



वै.औ.अ.प.- केंद्रीय औषधीय एवं सगंध पौधा संस्थान

CSIR -CENTRAL INSTITUTE OF MEDICINAL & AROMATIC PLANTS

पी.ओ.सीमैप, लखनऊ- 226015) उ.प्र. भारत

P.O. CIMAP, LUCKNOW-226015 (U.P.) INDIA

Email : spo@cimap.res.in/sosp@cimap.res.in Telephone : 0522-2718613,14

CPPP Tender ID : 2018_18637_1 on <https://etenders.gov.in/e procure/app>

Tender Notice No. 184(1)/ 2018/Pur-T-27

Dated: 29.11.2018

NOTICE INVITING TENDER For Fabrication Supply, Installation and commissioning of Field Distillation Units (46 Nos.) THROUGH E-PROCUREMENT

The Director, CSIR-CIMAP invites on-line bids for supply and installation of **Fabrication, Supply, Installation and commissioning of Field Distillation Units (46 Nos.)** to be used in this institute for research and development work. The bidders are requested to submit online bids, strictly as per the specifications, terms & conditions mentioned in the tender document.

The tender document contains the following:

Annexure-I	Instructions for Online Bid Submission
Annexure-II	Schedule of Requirement
Annexure-III	Price reasonability Certificate
Annexure-IV	Questionnaire
Annexure-V	Terms and Conditions
Annexure-VI	Technical Specification
Annexure-VII	Tender Acceptance letter
Annexure -VIII	Manufacturer's Authorization Form
Annexure -IX	Compliance Sheet
Annexure -X	Price Schedule

CRITICAL DATE SHEET

Tender No	184(1)/ 2018/Pur-T-25
Name Of Organization	CSIR-CIMAP, Lucknow
Tender publishing Date	29/11/2018 at 17.00 PM
Document Download Start Date & Time	29/11/2018 at 17:30 PM
Bid Submission Start Date and Time	12/12/2018 at 11.00 AM
Pre Bid Meeting Date and Time	10/12/2018 at 03.30 PM at Shabd Hall in First Floor Main Block
Bid Submission End Date and Time	20/12/2018 at 03:00 PM
Date and Time for Opening of Bids	21/12/2018 at 03:00 PM
Address for Communication	The Director Central Institute of Medicinal & Aromatic Plants P.O. CIMAP Campus, Lucknow (U.P.)-226015 Email:- spo@cimap.res.in , sosp@cimap.res.in

Section Officer (S&P)

INSTRUCTIONS FOR ONLINE BID SUBMISSION

1. The tender form/bid documents may be downloaded from the web site:
<https://etenders.gov.in/eprocure/app>
2. Bids must be mandatorily submitted Online through Central Public Procurement Portal -
<https://etenders.gov.in/eprocure/app>
3. Bids are invited in Two **bid System**.
4. Manual/Offline bids shall not be accepted under any circumstances.
5. Tenderers/bidders are requested to regularly visit the website:
<https://etenders.gov.in/eprocure/app>. Any changes/modifications in tender enquiry will be intimated by corrigendum through this website only.
6. **EMD of will be Rs 4,00,000.00** in the form of an account payee demand draft, fixed deposit receipt, banker's cheque or, Bank Guarantee. The EMD has to be submitted in offline mode. The EMD must reach us before the opening of technical bid. The Scanned copy must be attached along with technical bid. If the EMD is not reached well before the tender opening, the bid may be rejected summarily.
7. In case, the day of bid opening is declared a holiday by the government, the tenders will be opened on the next working day at the same time. No separate intimation shall be sent to the bidders in this regard.
8. The Director, CSIR-CIMAP, Lucknow reserves the right to accept or reject any or all the tenders.
9. The Firms are also required to upload copies of the following documents: -
 - a. GST Certificate/Scanned copy of GST No of the Firm.
 - b. Scanned copy of PAN Card in the name of firm/proprietor.
 - c. Scanned copy of completed Questionnaire.
 - g. Scanned copy of RTGS/Bank details of the firm
 - h. Scanned copy of undertaking duly filled in and signed by owner/proprietor of firm with legible name, mobile number & E-mail ID etc.
 - i. Scanned copy of duly Signed and stamped Manufacturer's Authorization Form as per Annexure VIII
 - j. Scanned copy of duly signed and stamped Certificate regarding Reasonability of Price as per Annexure-IX
 - k. The bidders are requested to furnish the user list. Further they are also requested to submit at least 2-3 purchase order copies of similar item(s) supplies to any Govt. R&D institute during the past 6-8 months.
 - l. All annexures must be filled up carefully. Incomplete annexure(s) may cause your bid unresponsive.

Section Officer (S&P)

SCHEDULE OF REQUIREMENTS

1. Name of Purchaser: The Director
CSIR-Central Institute of Medicinal & Aromatic Plants, Kukrail
Picnic Spot Road, Faridi Nagar, P.O. CIMAP Campus, Lucknow
(U.P.)-226015
2. Shipping Address: Detail of Shipping Address may be seen in price Schedule.

Documents/Papers, EMD (if applicable) to be submitted with Technical Bids: (In the absence of these, tender cannot be considered).

S. No.	DOCUMENTS REQUIRED
1	Scanned copy of duly signed and stamped Certificate regarding Reasonability of Price as per Annexure III
2	Copy of Duly completed Questionnaire as per Annexure IV
3	Tender acceptance letter as per Annexure VII
4	Manufacturer's Authorization Form as per Annexure VIII
5	Compliance sheet as per Annexure IX
6	Price Schedule as per Annexure X & XI
7	Scanned copy of user list. Further bidders are also requested to submit at least 2-3 purchase order copies of similar item(s) supplies to any Govt. R&D institute during the past 6-8 months
8	Copy of GST No of the firm.

