

### GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY SECTOR 16C, DWARKA, NEW DELHI – 110078

Phone No. 011-25302462 Dated: 06.01.2016

#### Tender No.:- GGSIPU/USCT/PROJECT/PUR/2015/05 NIQ

Sealed item rate quotation is invited on behalf of Registrar, University School of Chemical Technology, Guru Gobind Singh Indraprastha University, Sector 16 C, Dwarka, New Delhi from eligible manufacturers/distributors/authorized dealers for Supply & Installation of "Temperature Controlled Stirred Continuous Membrane Setup" for USCT as per details given below:-

1.	Name of work	Supply & Installation of "Temperature Controlled Stirred Continuous Membrane Setup" for USCT at Guru Gobind Singh Indraprastha University, Sector 16 C, Dwarka, New Delhi – 110078
2.	Last date, time and venue for submission of EMD and Technical bids documents	27.01.16 Upto 05.00 p.m. in <b>USCT</b> , Block: B, Room No: 105, GGSIPU, Sector 16 C, Dwarka, New Delhi – 110078
3.	Date, time and venue for opening of technical bid	28.01.2016 at 3.30 p.m.
4.	EMD	Rs.9,000/- (Nine Thousand Only) in favour of Registrar, GGSIP University payable at Delhi
6.	Warranty	The item(s) supplied under this contract shall have on-site and comprehensive warranty for 12 months from the date of supply and installation in good working conditions.

The bids shall be submitted in two stages viz.(i) *Technical bid* (ii) *Financial bid*. Detailed specification of the item(s) to be supplied is placed at Annexure A.

#### Eligibility:-

# All eligibility documents with EMD must also be submitted in hard copy as per the date and time mentioned above.

- 1. Undertaking by the agency in its Letterhead that:
  - a. that it has not been barred or blacklisted by any of the Central/State Government/Departments/Organizations/Central or State PSU.
  - b. that it will ensure fair trade practice.
  - c. that the proprietor/partners of the agency have any relative employed with GGSIP University.
- 2. Supplier must have a copy of last VAT return.
- 3. Should have valid PAN Card.
- 4. Should have TIN number under DVAT. If TIN number is not available under DVAT, copy of TIN number of other state/UT as applicable will be submitted by the vendor and firms shall give undertaking to the effect that they shall apply and obtain TIN number under DVAT before supply of goods.
- 5. That the item(s) supplied under this contract shall have on-site and comprehensive warranty for 12 months from the date of supply and installation in good working conditions.
- 6. Should have minimum average annual financial turnover of Rs.3 Lakh during the financial year 2012-13, 2013-14 & 2014-15 duly certified by Chartered Accountant and a copy of Balance Sheet to be enclosed.
- 7. Vender/bidder should have experience of at least three year for selling of the above mentioned items.
- 8. List of the users.

#### Terms & Conditions:-

- 1. The bidder shall place his bid in the envelop marked "Technical Bid". All documents in support of eligibility as well as another envelop containing DD/Pay order for EMD shall be placed in the envelope marked "Technical Bid".
- 2. Bids without EMD will be summarily rejected.

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3. Conditional Bids will be summarily rejected.

4. Bids received after due date & time shall be summarily rejected.

- 5. The bidders will have to submit their samples for each item in the University School of Chemical Technology of the University along with technical bid. The Financial bids of only those bidders whose samples are found as per specification and passed by the Committee will be opened.
- 6. Delivery: F.O.R. GGSIP University, Sector 16 C, Dwarka, New Delhi
- 7. Delivery period:- 45 days from the date of supply order.
- 8. The EMD of unsuccessful bidders shall be refunded immediately.
- 9. Successful tenders will require to deposit 5% of the awarded amount as security deposit which will be refunded after warranty period.
- 10. In case the successful bidder fails to supply the materials, the EMD shall be forfeited to GGSIP University absolutely.
- 11. Supply after the stipulated delivery period will not be accepted.
- 12. The successful bidder will have to sign an agreement with the University stating that the rates will be valid for one year from the date of issue of first Purchase Order and the successful bidder will bond to deliver any number of the items as per the approved sample on the approved rates during the period of validity of the rates i.e. one year from the date of issue of first Purchase order.
- 13. The validity of the bid will be 120 days from the date of opening of financial bids. During the validity period, the successful bidder shall not be allowed to withdraw. In case of withdrawal, the EMD shall be forfeited to GGSIP University absolutely and no claim shall be admitted in this regard. Such bidder shall not be allowed to participate in the re-quotation process.
- 14. The rates of successful bidder will be valid for 12 months from the date of issue of letter of acceptance. University reserves the right to reject any or all the bids or accept them in part or reject the lowest bid without assigning any reason.
- 15. Unauthorized substitution or materials delivered in error of wrong description or quality or supplied in excess quantity or rejected goods shall be returned to the bidder at bidder's cost & risk.
- 16. The successful bidder shall make all arrangements towards safe and complete delivery at the designated location indicated in the supply order. Such responsibility on the part of the bidder will include taking care of insurance, freight, state level permits etc. as applicable.
- 17. In case of any dispute relating to meaning, scope, manufacturing, operation or effect of this contract or the validity or the breach thereof, University and the contractor shall make every effort to resolve amicably by direct discussion/negotiation.
- 18. In case the dispute cannot be settled amicably within 30 days of the raising of dispute by either party, either party may seek settlement of the dispute by arbitration in accordance with the provisions of the Arbitration & Conciliation Act, 1996 and the award made in pursuance thereof shall be binding on all the parties. The sole arbitrator shall be appointed by Vice Chancellor, GGS Indraprastha University.
- 19. The performance under this contract shall not be stopped for any reason whatsoever during the said dispute/proceedings unless the contractor is specifically directed to do so by the University.
- 20. The venue of arbitration proceedings shall be Delhi/New Delhi. The language of proceedings shall be English. The law governing the substantive issues between the parties shall be the Laws of India. All disputes are subject to Jurisdiction of Delhi Courts only.
- 21. It is also a term of the contract that if any fee payable to the arbitrator, shall be paid equally by both the parties. It is also a term of the contract that the arbitrator shall be deemed to have entered in the reference on the date he/she issues notice to both the parties calling them to submit their statement of claims and counter statement of claims.
- 22. Force Majeure.

