



Central University of Himachal Pradesh
(Established under Central Universities Act 2009)
Dhauladhar Parisar-I, Dharamshala, Distt. Kangra, H.P-176215

Notice Inviting Quotations	
Publishing of Tender on CPP Portal	
Tender Ref. No.: CPPP/2019/June/01	
Tender ID : 2019_CUHP_443434_1	
Title : Supply , Installation of Ultra Pure Water Purification System in Deptt. of Chemistry, School of Physical and Material Sciences	
Bid Submission Start Date	03-Jun-2019 09:00 AM
Bid Submission End Date	12-Jun-2019 05:00 PM
Bid Opening Date	13-Jun-2019 03:00 PM
Clarification Start Date	03-Jun-2019 09:00 AM
Clarification End Date	07-Jun-2019 05:00 PM

Sd/-

Chairman of the Committee

Central University of Himachal Pradesh

TENDER DOCUMENT

**Supply & Installation of Ultra Pure Water Purification System in
Deptt of Chemistry, School of Physical Material Sciences**

1. Sealed tender offers are invited in two separate sealed covers (Technical and Commercial offers) from eligible manufacturers/suppliers or their direct Indian agents for the supply of the following equipment.

2. COVERING LETTER:

Letter comprising of quotation for “Supply & Installation Ultra Pure Water Purification System”.

To,

The Dean,SoPAS

Central University of Himachal Pradesh, Dharamshala

Dear Sir,

1. With reference to your TENDER, I have examined the TENDER document and understood its contents. I hereby submit my Bid for **Supply & Installation of Ultra Pure Water Purification System at Central University of Himachal Pradesh, Dharamshala.**
2. The Application is unconditional for the said Tender. This bid is valid for a period not less than 120 days.
3. It is acknowledged that the Authority will be relying on the information provided in the tender and the documents accompanying such tender for qualification of the bidders for the above subject project, and we certify that all information provided in the tender and in Annexure is true and correct; nothing has been misrepresented and omitted which renders such information misleading; and all documents accompanying the bid are true copies of their respective originals.
4. This statement is made for the express purpose of the above mentioned subject.
5. We shall make available to the Authority any additional information it may find necessary or require to supplement or authenticate the Qualification statement.

6. We acknowledge the right of the Authority to reject our bid without assigning any reason or otherwise and hereby relinquish, to the fullest extent permitted by applicable law, our right to challenge the same on any account whatsoever.
7. It is declared that:
 - (a) We have examined and have no reservations to the Tender document
 - (b) We have not directly or indirectly or through an agent engaged or indulged in any corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice in respect of any Bid or request for proposal issued by or any agreement entered into with the Authority or any other public sector enterprise or any government, Central or State.
8. It is understood that the University may cancel the Bidding Process at any time without incurring any liability to the University and that you are neither bound to invite the applicants to Bid for the Project nor to accept any bid that you may receive.
9. It is certified that we have not been convicted by a Court of Law or indicted or adverse orders passed by a regulatory authority which could cast a doubt on our ability to undertake the Project or which relates to a grave offence that outrages the moral sense of the community.
10. It is further certified that no investigation by any regulatory agency is pending against us.
11. It is hereby affirmed that we are in compliance of/shall comply with the O&M requirements.
12. We hereby irrevocably relinquish any right or remedy which we may have at any stage at law or howsoever otherwise arising to challenge or question any decision taken by the Authority in connection with the selection of bidders, selection of the Tenderer, or in connection with the selection/Bidding Process itself, in respect of the above mentioned Project and the terms and implementation thereof.
13. We agree to undertake to abide by all the terms and conditions of the TENDER document.
14. We agree to undertake to be liable for all the obligations of the Tenderer under the agreement. In witness thereof, we submit this application under and in accordance with the terms of the TENDER document.