PRICE REASONABILITY CERTIFICATE
(to be submitted on firm's letterhead)

This is to certify that we have offered the maximum possible discount to you in our Quotation No. _____ dated _____ for (Currency)_____.

We would like to certify that the quoted price is the minimum and we have not quoted the same item on lesser rates than those being offered to CSIR-CIMAP to any other customer nor they will do so till the validity of offer or execution of purchase order, whichever is later.

Seal and Signature of the tenderer

QUESTIONNAIRE

BIDDERS SHOULD FURNISH SPECIFIC ANSWERS TO ALL THE QUESTIONS GIVEN BELOW IN CASE A QUESTION DOES NOT APPLY TO A BIDDER THE SAME SHOULD BE ANSWERED WITH THE REMARK "NOT APPLICABLE" BIDDERS MAY PLEASE NOTE THAT IF THE ANSWERS SO FURNISHED ARE NOT CLEAR AND/OR ARE EVASIVE, THE BID WILL BE LIABLE TO BE IGNORED.

1.	Bid No	Date of opening on
2.	Bid Validity is 90 days	(Yes/No)
3.	Brand of Goods offered	
4.	Name of Address of Manufacturer	
5.	Place of the Manufacturer	
6.	Whether Manufacturer authorization certificate attached	
7.	What is your PAN	
8.	What is your GST Number	
9.	Are you a small scale unit currently registered with the National Small Industries corporation (NSIC) under single point Registration scheme for the item(S) quoted? If so, indicate the date up to which you are registered and whether there is any monetary limit on your registration.	
10.	State whether business dealings with you have been currently banned by any Ministry/deptt. Or Central Govt. or any State Govt	
11.	Whether the billing and supply will be done by the firm directly or by authorized dealer. Please reply and mention all the details including name, mobile number, E-mail of the same. The authorized dealer may be different on the basis of location	

Signature of Tenderer

Terms and Conditions

- 01. Preparation and submission of Bid: TWO BID SYSTEM** , Bidding system - *Your quotation should be in the form of Two Bid system i.e. (1) Technical Bid, and (2) Commercial Bid.*
- 02. Note:** The quotation should be submitted by the principal. In case of imported equipments the quotation preferably be in foreign currency.
- A certified copy of the agency agreement between the principal and the agent must be enclosed.
 - Foreign bidders to disclose the name and address of agent and representative in India and Indian bidder to disclose their foreign principal or associates.
- A. TECHNICAL BID SHOULD CONTAIN**
- The "Technical" bid should contain detailed specification with make, model number along with required essential/optional accessories, spares, country of origin, etc., supported by technical literature/leaflets/ photographs/engineering drawings etc. (2 copies) AND the following:*
- 1.1.1 A brief profile of the company.
 - 1.1.2 DGS&D Registration Certificate, if any may be attached.
Secondly, if the items are available under DGS&D rate contract, rates may quoted as approved by DGS&D and copy of rate contract attached.
 - 1.1.3 List of customers in India with supporting documents like purchase orders [erasing out the rate of supply] including appreciation letters, if any. **Highlight supplies to CSIR Labs in particular.**
 - 1.1.4 Detailed technical compliance sheet along with deviations (if any) (**PI. see annexure**)
 - 1.1.5 Fastest & Exact delivery period/schedule and time required for installation may be indicated.
 - 1.1.6 Any other relevant documents which may help the Institute in rightly assessing the quality of the product (e.g. ISO certification).
 - 1.1.7 The technical bid will be opened in the presence of authorized representative(s), if any, of the quoting firm(s) as per the schedule already mentioned.
 - 1.1.8 **EMD will be as Annexure I Clause No 6** the form of an account payee demand draft, fixed deposit receipt, banker's cheque or, Bank Guarantee banker's cheque. The EMD has to be submitted in offline mode. The EMD must reach us before the opening of technical bid. The Scanned copy must be attached along with technical bid.
- B. COMMERCIAL BID SHOULD CONTAIN**
- The commercial bid should contain a complete financial offer and terms & conditions of offer.
- Please note:**
- a. Commercial bid will be considered only for those offers, whose technical bid is found acceptable.
 - b. The commercial bid of the short-listed tenderers will be opened at a later date after giving intimation regarding the date and time of opening.
 - c. Certificate to the effect that your offer will be valid for at least 90 days from the date of its opening, may be attached.
 - d. **Prices: For Indigenous Supplies**:-The prices should be quoted including all charges for packing, forwarding, loading unloading transportation, insurance and installation(if applicable) at CSIR-CIMAP, Lucknow. The bid mentioning vague terms like as applicable, as actual etc will be treated as non responsive and rejected. The prices should be mentioned in both figures and words. If any discrepancy found in both, the higher price will be treated as final.
 - For Imported Supplies**:- The price may be quoted on FOB/ CIP IGI Airport New Delhi INCOTERMS@2010.
Insurance cover must be taken by the supplier to insure the consignment from all risks - from supplier's warehouse to the warehouse of CIMAP, LUCNOW.
 - e **The price bid should be submitted in the prescribed proforma as per Price Schedule Annexure – X in pdf format through e-tender only. No manual submission of bid is entertained. Price bid should indicate item-wise price for all the items mentioned in the technical bid.**
- 03. Annual Maintenance Charges:** The party should mention in the quotation, the rate/amount of annual maintenance charges, if we opt for maintenance contract after expiry of the warranty period.
- 04. Discount:** Institutional discount if any should be mentioned clearly.
- 05. Taxes and Levies:** GST/other Govt. Levies will be paid at actual and the prevailing rates of GST and other tax etc, if any may be mentioned separately. No other charges than those mentioned clearly in the quotation will be paid. GST will be 5% as per Govt, of India Ministry of Finance Notification No. 45/2017-Cenrtal Tax (Rate) New Delhi the 14th November, 2017.
- 06. Custom Duty :** Being R&D organization, CSIR-CIMAP Lucknow is exempted for payment of Custom duty (as per the extant rules) and necessary Duty Exemption Certificate can be issued accordingly if required.
- 07. Conversion to Single Currency :** To facilitate evaluation and comparison, the Purchaser will convert all bid prices expressed in the amounts in various currencies in which the bid prices are payable to Indian Rupees at the selling exchange rate established by any bank in India or www.xe.com as notified in the Newspapers/banks' website on the date of Price/Financial Bid opening.
- 08. Evaluation & Comparison Of Bids :** For the bids surviving the technical evaluation which have been found to be responsive the evaluation & comparison shall be made as under:

