaon Expressway, Faridabad
- 02. Estimated cost :** Rs 21.5 Lac
- 03. Earnest money :** Rs. 43,000/- in the form of Demand Draft.
- 04. Last date of sale of tender :** 28.03.2018 up to 1430 Hrs.
- 05. Last date of receipt of tender (Both technical and price bid) :** 28.03.2018 up to 1500 PM
- 06. Date of opening of the tender (Technical bid only) :** 28.03.2018 at 1530 PM
- 07. Time of completion of job :** 30 days from date of issue of work order.
- 08. Cost of tender :** Rs. Nil

09. Pre-qualification criteria:-

- (a) The contractor should have average annual turnover not less than 20 Lac for last three years, 2014-15, 2015-16, 2016-17.

(b) The contractor should have completed successfully and satisfactorily, at least one similar work of value, not less than 16 Lac, two works of 12 Lac and three similar works of 08 Lac of value in CPWD, PWD, R&D of Govt Department, Autonomous Body, in any other Govt or Reputed private Sector, in preceding five years. (Similar nature of work means "Supply, Installation, Testing and Commissioning of Precision air conditioners of capacity not less than 3 TR.

Attested copies of the **Completion Certificates** issued by the Executive Engineer or above/head of department are required to be enclosed with the technical bid, along with copy of BOQ and work order of completed work, on short fall of any document/ demand drafts (EMD) etc., the tender will summarily be rejected and no correspondence will be entertained. Decision of the Competent Authority shall be final and binding in this regard.

The contractor should also furnish complete details of the concerned authority such as name with designation, valid address, telephone/ mobile number with STD Code, etc. Contractors must submit definite proof from the appropriate authority, of having satisfactorily completed above said three similar works, during the last five years. The completed works will be open to inspection (inspection will be done at the risk and cost of the contractor) and in case works are not up to the standard, the tender will summarily be rejected & no queries will be entertained in this regard.

(c) No subletting or sub-contracting of the work will be permitted without the expressed consent of RCB authorities.

(d) Only one bid from one OEM/OEM Authorizes dealer/rep of OEM will be accepted.

The envelopes should be super-scribed clearly with Name of work and 'TECHNICAL BID'/ 'PRICE BID', providing name(s) and postal address of the Contractor with Phone/ Mobile/ Fax numbers and e-mail address if any.

The offer shall remain open for at least 60 days. Earnest Money Deposit (EMD) amounting to Rs.43,000/-in the form of Demand Drafts shall only be accepted, drawn in favour of the Executive Director, RCB, payable at Faridabad and be submitted along with Part-I, Technical Bid.

Executive Engineer

GENERAL TERMS AND CONDITIONS

Work: Supply, Installation, Testing and Commissioning of 02 Nos x 4.5 TR and 3 TR Precision Air Conditioners at ATPC, NCR Biotech Science Cluster 3 Km Milestone Faridabad- Gurgaon Expressway, Faridabad

01. The work shall be done as per tender's terms and conditions, schedule of work, specification and as per the instruction of the Engineer-in-Charge.
02. The Contractor shall be held responsible for any damage to the equipment(s) / injuries to personnel, caused due to faulty operation/ poor servicing/ mishandling etc by their staff and shall rectify the defects free of cost. Decision of the RCB, authority shall be final in this matter.
03. The Executive Director, RCB reserves the right to cancel any or all the tenders without assigning any reason.
04. Duly sealed tenders shall be dropped in the tender box placed at the reception counter of the RCB building
05. Income Tax shall be deducted from the bill as per GOI rules for which the contractor should have a PAN No. in the name of registered company or proprietor for depositing TDS.
06. Electricity and water required for executing the work at site shall be made available by RCB free of cost.
07. No escalation in any form either of materials or of labour shall be payable by the Centre.
08. All materials brought at site shall be got approved by the Engineer-in-charge before being used. **Test certificates and warranty certificate** must be submitted to RCB, issued by OEM dealer/ distributor.
09. No T & P shall be supplied by the Regional Centre for Biotechnology.
10. No advance payment shall be made however Payment of 50% of tender value can be made against supply of material at site, after due inspection by Engineer in charge.
11. The rates shall be inclusive of all GST, labour and cartage etc.
12. **Security deposit of 10%** of each bill will be deducted and same will be released after successful expiry of defect liability of one year from date of completion of work.
13. Price bid of technically qualified bidders will be opened later date under intimation to qualified bidders.
14. EMD amount of successful bidder will be adjusted against security deposit (clause No 12) during payment of first bill. However EMD of unsuccessful bidders will be released after finalization of tender. No interest is admissible on EMD amount.

15. The contractor shall submit a list of staff employed by him showing their full name, age, local and permanent address, Contractor shall be fully responsible for the safety and security of their staff. No compensation shall be payable by RCB in case of any accident/ death of any of them while operating/ working/carrying out job under tender or otherwise due to any other reasons happened in or outside RCB. The contractor shall indemnify RCB for such incidents.
16. The Contractor shall offer a guarantee for the workmanship and materials supplied for a period of one year from date of completion. The CAMC will start after expiry of DLP.
17. Time allowed for the work shall be strictly followed otherwise the contractor shall be liable to pay compensation at the rate of 0.5% of the contract value of the job undone per week of delay on the part of the contractor subject to a maximum of 5% of the total contract value.
18. Quantity of cable may vary and the bidder is to inspect the site for estimating quantities as per site requirement. Measurement will be as per actual work executed. No extra amount will be paid for any other work such as ducting work/Minor civil work such as making holes/ fasteners, Removal/cutting of glasses etc.