Yours faithfully

(Signature, name and designation of the Authorized Signatory)

Place: Name and seal of the Bidder/Lead Member

3. PARTICULARS OF TENDER:

1.	TENDER No.	CPPP/2019/May 01
2.	Particulars of the work	Supply & Installation of Ultra Pure Water Purification System.
3.	Period of work	10 days from the award of Purchase Order
4.	Cost of TENDER document	INR 5000.00 in the shape of Demand Draft in favour of Central University of Himachal Pradesh.
5.	Last date and time of submission of TENDER (by hand/courier/post)	From 15 days from the date of issue of this Tender document on CPP Portal

6. Amount of Earnest money/Bid security deposited for work : Rs.5% of total value of bid (in the form of Demand Draft in favour of the Central University of Himachal Pradesh, Dharamshala)

7. Date and time of opening of TENDER : Within week after Last date.

8. Place of opening of TENDER : Central University of Himachal Pradesh, Dharamshala

9. Name of firm / company/individual to whom TENDER document is issued. : -----

**(Signature of Tenderer)
with seal**

4. GENERAL PARTICULARS OF TENDERER:

1-	Name of firm:	
2-	Communication address:	
3-	Telephone, Telex, Fax No:	
5-	E-mail:	
6-	Web site:	
7-	Name and designation of the representative of the Tenderer to whom all references/ Communications shall be made.	
8-	Amount of earnest money/bid security deposited with instrument No. Bank and Date.	
9-	GST No	

**(Signature of Tenderer)
with seal**

5. EXPERIENCE:

(Details of Each Project)(If it is required attached separate sheets)

Item	
1. Title of the project	
2. Location	
3. No. of works/projects completed	
4. Entity/Agency with which project has been executed	
5. Date of commencement of the project	
6. Date of completion	
7. Cost of the Project	
8. Scope of Work	

Instructions:

1. Tenderers are expected to provide information with respect to Eligible/Qualified projects.
2. Information provided in this section is intended to serve as back-up f o r information provided in the TENDER.
3. An authentic experience certificate should be annexed with respect to each eligible/qualified Project from the Agency for which the project is executed.
4. Provide the estimated capital cost of each Eligible/Qualified Project.

(Signature of Tenderer)
With Seal

*Note – please use one page each for each project

6. SUBMISSION OF TENDER

6.1 SEALING AND MARKING OF TENDER:

6.1.1 The TENDER must be complete in all respects and should contain requisite certificate, drawings, informative literature etc. as required in the specification.

6.1.2 Tender Document can be downloaded from CUHP website (www.cuhimachal.ac.in).

6.1.3 Tender submission shall be in a sealed cover super scribing on the envelope, **Quotation for "Supply & Installation of Ultra Pure Water Purification System " at Central University of Himachal Pradesh, Dharamshala.**

The bid shall include:

- a. Forwarding letter by the Tenderer
- b. All required documents
- c. Cost of tender by Demand Draft, towards processing charges (non-refundable)
- d. EMD Rs.5% of total value of bid in the form Bank Demand Draft in favour of **Central University of Himachal Pradesh**, from a Nationalized Bank.

6.1.4 TENDER should be addressed to:-

Dean , SoPAS, Central University of Himachal Pradesh, Temporary Academic Block, Chattri, Near Dramman Distt Kangra, HP 176206
Tenders can be received through Post /courier/by han d
However Central University will not be responsible for any delay or misplace in postal receipt.

6.2 **EXPENSES OF AGREEMENT:** All the expenses of completing the agreement including cost of stamp paper or any other kind of expenditure incurred in the process of TENDER submission till final compliance shall be borne by the Tenderer.

6.3 DEADLINE FOR SUBMISSION OF BIDS:

TENDER must be received by the Central University of Himachal Pradesh, at the date, time and address specified in the TENDER notice/TENDER documents.

6.4 LATE BIDS:

Any TENDER received after the deadline for submission of TENDER prescribed by the Central University of Himachal Pradesh, Dharamshala shall be rejected and/or returned unopened to the Tenderer.