i. Indigenous Offers

The final landing cost of purchase after all discounts, freight, forwarding, insurance, taxes etc. shall be the basis of evaluation.

ii. Imported Offers

The CIF/CIP price shall be the basis of evaluation. CSIR-CIMAP reserves the right to place the order for procurement of the material on either of the FOB/FCA basis or CIF/CIP basis.

iii. Imported Vs. Indigenous Offers

The final landing cost of purchase taking into account, freight, forwarding, insurance, taxes etc. with customs clearance charges, Bank/LC charges, transportation upto CSIR-CIMAP as per available records with CSIR-CIMAP for imported goods) shall be the basis of evaluation.

IV. Since Distillation units are independent to each other, therefore lowest evaluated bidder shall be decided on unit basis.

- 09. Validity of rates:** Bid shall remain valid at least for a period of 90 days for indigenous and imports supplies from the date of opening of the tender prescribed by the Purchaser. A bid valid for a shorter period may be rejected by the purchaser as non-responsive. In exceptional circumstances, the purchaser may solicit the Bidder's consent to an extension of the period of validity. The request and the responses thereto shall be made in writing (or by fax or e-mail).
- 10.** The CSIR-CIMAP Lucknow will open all the bids so received before deadlines in the presence of bidder's representatives who choose to attend the bid opening process. They will sign the prescribed Performa for evidencing their attendance. In case, the opening date happens to be holiday, the bids will be opened on the next working day
- 11. Warranty/Guarantee:** Quotation should specifically mention the comprehensive onsite warranty period as mentioned in technical specifications and the warranty period should be start from date of installation of material. If no warranty is mentioned in technical specifications, standard warranty should be quoted.
- 12. Reasonability of Price:** The bidders are requested to furnish the user list. Further they are also requested to submit at least 01-02 purchase order copies of similar items(s) supplies to any Govt. R & D institute during the past 06-08 months.
- 13.** The CSIR-CIMAP Lucknow will reject a bid which is not substantially responsive. A substantially responsive bid is one, which conforms to all the terms and conditions of the notice inviting tender.
- 14.** The Director, CSIR-CIMAP Lucknow reserves the right to accept and reject any bid or to annul the bidding process and reject all the bids at any time prior to award of contract, without thereby incurring any liability to the affected bidder or bidders or any obligation to inform the affected Bidder or bidders of the grounds for the CSIR-CIMAP's action.
- 15. Award of order:** The CSIR_CIMAP Lucknow will award the order/Contract to the lowest successful evaluated Bidder whose bids have been determined to be substantially responsive
- 16. Performance Guarantee:** Performance Guarantee @10% of the PO value on Rs.100 Stamp form any nationalized bank of india has to be submitted by way of DD/BC/FDR/Bank Guarantee by the Successful bidder only within 14 days of PO. (Applicable for the orders of equipment/Instruments only and not for the orders of Spares/Consumables)
- 17. Contract agreement:** you will have to sign a Contract agreement with CSIR-CIMAP Lucknow. (Applicable for complete equipment/Instruments for which value is more than 25.00 Lakh or where mentioned in PO)
- 18. Fall Clause :** The fall clause will be applicable : "In case your firm supplies or quotes a lower rate for the tendered item to other Government/public sector/private organisations(within a period of one year past to one year future), your firm is liable to reimburse the difference amount to CSIR-CIMAP."
- 19. Submission of the bids.** All bids complete in all respect must be submitted online on CPP Portal. Bids submitted in any other mode shall not be accepted.
- 20. Inspections and Tests** The CSIR-CIMAP Lucknow or its representative shall have the right to inspect and/or to test the Goods to confirm their conformity to the Contract specifications at no extra cost to the CSIR_CIMAP Lucknow. The inspections and tests will be conducted at point of delivery and/or at the Goods on final destination. i.e., CSIR-CIMAP Lucknow. Should any inspected or tested Goods fail to conform to the specifications, the CSIR-CIMAP Lucknow may reject the goods and the Supplier shall either replace the rejected Goods or make alterations necessary to meet specification requirements free of cost to the CSIR-CIMAP Lucknow.
The CSIR-CIMAP 's right to inspect, test and, where necessary, reject the Goods after the Goods' arrival at its Site shall in no way be limited or waived by reason of the Goods having previously been inspected, tested and passed by the CSIR-CIMAP or its representative prior to the shipment of goods.
- 21. Packing: -** The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination as indicated in the Contract. The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit and open storage. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the Goods' final destination and the absence of heavy handling facilities at all points in transit.
- 22. Delivery and Documents:** Delivery of the goods shall be made by the Supplier with in the stipulated period as purchase order in pursuance of notification of award of contract. The time for and the date of delivery of the

stores stipulated shall be deemed to be of the essence of the contract and delivery must be completed not later than the date(s) specified as agreed between CSIR-CIMAP & Supplier.

