



CSIR-Indian Institute of Petroleum

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INVITATION OF TENDER

No: PUR/1/18-19/741/DA/BFD/PO:

Dt. 07.01.2019

To,

Dear Sirs,

We are interested in purchase of following articles under terms and conditions mentioned below. Please send your Online Bids/quotations (**on FOB Price**) through Central Public Procurement (CPP) Portal (<https://www.etenders.gov.in>) with complete specifications, literature and detailed terms and conditions of supply alongwith maximum discount applicable to Govt. (R&D) organizations within the stipulated time period as has been mentioned in the e-tender notice. Only online quotations will be entertained from the registered bidders of CPP Portal. While submitting quotation, please note the terms & conditions mentioned below;

Sl No	Description	Quantity
01	A climate chamber with a provision of forced air convection, cooling and controlled humidity is required for simulating environmental conditions amicable for growth and cultivation of fungal strains for enzyme production under solid state fermentation conditions. The detailed specifications are attached as Annexure	One

TENTATIVE TIME SCHEDULE OF PROCUREMENT PLANNING

Sl. No.	Stage	Tentative Time Frame
1.	Date of Bid Opening	XX (23/01/2019)
2.	Date of Completion of Bid Evaluation	XX + 50
3.	Date of Communication of Rejection of Bids	XX + 63
4.	Date of Receipt of context, if any, from Bidders	XX + 70
5.	Opening of Financial Bid	XX + 80
6.	Notification of Award	XX + 90

TERMS & CONDITIONS

- In case the prices quoted in foreign currency then the prices should be F.O.B. GATEWAY AIRPORT and the components of air freight and insurance should be specified in the offer separately.
- In case the prices quoted in Indian currency, then the prices should be F.O.R., I.I.P., Dehradun, including packing forwarding and insurance etc.
- The taxes applicable should be specified separately, if need be.
- In case of import, our standard mode of payment is through irrevocable Letter of Credit which shall be opened through YES Bank, Dehradun which has branches in all important cities of the world.
- In case of Indian supply, payment will be released on bill basis (100% after Supply & Installation & Commissioning and our acceptance). No advance payment will be made. No claim for payment shall be entertained for the damaged items delivered.
- Indian agents if any, the nature of service they will render and percentage of agency commission to be paid should be indicated.
- As ours is a R&D organization, we are exempted from the payment of Excise Duty vide Govt. of India Notification No.04-97/CE Dt.01/03/97.
- Please furnish full specifications and other information regarding manufacturers name, model, grade, packing, warranty etc., for items quoted alongwith illustrated Leaflets and drawing.
- As far as possible quotation/tenders should be neatly typed or computer printed. Hand written offer will be rejected. Quotation must carry the GST/PAN/TIN invariably on the top. Incomplete/conditional tender received after due date and time will be summarily rejected.
- Net/Gross weight of material should be specified.
- Validity of offer should be for a period of 120 days.
- Minimum/Maximum delivery period should be specified in the quotation and strictly adhered to.
- KINDLY MENTION THE NAME AND ADDRESSES OF THE CUSTOMERS YOU HAVE SUPPLIED THE ABOVE MENTIONED ITME/INSTRUMENT/EQUIPMENT.
- Note: Where there is no mention of Packing & Forwarding, Freight, Insurance, taxes etc such offers shall be rejected as incomplete.
- Currency conversion rate for evaluation will be considered from www.rbi.org/www.xe.com of the opening date of price bid.
- The complete set of "Standard Bid Document" is available in our website www.iip.res.in at free of cost. The same may be downloaded and used while preparing your bid.
- The interested bidders should register with Central Public Procurement Portal (CPPP) <https://etenders.gov.in/eprocure/app> and should send us the login ID/User ID along with their product profile to the Purchase Department of CSIR-IIP, Dehradun.
- The acceptance of quotations rests with Director, IIP who does not bind himself to accept the lowest offer and reserves the right to himself to reject or partially accept any or all the quotations without assigning any reason.

Yours faithfully,

(S.O, Stores & Purchase)

S.No	Equipment/Instrument	Quantity
1	<p>A climate chamber with a provision of forced air convection, cooling and controlled humidity is required for simulating environmental conditions amicable for growth and cultivation of fungal strains for enzyme production under solid state fermentation conditions. Following features are required for the same:-</p> <ol style="list-style-type: none"> 1. The working volume of the chamber should be between 300 L to 500 L. 2. The system should support a working temperature between 10°C to 60°C with an accuracy not less than $\pm 0.5^\circ\text{C}$. Temperature up to 100°C will be an added advantage. 3. The inner chamber should be perfectly insulated with ecological insulation material. 4. There should be integrated cooling system or compressor which can facilitate the fungal cultivation requiring a temperature optimum of $24 \pm 4^\circ\text{C}$. 5. The humidity should be controlled in the range of 10% -98% RH (relative humidity). Preferably there should be an integrated steam generator for maintaining the humidity. The humidity accuracy of the system should be less than 2% RH. 6. The supplier should provide suitable volume of humidity water tank with piping to connect with the chamber for continuous operation. 7. There should provision for automatic dehumidification. 8. The equipment should have a provision for forced air convection /air circulation which can not only help in maintaining homogenous humidity and temperature across the entire system, but also help in proper heat/air transfer during the growth of fungus. 9. There should be provision for interior lighting. 10. The interior should be of Stainless Steel (SS 304 Make or better). 11. Heating time to 37°C from ambient temperature should not exceed 25 min. 12. All the process controls should be advanced preferably based on Fuzzy logic technology. 13. The equipment should have a double door facility, a solid exterior metal door and an internal glass door. The internal glass door should be fully insulated meeting international standards. 14. The supplier should provide a list of a minimum of 5 users in private/academic/scientific institutes using similar products 15. The supplier should provide comprehensive warranty including labor warranty of 2 years from date of purchase. 16. The installation and commissioning of the instrument along with onsite training should be free of cost 17. The equipment should have a provision for an additional facility/vent system for CO₂ supply and its detection (infra-red sensor), in case we further want to upgrade the system for microalgal cultivation. 	ONE

(S.O., Stores & Purchase)