For purpose of this clause, 'Force Majeure' means an event beyond the control of the contractor and not involving the contractor's fault or negligence and not foreseeable. Such events may include, but are not limited to, acts of the University either in its sovereign or contractual capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargo.

If a Force Majeure situation arises, the contractor shall promptly notify the University in writing of such conditions and cause thereof. Unless otherwise directed by the University in writing, the contractor shall continue to perform its obligations under this contract as far as reasonably practical and shall seek all reasonable alternative means for performance not prevented by Force Majeure event.

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#### Technical Specification of 'Temperature Controlled Stirred Continuous Membrane Setup'

#### Description

The specifications of "Temperature Controlled Stirred Continuous Membrane Setup" are as follows:

A temperature controlled stirred continuous membrane setup should be mounted on a steel structure. Pressure can be given in the system by means of high pressure pump which is connected with feed tank and membrane module. Feed can be recycled back to the feed tank through rotameter. Permeate should be collected from the bottom of the cell through a common outlet.

The setup should consist of bypass system, appropriate piping, valves (SS) etc. so that system can run independently. The setup should be provided with the followings:

**Membrane module:** Material of construction: Stainless steel (SS-304); Cell Volume: 500 cc. Membrane support: Plate type with fine mesh (02 numbers); Membrane holder: 75 mm diameter; Maximum operating pressure: 20 kg; Pressure gauge: 25 kg; Stirrer: 0-2000 RPM with speed controller.

Pump: Number: 01; Reciprocating ASPEE pump (3 HP) with variable flowrate, speed controller motor and steel base.

Pump throughput: Maximum 5 LPM.

Feed tank with heater and temperature controller:

Number: One

Material: Stainless steel; Maximum Capacity: 6L; Temperature controller: PID Temperature range: Ambient to 80 °C; Accuracy: ±1°C; Display: Digital.

Rotameter: Number: 01; Flowrate: up to 300 LPH

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## Financial/Commercial Bid

The specifications of "Temperature Controlled Stirred Continuous Membrane Setup" are as follows:  A temperature controlled stirred continuous membrane setup should be mounted on a steel structure. Pressure can be given in the system by means of high pressure pump which is connected with feed tank and membrane module. Feed can be recycled back to the feed tank through rotameter. Permeate should be collected from the bottom of the cell through a common outlet. The setup should consist of bypass system, appropriate piping, valves (SS) etc. so that system can run independently. The setup should be provided with the followings:  Membrane module: Material of construction: Stainless steel (SS-304); Cell Volume: 500 cc.  Membrane support: Plate type with fine mesh (02 numbers); Membrane holder: 75 mm diameter; Maximum operating pressure: 20 kg; Pressure gauge: 25 kg; Stirrer: 0-2000 RPM with speed controller  Pump: Number: 01; Reciprocating ASPEE pump (3 HP) with variable flowrate, speed controller motor and steel base.  Pump throughput: Maximum 5 LPM.  Feed tank with heater and temperature controller:  Number: One Material: Stainless steel; Maximum Capacity: 6L; Temperature controller: PID  Temperature range: Ambient to 80°C; Accuracy: ±1°C;  Display: Digital  Rotameter: Number: 01; Flowrate: up to 300 LPH  All Taxes (including insurance, freight and packing) if any  Total Amount in (Rs.) inclusive all taxes (CIP New Delhi)	Description/Specification	Qty.	EMD (Rs.)	Unit Price in figure	Unit Price in words
Pump throughput: Maximum 5 LPM.  Feed tank with heater and temperature controller: Number: One Material: Stainless steel; Maximum Capacity: 6L; Temperature controller: PID Temperature range: Ambient to 80°C; Accuracy: ±1°C; Display: Digital Rotameter: Number: 01; Flowrate: up to 300 LPH  All Taxes (including insurance, freight and packing) if one	A temperature controlled stirred continuous membrane setup should be mounted on a steel structure. Pressure can be given in the system by means of high pressure pump which is connected with feed tank and membrane module. Feed can be recycled back to the feed tank through rotameter. Permeate should be collected from the bottom of the cell through a common outlet. The setup should consist of bypass system, appropriate piping, valves (SS) etc. so that system can run independently. The setup should be provided with the followings:  Membrane module: Material of construction: Stainless steel (SS-304); Cell Volume: 500 cc.  Membrane support: Plate type with fine mesh (02 numbers); Membrane holder: 75 mm diameter; Maximum operating pressure: 20 kg; Pressure gauge: 25 kg; Stirrer: 0-2000 RPM with speed controller	01	9000/-		
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