23. TERMS OF PAYMENT:

a) **For Indigenous supplies:** The payment shall be made within 30 days after the date of receipt and successful installation of the equipment. The Supplier's request(s) for payment shall be made to the CSIR-CIMAP Lucknow in writing, accompanied by a Tax/Retail invoice describing, as appropriate, the Goods delivered and the Services performed, and by documents submitted, and upon fulfillment of other obligations stipulated in the contract. Payment shall be made in Indian Rupees by way of RTGS/NEFT through State Bank of India, Hazratganj branch, Lucknow. **No advance payment will be made.**

24. b) For imported supplies:- 1. **Ordinarily shipment shall be made in open account and payment shall be made through our banker after receipt and satisfactory installation of goods subject submission of PBG, if applicable.**

2. **Alternatively shipment shall be made directly to CSIR-Central Institute of Medicinal and Aromatic Plants, Lucknow on sight draft basis. Shipper has to submit invoice and other shipping document to our banker for payment. CSIR-CIMAP will get the documents retired and payment to the supplier shall be made by our banker.**

3. **Alternatively, payment shall be made through an irrevocable letter of credit to the extent of 90% on production of shipping documents and proof of dispatch and the balance 10% will be paid after completion of installation, commissioning and acceptance of the system/equipment to the entire satisfaction of council/ CSIR-CIMAP and on production of performance bank guarantee for 10% order value valid for warranty period plus two months from the date of acceptance (PBG applicable only if mentioned in PO) and to be submitted either by the manufacturer or their Indian subsidiary/agents.**

4. **ordinarily no advance payment shall be given. However, if necessary, advance payment shall be given against equal value of Security (BG/FDR/DD).**

5. **Consideration of any other terms regarding payment will be prerogative of Director CSIR-CIMAP Lucknow.**

25. Penalty Liquidated Damage :- If the Supplier fails to deliver and install any or all of the Goods or to perform the Services within the period(s) specified in the Contract, the CSIR, CIMAP Lucknow shall, without prejudice to its other remedies under the Contract, deduct from the Contract Price, as penalty, a sum equivalent to 0.5% per week and the maximum deduction is 10% of the contract price of the delivered price of the delayed/installed Goods or unperformed Services for each week or part thereof of delay until actual delivery or performance. Once the maximum is reached, the CSIR CIMAP Lucknow may consider termination of the Contract.

26. Applicable Law:-The contract shall be governed by the Law of Contract for the time being in force Irrespective of the place of delivery, the place of performance or place of payment under the contract, the contract shall be deemed to have been made at the place from which the acceptance of tender has been issued i.e. CSIR CIMAP Lucknow. The place of the jurisdiction will be Lucknow Uttar Pradesh, India

27. DISPUTE SETTLEMENT: The Purchaser and the Supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract.

If, after twenty-one (21) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the Purchaser or the Supplier may give notice to the other party of its intention to commence arbitration, as hereinafter provided, as to the matter in dispute, and no arbitration in respect of this matter may be commenced unless such notice is given. Any dispute or difference in respect of which a notice of intention to commence arbitration has been given in accordance with this Clause shall be finally settled by arbitration. Arbitration may be commenced prior to or after delivery of the Goods under the Contract.

The dispute settlement mechanism/arbitration proceedings shall be concluded as under:

a. In case of Dispute or difference arising between the Purchaser and a domestic supplier relating to any matter arising out of or connected with this agreement, such disputes or difference shall be settled in accordance with the Indian Arbitration & Conciliation Act, 1996, the rules there under and any statutory modifications or re-enactments thereof shall apply to the arbitration proceedings. The dispute shall be referred to the Director General, Council of Scientific & Industrial Research and if he is unable to unwilling to act, to the sole arbitration of some other person appointed by his willing to act as such Arbitrator. The award of the arbitrator so appointed shall be final, conclusive and binding on all parties to this order.

(b) In the case of a dispute between the Purchase and a Foreign supplier, the dispute shall be settled by arbitration in accordance with provision of sub-clause (a) above. But if this is not acceptable to the supplier then the dispute shall be settled in accordance with provisions of UNCITRAL (United Nations Commission on International Trade Law) Arbitration Rules.

The venue of the arbitration shall be the place from where the purchase order or contract is issued.

Notwithstanding any reference to arbitration herein,

The parties shall continue to perform their respective obligations under the contract unless they otherwise agree.

28. FRAUD AND CORRUPTION

The purchaser requires that bidders, suppliers, contractors and consultants, if any, observe the highest

standard of ethics during the procurement and execution of such contracts. In pursuit of this policy,

- i. The terms set forth below are defined as follows:
 1. **“Corrupt practice”** means the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the action of a public official in the procurement process or in contract execution;
 2. **“Fraudulent practice”** means a misrepresentation or omission of facts in order to influence a procurement process or the execution of a contract;
 3. **“Collusive practice”** means a scheme or arrangement between two or more bidders, with or without the knowledge of the Borrower, designed to establish bid prices at artificial, noncompetitive levels; and
 4. **“Coercive practice”** means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the procurement process or affect the execution of a contract;
 - ii. The purchaser will reject a proposal for award if it determines that the Bidder recommended for award has, directly or through an agent, engaged in corrupt, fraudulent, collusive or coercive practices in competing for the Contract in question;
29. If there is contradiction in place of Delivery, Insurance, warranty etc between terms & conditions and Schedule of requirement (Annexure II) /Technical specifications (Annexure VI). Then the details mentioned in later (Schedule of requirement/Technical specifications) will prevail.
30. If the bid security has not been specifically mentioned, then it is mandatory for bidder to submit Bid Security Declaration with the bid.
31. **Notices:** For the purpose of all notices, the following shall be address of the CSIR-CIMAP Lucknow.