However, for any reason beyond the control of the contractor, the extension of time shall be granted upon application by the contractor in prescribed format. No claim for any compensation during the extended period shall be entertained and the centre's decision in this regard shall be final.

19. For proper completion of the work, if any quantity variation or extra items of work are involved, the contractor shall execute the same. Rates of extra items shall be derived from the tender itself as far as possible or else prevailing market rates shall be adopted.
20. In case the Contractors resiles from the offer within the validity of tender or contractor fails to commence the work after issue of the award letter, the earnest money will be forfeited. After commencement of the contract, the amount of earnest money will converted into security deposit.
21. Any claim dispute or difference arising out of or in connection with this agreement and which cannot be settled by mutual consultations, shall be referred to sole Arbitration or an Arbitrator to be appointed by mutual consultations. The award of the Arbitrator shall be final and binding between the parties to this agreement. The Arbitrator proceeding shall be governed by the Arbitration and conciliation ordinance dated 26th March, 1996 and shall be conducted in Delhi.

The agreement drawn shall be, subjected to the jurisdiction of the courts at Delhi /NCR.

Executive Engineer

Schedule of work

Sub: Supply, Installation, Testing and Commissioning of 02 Nos x 4.5 TR and 3 TR Precision Air Conditioners at ATPC.

| Sl No | Item | Qty | Unit | Rate | Amount |
|-------|---|-----|------|------|--------|
| 1 | Supply installation testing and Commissioning of double skin, 4.5 TR Capacity Top discharge Package Air Conditioners with DC Brushless Inverter Compressor/ Digital scroll compressor with Electronic expansion valve, Liquid Receiver, solenoid valve, Non- return valve with heater modulating humidifier to maintain 24 Deg Celsius +- 1 Deg Celsius 50-54 % RH +- 1% irrespective of seasons. Make –Daikin, Swigon blue box Vertive, Schnieder (Uniflare) Hitachi, Mitsubichi (Climaventa) | 02 | Nos | | |
| 2 | Supply installation testing and Commissioning of double skin, 3.0 TR Capacity Top discharge Package Air Conditioners with DC Brushless Inverter Compressor/ Digital scroll compressor Electronic expansion valve, Liquid Receiver, solenoid valve with heater modulating humidifier to maintain 24 Deg Celsius +- 1 Deg Celsius 50-54 % RH +- 1% irrespective of seasons. Make –Daikin, Swigon Blue Box, Vertive, Schnieder (Uniflare) Hitachi, Mitsubichi (Climaventa) | 02 | Nos | | |
| 3. | Supply installation laying and fixing of pair of of hard drawn copper pipe of 18 gauge including supply and brazing of copper elbows sockets with two coating of enamel paints requisite colour and including 13 mm Nitrile insulation pipe fixed with finally covering with cello/masking tape. | 60 | Mtrs | | |
| 4. | Supply installation laying and fixing of suitable duco/phostazed painted MS Stand for indoor and out door including nut bolts fasteners. | 04 | Sets | | |
| 5. | Supply and charging of Refrigerant R-410A including leak testing pressurization with N2 complete process.(Quantity other than pre-charged (factory), if any | 38 | Kg | | |

| | | | | | |
|----|--|----|------|--|--|
| 6 | Supply and fixing of GI Drain pipe 32 mm including elbows union sockets as per site requirement. Pipe make – Jindal/ Equivalent accessories make Unik. | 20 | Mtr | | |
| 7 | Supply laying and of 3 core x 1.5 Sq mm armoured, copper cable connecting with pin/o type thimbles fixing in 19 mm PVC pipe in recess/false ceiling as per site requirement Make Havels/HPL | 80 | Rmt | | |
| 8 | Supply and fixing of 2” perforated duly painted cable tray of size 32 mm | 20 | Rmt | | |
| 9 | Supply, laying and fixing of 4 Core x 6 Sq mm for mains power for 4.5 TR Unit. Make Havels/HPL | 10 | Rmt | | |
| 10 | Supply, laying and fixing of 4 Core x 4 Sq mm for mains power for 3 TR Unit. Make Havels/HPL | 10 | Rmt | | |
| 10 | Supply and fixing of air plenum chamber for each unit as per site requirement. | 04 | Each | | |
| 11 | Supply, Laying and fixing of Armoured 4 Core X 35 Sq mm XLPE Cable (02 Nos of length Each length 35 Mtr) with double compression glands and thimble at both the ends of each length in recess/ wall / false ceiling secured with clamps. Make Havels/HPL Lugs- Dowel, Electrica, Jakson | 70 | Mtr | | |
| 12 | Providing Comprehensive Annual Maintenance Contract of 2 Nos of 4.5 TR and 02 Nos. of 3.0 TR Precision air conditioners and system, after expiry of defect liability of one year, including routine servicing and all spare parts including refrigerant, compressor filters microprocessors etc. | 04 | Year | | |

Total Amount

GST Rate & Amount

G total Amount (in Figure)

G total Amount (in words)

Signature and seal of authorized signatory of agency/tenderer