NOTE:-

1. Please submit tender in a sealed envelope, indicating Quotation for "**Letter comprising of Tender for Supply & Installation of Ultra Pure Water Purification System at Central University of Himachal Pradesh,**".
2. The University will contact only bidders meeting the requirements including the rates.
3. The payment will be made after successful on-site installation of ordered items.
4. CUHP, Dharamshala reserves the right to split the order among two or more vendors, item-wise or by quantity among multiple bidders, based on its assessment.
6. The price quoted will be applicable to the specifications mentioned in this quotation notice.
7. The bidders may, specifically mention if any higher specifications are offered.
8. The selected vendors will be required to supply the items within the time mentioned in the work order.
9. Please indicate whether you will be able to supply the item within time specified after receiving the order.
11. Please specify the minimum period for completion of the work if you are not able to supply within the said period. Early delivery will be a factor for consideration in deciding the successful bidder.
12. A penalty of 0.5% of the total order value will be imposed per week for late completion of work
13. The bid should be accompanied by an earnest money deposit (EMD) of 5% of Bid value and to be attached in the shape of Demand Draft only drawn in favor of Central University of Himachal Pradesh, Dharamshala.

14. No advance payment will be made; any offer linked with advance payment is likely to be ignored.
15. After winning the order, if you fail to complete the work your EMD will be forfeited and you will be blacklisted from participating in any future bid/tender.
16. Only Original fabricators or their Authorized Partners of the Product can participate in the bid.
17. Price offered will be for Central University of Himachal Pradesh and delivery will be made at :

**Temporary Academic Block
Central University of Himachal Pradesh
Chattri near Shahpur
Kangra, 176206**

18. The decision of acceptance of tender will lie with the competent authority of CUHP, who does not bind himself to accept the lowest quotation and who reserves the right to himself to reject or partially accept any or all quotations received, without assigning any reason.
19. Please provide the list of similar work in hand, if any.

**(Signature of Tenderer)
with seal**

7. TENDER OPENING

7.1 OPENING OF TENDER:

The procedure of opening of the TENDER shall be as under:

Tenders shall be opened in the presence of designated Authority and Tenderers who wish to be present there. The date of financial bid opening will be informed to the shortlisted bidders subsequently.

CLARIFICATION OF TENDER:	
7.2.1	To assist in the examination evaluation and comparison of TENDER, CUHP may at its discretion ask the Tenderer for a clarification on the TENDER which is submitted by him. The request for clarification and the response shall be in writing within the specified time. No additional information or documents will be accepted at this stage.
7.2.2	The University will be at liberty to involve any expert or consultant in evaluating the

(Signature of Tenderer)
With seal

8. AWARD OF CONTRACT

The Tenderer should pass in all items of "Eligibility Criteria". Eligible tenderer or tenders quoting the lowest offer price shall be awarded the contract.

- 8.1 Central University of Himachal Pradesh, Dharamshala reserves the right of negotiation with eligible Tenderer before the finalization of the TENDER
- 8.2 Central University of Himachal Pradesh, Dharamshala reserves the right at the time of award of contract to increase or decrease the numbers of locations/quantities without any change in terms and conditions.
- 8.3 Central University of Himachal Pradesh, Dharamshala reserves the right to accept any bid and to reject any or all bids or accept any TENDER in total or in parts without assigning any reason thereof.

8.4 NOTIFICATION OF AWARD

Prior to the expiration of the period of TENDER validity, the University will inform the Tenderer by registered letter or by phone or fax or by e-mail about the selection of the bid and the award of the work.

8.5 EXECUTION PERIOD

The work shall be completed in all respect within **10 days** from the date of award of work. In case the project cannot be completed in Scheduled time, then please mention the minimum time required to complete the project . The ability to complete the work within the stipulated time will be a consideration for selecting the winning bid.

(Signature of Tenderer)
With seal

Technical Specifications –

Name of the Work “Supply & Installation of Ultra Pure Water Purification System”

(Write can provide Yes or No)

Sl. No.	Description of the Item	Can Provide (Yes/ No)
1.	Supply & Installation of Ultra Pure Water Purification System	

Note:-

1. Bidders are advised to visit the premises of the University before submitting the bid to have an idea about the work.

GENERAL TERMS & CONDITIONS

PLEASE SPECIFICALLY INDICATE THE FOLLOWING POINTS IN YOUR QUOTATIONS AND COMPLY THE TERMS AS MENTIONED HEREUNDER:-

1. TENDER ARE INVITED COMPLYING THE REQUIREMENT FOR TENDER AS DETAILED IN THE TENDER SPECIFICATION TO BE SUBMITTED IN THE COMPANY'S / FIRM'S LETTERHEAD NEATLY PRINTED / TYPED DULY SIGNED BY AUTHORIZED PERSON WITH THE SEAL OF THE BIDDERS. ALL ENVELOPS CONTAINING THE TENDER SHOULD BE PROPERLY SEALED. SEPARATE ENVELOPS SHOULD BE USED FOR TECHNICAL AND PRICE BID AND INDICATION TO THEIR EFFECT MAY PLEASE BE SUPERSCRIBED ON THE ENVELOP.