The Director,
CSIR-Central Institute of Medicinal & Aromatic Plants
P.O. CIMAP, Kukrail Picnic Spot Road,
LUCKNOW-226015 (U.P.) INDIA

Yours faithfully

Section Officer (Stores & Purchase)

**GENERAL TERMS & CONDITIONS FOR FABRICATION OF
DISTILLATION UNITS AS PER SPECIFICATIONS .**

1. The fabricators interested for fabrication of the Distillation units will have to submit complete profile along with technical literature / brochures, copy of registration with various authorities, work performed certificates, copy of executed supply orders etc along with the offers and will also have to register themselves in the Aroma Mission Website.
2. The fabricator should have registered GST registration and attested copy of same may be attached.
3. The fabricator should have valid PAN, the copy of PAN card may be attached.
4. The Fabricator should have experience in fabrication of steam / hydro distillation units / extraction plants for Aromatic plants. Supporting documents / order copies of fabrication and supply of such units to government or industries to be attached.
5. The Fabricator should have Own fabrication workshop having modern tools & equipments like argon welding, arc welding, plate bending machine, lathe machines, buffing & polishing tools etc. List of workshop facilities to be attached.
6. The fabricators will have to undertake the fabrication, supply, installation, testing and commissioning of various type of distillation units at various places of country strictly on the basis of designs and specifications given by CSIR-CIMAP. Any changes / deviations to be approved by CIMAP
7. The Fabricators will have to arrange and will separately quote for the transportation & installation of the distillation units at the respective sites including loading/unloading, piping, civil materials, construction of furnaces, labor & fitting costs etc
8. The Fabricators have to give one year onsite warranty on all distillation units to be fabricated by them
9. The Fabricators will sign an MOU with CIMAP and will have to submit an undertaking of not reproducing the designs or fabricating same or similar type of units or using the drawings / specifications / photographs of the unit for any other purpose whatsoever.
10. CSIR-CIMAP will have the discretion of accepting / rejecting the firms based on above T&C
11. Inspection of the unit before, during fabrication and before dispatch to the respective sites will be carried out by CSIR-CIMAP for testing and evaluation of the job work.
12. Fabricator will provide samples of the SS / MS sheets, tubings and other raw materials along with material test certificates to CIMAP prior to fabrication.
13. Fabricator would have to arrange all tools, equipments, labors, civil material etc for unloading, installation and testing of unit at respective site
14. Detailed design drawings / specifications can be inspected at Chemical Engineering Department on prior notice

SPECIFICATIONS FOR
500KG CAPACITY MS FIELD DISTILLATION UNIT (Code 500 KG MS
FDU)

- **MS Distillation tank** : 1350Ø x 1700 x 3.0 thk with top flanged lid 1450 Ø x 2.0 thk inbuilt MS Square calandria 1350 x 1350 x 300H x 4thks sides and 5 thk bottom with 5 nos 100Ø MS smoke pipes and 500 x 75Ø SS flanged vapor line. Volumetric capacity of tank ~ 2400 lt
- **Condenser:** Shell & tube type horizontal inclined condenser with MS shell and SS tubes & bonnets 1350L x 300Ø with 20Ø 18 gauge x 45 nos SS tubes welded on 12 thk MS tube plate with SS lining supported on MS structured frame.
- **Oil Separators** : (i) 450 H x 350Ø x 2.0 thk SS 304 with conical top and inlet funnel and water outlet 20 Ø (ii) SS 2.0 thk x 350Ø x400H separator for heavy oils (only for vetiver)
- **MS Chimney** : 250Ø x 4800 x 3 thk M.S in two pieces with 12 thk MS Base Plate and 2 mm guy wire
- **Material unloading system** : Chain pulley block system with MS angle iron support structure 15 ft H x 18 ft L and 150x75 I beam with 1.0 ton cap indef pulley& geared trolley
- **Accessories** : CI Fire Bar 25 X 50 x 500, 20 nos fitted on MS fire grate, fire door, front flue duct, 1300Ø false bottom with MS 8thk tested chain – 1 set
- **Water tank with MS support structure** : 1500x1500x4000 (H) made of MS angle iron / pipe to be supplied with 2000 lt capacity PVC water storage tank
- **Furnace** to be constructed of Red / Fire ash bricks as per availability
- **Installation of the unit** on turnkey basis including complete installation with all civil material, labour, plumbing, fixture, GI piping / fittings, valves etc. **at SITE**
- **Transportation costs** to specific sites to be quoted separately.
- Inspection shall be carried out by CIMAP during fabrication & before dispatch.

SPECIFICATIONS FOR
1000KG CAPACITY MS FIELD DISTILLATION UNIT (Code 1000 KG MS
FDU)

- **MS Distillation tank** : 1800Ø x 2100 H x 3 thk MS with 1900Ø x 3.0 thk MS Top Lid with reinforcement ; inbuilt MS Square calandria 4 thk x1800x1800x450H with 5 thk bottom and 150 Ø MS B class – 6 nos pipes along with swing arm system for opening of top lid. Volumetric capacity of tank ~ 5300 lt
- **Condenser (1 no.):** Vertical / Horizontal Shell & tube type shell 1500L x 400Ø x 4 thk MS with 25Ø x 18 gauge 60 nos SS pipes welded on 15thk MS Tube plate with 2thk SS lining supported on MS structured frame
- **Oil Separators (2nos):** (i) 600H x 500Ø x 2.0 thk SS 304 with conical top and inlet funnel & water outlet 25 Ø (ii) SS 2.0 thk x 500 x 500Ø separator for heavy oils like vetiver
- **MS Chimney (1 no.)** : 300Ø x 6000 L x 3 thk M.S with 450 x 450 x 15 thk MS Base Plate
- **Accessories** : (i) 25 x 50 x 600 cast iron fire bars (30 nos) fitted on MS fire grate (ii) 3000 lt PVC water tank (iii) Fire door, front flue duct, etc (iv) 1750 Ø MS false bottom / grid – 2 nos with 10 thk MS tested chain 1500 x 4 each
- **Chain pulley hoist system and Structure** : Height ~ 6000 mm made of 50x50x5 thk angle iron square pillars – 2 nos with span length ~ 7000 mm and central I-Beam along with 2 Ton cap. INDEF make chain pulley with trolley
- **Water tank with MS Structure:** 1500x1500x3600 (H) made of MS angle iron / pipe to be supplied with 3000 lt capacity PVC water storage tank
- **Furnace** to be constructed of Red / Fire ash bricks as per availability
- **Installation of the unit** on turnkey basis including complete installation with all civil material, labour, plumbing, fixture, GI piping / fittings, valves etc. **at SITE**
- Rates for transportation to specific sites to be quoted separately.
- Inspection shall be carried out by CIMAP during fabrication & before dispatch.

**SPECIFICATIONS FOR
500 KG CAPACITY SS COHOBATION DISTILLATION UNIT
(Code 500 KG SS Cohobation)**

- **SS Distillation tank :** 1350Ø x 1700 L x 3 thk SS 304 with top flanged lid 1450Ø x 2.0 thk inbuilt SS Square calandria 1350 x 1350 x 300 x 3 thk sides x 4 thk base plate consisting of 5 nos 100Ø x 1350 L x SS 18 BWG class pipes and 450 Ø hinged discharge hole and swing arm system for top lid. Volumetric capacity of tank ~ 2400 lt
- **Condenser:** Horizontal Shell & tube type with SS shell and 1500L x 300Ø with 20 Ø x 45 nos SS pipes welded on 12thk SS tube sheet supported on MS structured frame
- **SS Cohobation Column :** 1500L x 150 Ø S.S. packed column with hyflux wire mesh packing with 600 mm spacer. Column inlet from condenser top, 50 thk glass wool insulation covered with Aluminium sheet
- **Oil Separator:** 400 H x 350Ø x 2 thk SS 304 with conical top and 100Ø inlet funnel and 20Ø water outlet
- **MS Chimney (1 no.) :** 300Ø x 4800 x 3 thk M.S in two pieces of 2400 L each with 500 x 500 x 12 thk MS Base Plate with 2 mm guy wire
- **Accessories :** (i) CI Fire Bar 25 X 50 x 500, 20 nos fitted on MS fire grate (ii) Fire door, front flue duct etc (iii) 1300 Ø SS False bottom cage (iv) All nuts/bolts to be of SS
- **Support Structure :** Support structure for cohobation column condenser/ separator: 1200 x 1200 x 3000(H) made of 50 Ø MS pipe/legs and 600 mm railing including step ladder
- **Water tank with MS Structure:** 1200x1200x4500 (H) made of MS angle iron / pipe to be supplied with 2000 lt capacity PVC water storage tank
- **Furnace** to be constructed of Red / Fire ash bricks as per availability
- **Transportation and installation** of the unit on turnkey basis including complete installation with all civil material, labour, plumbing, fixture GI piping / fittings, valves etc. **at SITE**
- Rates for transportation to specific sites to be quoted separately.
- Inspection shall be carried out by CIMAP during fabrication & before dispatch.

SPECIFICATIONS FOR
250 KG CAPACITY SS FIELD DISTILLATION UNIT (Code 250 KG SS FDU)

- **SS Distillation Tank:** 1000Ø x 1350 x 2 thk SS with top flanged top lid 1100 Ø x 2 thk. Inbuilt SS Square calandria 1000 x 1000 x 300H x 3thk sides and 3 thk bottom, consisting of 100 Ø SS Smoke Pipes 5 Nos. Swing arm system for flanged top lid and 500 x 75 Ø SS Flanged vapor line.
- **Condenser :**Shell & tube horizontal inclined condenser with SS Shell and SS tubes & bonnets 1000 x 250 Ø with 20 Ø x 35 Nos SS pipes welded on 12th SS Tube Plate supported on MS structured frame.
- **Oil Separator:** 350 H x 300Ø x 2 thk SS 304 with conical top and inlet funnel & water outlet 20 Ø.
- **MS Chimney (1 no.) :** 250Ø x 4800 x 3 thk M.S in two pieces with 12 thk MS Base Plate
- **Accessories :** (i) CI Fire Bars 25x50x450, 16 Nos. fitted on MS fire grate (ii) 2000 lt Sintex / equivalent water tank (iii) Fire door, front flue duct, (iv) 900 Ø SS false bottom / grid of tank with SS chain etc
- **Chain pulley hoist system and Structure** Chain Pully Block system with MS angle iron support structure 15 ft H x 18 ft L and 150x75 I beam with 1/2 ton capacity Indef Pulley and geafred trolley.
- **Water tank support Structure:** 1200 x 1200 x 3000(H) made of MS angle iron with 200 lts capacity PVC water storage tank
- **Installation** of the unit on turnkey basis including complete installation with all civil material, labour, plumbing, fixture, fittings valves etc.
- Rates for transportation to specific sites to be quoted separately.
- Inspection shall be carried out by CIMAP during fabrication & before dispatch.