THE FOLLOWING DOCUMENTS ARE REQUIRED FROM THE INDIAN AGENTS OF FOREIGN FIRMS:

1.1 FOREIGN PRINCIPAL'S PROFORMA INVOICE INDICATING THE COMMISSION PAYABLE TO THE INDIAN AGENT AND NATURE OF AFTER SALES SERVICE TO BE RENDERED BY THE INDIAN AGENT.

1.2 COPY OF THE AGENCY AGREEMENT WITH THE FOREIGN PRINCIPAL INDICATING THE NATURE OF AFTER SALES SERVICES, PRECISE RELATIONSHIP BETWEEN THEM AND THEIR MUTUAL INTEREST IN THE BUSINESS.

2. TECHNICAL CATALOGUE/LEAFLET SHOULD BE ENCLOSED WITHOUT FAIL. PROVIDE COMPLIANCE STATEMENT WITH RESPECT TO THE TECHNICAL SPECIFICATIONS MENTIONED .
3. PLEASE CONFIRM WHETHER YOU ARE AUTHORISED TO QUOTE ON BEHALF OF YOUR PRINCIPALS AND IF SO, PLEASE ENCLOSE A COPY OF SUCH AUTHORISATION WITH YOUR QUOTATION.

4. **PRICE BIDS FOR FOREIGN FIRMS:** PRICES ARE TO BE QUOTED ON 'EX-WORKS' DULY PACKED OR ON "FCA/FOB" INTERNATIONAL PORT" BASIS AND ALSO INCLUDING AGENCY COMMISSION PAYABLE TO YOUR INDIAN AGENTS, IF ANY SHOWING CLEARLY THE FOLLOWING BREAK UP:-

- I) EX-WORKS PRICE
- II) PACKING & FORWARDING
- III) FREIGHT
- IV) ANY OTHER RELEVANT EXPENSES.
- V) TAXES PAYABLE BY THE INSTITUTE

INSURANCE WILL BE PAID BY OUR INSTITUTE SEPARATELY AND SHOULD NOT FORM PART OF THE QUOTED PRICE.

PRICE BIDS FOR INDIAN FIRMS: PRICES ARE TO BE QUOTED ON F.O.R, Temporary Academic Block ,Central University of Himachal Pradesh, Shahpur, Distt Kangra, 176206 ON DOOR DELIVERY BASIS CLEARLY SHOWING THE BREAK UP.

5. **PERIOD OF VALIDITY:** BIDS SHALL REMAIN VALID FOR ACCEPTANCE FOR A PERIOD OF 180 DAYS FROM THE DATE OF OPENING.

6. INDIAN AGENTS ADDRESS AND PERCENTAGE OF AGENCY COMMISSION INCLUDED IN ABOVE F.O.B./EX-WORKS PRICE. (THIS WILL BE PAID TO THE INDIAN AGENTS IN INDIAN RUPEES ONLY AND NOT IN **FE**). PLEASE ENCLOSE COPY OF AGENCY AGREEMENT ENTERED INTO WITH YOUR PRINCIPALS INDICATING THE NATURE OF AFTER SALES SERVICES OF INDIAN AGENTS, PRECISE RELATIONSHIP & MUTUAL INTEREST IN THE BUSINESS.

7. **MEASUREMENTS/WEIGHT:** NETT/GROSS OF THE CONSIGNMENT. IN CASE OF AN ORDER, YOU SHALL USE AIR WORTHY PACKAGE (AS APPLICABLE) DULY CERTIFIED WITH DOCUMENTS – PLYTO – SANITARY CERTIFICATE (AS PER QUARANTINE ORDER 2003).
8. **SCOPE OF SUPPLY:** SHOULD INCLUDE FREE INSTALLATION AND COMMISSIONING
9. **PAYMENT TERMS FOR FOREIGN FIRMS**

The offer will be made on a single currency and only one PO will be issued for the entire scope of the supply.