SPECIFICATIONS FOR
250 KG CAPACITY SS COHOBATION DISTILLATION UNIT (Code
250 KG SS Cohobation)

- **SS Distillation Tank:** 1000Ø x 1350 x 2 thk SS with top flanged top lid 1100 Ø x 2 thk. Inbuilt SS Square calandria 1000 x 1000 x 300H x 3thk sides and 3 thk bottom, consisting of 100 Ø SS Smoke Pipes 5 Nos. Swing arm system for flanged top lid and 500 x 75 Ø SS Flanged vapor line.
- **Condenser:** Horizontal Shell & tube type with SS shell and 1350L x 250Ø with 20 Ø x 40 nos SS pipes welded on 12thk SS tube sheet supported on MS structured frame
- **SS Cohobation Column :** 1500L x 150 Ø S.S. packed column with hyflux wire mesh packing with 600 mm spacer. Column inlet from condenser top
- **Oil Separator:** 350 H x 300Ø x 2 thk SS 304 with conical top and 100Ø inlet funnel and 20Ø water outlet
- **MS Chimney (1 no.) :** 250Ø x 4800 x 3 thk M.S in two pieces of 2400 L each with 500 x 500 x 12 thk MS Base Plate
- **Accessories :** (i) CI Fire Bar 25 X 50 x 500, 16 nos fitted on MS fire grate (ii) Fire door, front flue duct etc (iii) 1300 Ø SS False bottom cage (iv) All nuts/bolts to be of SS
- **Support Structure :** Support structure for cohobation column condenser/ separator: 1200 x 1200 x 3000(H) made of 50 Ø MS pipe/legs and 600 mm railing including step ladder
- **Water tank with MS Structure:** 1200x1200x3000 (H) made of MS angle iron / pipe to be supplied with 2000 lt capacity PVC water storage tank
- **Furnace** to be constructed of Red / Fire ash bricks as per availability
- **Transportation and installation** of the unit on turnkey basis including complete installation with all civil material, labour, plumbing, fixture GI piping / fittings, valves etc. **at SITE**
- Rates for transportation to specific sites to be quoted separately.
- Inspection shall be carried out by CIMAP during fabrication & before dispatch.

**SPECIFICATIONS FOR
SS MOBILE 500 KG DISTILLATION UNIT MOUNTED ON TRACTOR
TROLLEY (Code 500 KG SS Mobile DU)**

- SS 500 kg mobile distillation unit directly mounted on MS trolley with inbuilt furnace, condensation unit & water storage & recycling vessel
- Distillation tank : 1200 ϕ x 1400 SS 304 with inbuilt SS square calandria consisting of SS flue pipes, swing arm system for top lid opening and 400 ϕ hinged discharge hole.
- Unit to be built on 3 thk SS furnace: 1450 x 1450 x 300 h
- Condenser: shell & tube type 300 ϕ x 1000 x 2 thk SS 304 shell with 20 ϕ x 45 x 18 gauge SS tubes.
- Oil separator: 300 h x 350 ϕ x SS 304 with conical top and inlet funnel and water outlet.
- Chimney: 250 ϕ x 1500 MS in two flanged pieces.
- Accessories: 15 x 15 x 400 cast iron fire bars fitted in angle iron fire grate, fire door, front / side flue ducts, false bottom / grid of tank etc.
- Tractor trailer type power four wheel trolley capacity – up to 5 tonnes, body size - 12 ft. X 7 ft. X 2 ft & modified chassis
- Water tanks (1) storage tank: capacity 2000 lt on MS support structure (2) recycling tank: capacity 1500 lt to be placed below storage tank to be fitted with diesel operated water recycling pump.

Unit to be complete in all respects along with all fittings, piping, valves and supporting flanges and fixtures

Annexure VII

To

Date :

Sub.: **Acceptance of Terms & Conditions of Tender**

Tender Reference No. _____

Name of Tender: _____

Dear Sir,

1. I/We have downloaded/obtained the tender document(s) for the above mentioned tender from the website (s) namely: _____
2. I/we hereby certify that I/we have read the entire terms and conditions of the tender documents from Page No. _____ to page No. _____ (including all documents like annexure(s), schedule(s) etc, which form part of the contract agreement and I/we shall abide hereby the terms/conditions/clauses contained therein.
3. The corrigendum(s) issued from time to time by your department/ organization too has also been taken into consideration, while submitting this acceptance letter.
4. I/We hereby unconditionally accept the tender conditions of above mentioned tender document(s)/corrigendum(s) in its totality/entirety.
5. I/We do hereby declare that our firm has not been blacklisted/debarred by any Govt. department/Public Sector Undertaking.
6. I/We certify that all information furnished by our firm is true & correct and in the event that the information is found to be incorrect/untrue or found violated, then your department/organization shall without giving any notice or reason therefor or summarily reject the bid or terminate the contract, without prejudice to any other rights or remedy including the forfeiture of the full said earnest money deposited, absolutely

Yours faithfully,

(Signature of the Bidder with official seal)

MANUFACTURERS' AUTHORIZATION FORM

(The Bidder shall require the Manufacturer to fill in this Form in accordance with the instructions indicated. This letter of authorization should be on the letterhead of the Manufacturer and should be signed by a person with the proper authority to sign documents that are binding on the Manufacturer.)

Date: (insert date (as day, month and year) of Bid submission)

Tender No: (insert number from Invitation for Bids)

To (insert complete name and address of Purchaser)

WHEREAS

We (insert complete name of Manufacturer), who are official manufacturers of (insert category of goods manufactured), having factories at (insert full address of Manufacturer's factories), do hereby authorize (insert complete name of Bidder) to submit a bid the purpose of which is to provide the Goods, manufactured by us (insert the category of Goods), and to subsequently negotiate to sign the Contract.

We hereby confirm that we shall be solely and fully responsible in case of discrepancy with regard to quality, quantity, Packages or defects at the time of supply/usage. In such cases we shall provide free replacement immediately.

Signed (insert signature(s) of authorized representative(s) of the Manufacturer) Name:

(insert complete name(s) of authorized representative(s) of the Manufacturer) Title (insert Title)

Duly authorized to sign this Authorization on behalf of: (insert complete name of Bidder)

Dated on.....day of, (Insert date of signing)

Compliance Sheet

S. N.	Name of specifications/part / Accessories of tender/ enquiry	Specifications of quoted Model/ Item	Compliance Whether "YES" Or "NO"	Deviation, if any, to be indicated in unambiguous terms	Whether the compliance / deviation is clearly mentioned in technical leaflet/ literature
1	2	3	4	5	6

Yours faithfully,

(Signature of the Bidder with official seal)

PRICE SCHEDULE FOR GOODS BEING OFFERED FROM INDIA IN INR

Name of the Bidder _____

Tender No. _____

Sr.No.	Type of Distillation unit (Code)	Qty	Location & State where the distillation unit is proposed to be installed and commissioned		Price	Transportation Charges etc.	Installation Charges etc	GST/TAX 5%	Total cost FOR Destination
1	250KG SS FDU	1	Vellimudi,Mavadaippu Coimbatore	Tamil Naidu					
2	250KG SS FDU	1							
3	250KG SS FDU	1							
4	250KG SS FDU	1							
5	500KG SS FDU (Cohobation)	1	Ooty, Nilgiris	Tamil Naidu					
6	500KG MS FDU	1	Jainapur, yadgir	Karnataka					
7	500KG MS FDU	1	Ryavanki,Koppal	Karnataka					
8	500KG MS FDU	1	Udumalaipettai,coimbatore	Tamil Naidu					
9	500KG MS FDU	1	Sirkazhi, Nagapattinam	Tamil Naidu					
10	500KG MS FDU	1	Kuruvadipatti, Sivagangai	Tamil Naidu					
11	1000KG MS FDU	1	Rihunta, Hamirpur	Uttar Pradesh					
12	500KG MS FDU	1	Bamhro ,Hamirpur	Uttar Pradesh					
13	500KG MS FDU	1	Baheri, Banda	Uttar Pradesh					
14	500KG MS FDU	1	Bharua, Hamirpur	Uttar Pradesh					
15	500KG MS FDU	1	Ento, Jalaun	Uttar Pradesh					
16	500KG MS FDU	1	Raighar, Nabarangpur	Odisha					
17	500KG MS FDU	1	Boudh	Odisha					
18	500KG MS FDU	1	Ranapur, Tangi, Nayagarh	Odisha					
19	500KG MS FDU	1	Khuntijhari, Dhenkanal	Odisha					
20	500KG SS FDU (Cohobation)	1	Sirsol, Kasganj	Uttar Pradesh					
21	500KG SS FDU (Cohobation)	1	Raj Tikoli, Badaun	Uttar Pradesh					
22	500KG MS FDU	1	Ranchi, Khunti	Jharkhand					

23	500KG MS FDU	1	Madhepura	Bihar					
24	500KG MS FDU	1	Ivvampally, Maredumilli Mandal ,East Godavari	Andhra Pradesh					
25	500KG MS FDU	1	Kottala, Cheruvu, Atmakur Mandal , Kurnool	Andhra Pradesh					
26	500KG SS Mobile D.U.	1	CRC Hyderabad	Telangana					
27	250KG SS FDU (Cohobation)	1	Negiyana, Tehri Garhwal	Uttarakhand					
28	500KG MS FDU	1	Tamul Pur(Bodoland),Baksa	Assam					
29	500KG MS FDU	1	Balemu West Kameng	Arunachal Pradesh					
30	500KG MS FDU	1	Sant Kabir Nagar, Dhivaghat	Uttar Pradesh					
31	500KG MS FDU	1	Mirzapur, Devrikala	Uttar Pradesh					
32	500KG MS FDU	1	Sonbhadra, Katauli	Uttar Pradesh					
33	500KG MS FDU	1	Rudauli,Chatra, Sonbhadra	Uttar Pradesh					
34	500KG MS FDU	1	Shahadol, Shuhagpur	Madhya Pradesh					
35	500KG MS FDU	1	Rewa, Khujhawa Suarha	Madhya Pradesh					
36	500KG MS FDU	1	Sitarganj, U.S.Nagar,Uttarakhand	Uttarakhand					
37	500KG MS FDU	1	Kotdwar, Uttarakhand	Uttarakhand					
38	500KG MS FDU	1	Haridwar, Uttarakhand	Uttarakhand					
39	500KG MS FDU	1	Mahendragarh, Haryana	Haryana					
40	500KG MS FDU	1	Hanumangarh, Rajasthan	Rajasthan					
41	500KG MS FDU	1	Vadodara/Kutch	Gujarat					
42	500KG MS FDU	1	Jagdalpur ,Bastar	Chhattisgarh					
43	500KG MS FDU	1	Rajnanadgaon/Raipur	Chhattisgarh					
44	500KG MS FDU	1	Nandubar	Maharashtra					
45	500KG MS FDU	1	Gondiya/Bhandara, Maharashtra	Maharashtra					
46	500KG MS FDU	1	Yavatmal, Maharashtra	Maharashtra					

Total Bid price in Indian Rupees _____ in words.

Other important details:

Sl no	Subjects	Details
1	Beneficiary Name and Address (to whom Order shall be placed)	
2	Beneficiary Name and Address (to whom payment shall be made)	
4	HSN Code of Item (If available)	
3	Validity of Tender	
4	Delivery Period	
5	Warranty Period	
6	Payment Terms	

Signature of Bidder

Name:

Business Address:

Note:

(a) The cost of optional items should be indicated separately.

(b) Cost of spares _____