- A) 90% PAYMENT THROUGH SIGHT DRAFT / FOREIGN DEMAND DRAFT / LC (EXCEPTIONAL CASES) / SWIFT TELE TRANSFER AFTER RECEIPT OF STORE IN GOOD ORDER AND CONDITION AND 10% AFTER SUCCESSFUL INSTALLATION & COMMISSIONING.
- B) BANK CHARGES ON LC / SD (WITHIN INDIA APPLICANT ACCOUNT AND OUTSIDE INDIA TO BENEFICIARY ACCOUNT).

PAYMENT TERMS FOR INDIAN FIRMS

- A) 100% PAYMENT THROUGH PFMS / ELECTRONIC TRANSFER AFTER RECEIPT OF STORE IN GOOD ORDER & CONDITION AND SUCCESSFUL INSTALLATION & COMMISSIONING.
- B) ENSURE MENTIONING
 - i) BANK DETAILS OF THE BENEFICIARY, GST NO. AND PAN NUMBER
 - ii) FULL NAME AND ADDRESS OF THE BENEFICIARY ON WHOM ORDER HAS TO BE PLACED

10. WHETHER ANY EXPORT LICENCE IS REQUIRED FROM YOUR GOVERNMENT, IF SO, PLEASE CONFIRM WITH DETAILS.
11. COUNTRY OF ORIGIN OF THE GOODS IS TO BE MENTIONED.
12. THE INSTITUTE HAS ALREADY APPLIED FOR REGISTRATION FOR CONCESSIONAL CUSTOMS DUTY CERTIFICATE AND EXCISE DUTY EXEMPTION CERTIFICATE AND SHALL BE PROVIDED IF SAME HAD BEEN ISSUED TILL DATE.
13. **LIQUIDATED DAMAGES:** THE STORES SHOULD BE DELIVERED / DISPATCHED TO DESTINATION AND READY FOR OPERATION NOT LATER THAN THE DELIVERY DATE SPECIFIED. IT THE SUPPLIER FAILS TO DELIVER ANY OR ALL THE STORES OR PERFORM THE SERVICE BY THE SPECIFIED DATE, LIQUIDATED DAMAGES AT 1% PER MONTH OR PART THEREOF IN RESPECT OF THE VALUE OF STORES WILL BE DEDUCTED FROM THE CONTRACT PRICE SUBJECT TO A

MAXIMUM OF 5%. ALTERNATIVELY, THE ORDER WILL BE CANCELLED AND THE UNDELIVERED STORES PURCHASED FROM ELSEWHERE AT THE RISK AND EXPENSE OF SUPPLIER.

14. **PATENT RIGHTS:** THE SUPPLIER SHALL INDEMNIFY THE PURCHASE AGAINST ALL THIRD PARTY CLAIMS OF INFRINGEMENT OF PATENT, TRADEMARK OR INDUSTRIAL DESIGN RIGHTS ARISING FROM USE OF THE GOODS OR ANY PART THEREOF IN INDIA.
15. ONLY THOSE BIDDERS WHO'S BIDS HAVE BEEN TECHNICALLY FOUND ACCEPTABLE WILL ONLY BE INVITED FOR PARTICIPATION IN THE PRICE BID.
16. THOSE BIDDERS WHO DO NOT RECEIVE ANY COMMUNICATION FOR PARTICIPATION IN PRICE BID OPENING MEETING MAY PRESUME THAT THEIR BID HAS NOT BEEN ACCEPTED BY THE INSTITUTE.
17. CONDITIONAL OFFER WILL NOT BE ACCEPTED.
18. LATE TENDERS I.E. TENDER RECEIVED AFTER THE DUE DATE AND TIME OF SUBMISSION AS MENTIONED ABOVE SHALL NOT BE ACCEPTED.
19. BIDDERS TO ENCLOSE THE FOLLOWING DOCUMENTS:-
 - A) INCOME TAX RETURN (3 YRS) AND LATEST SALES TAX RETURN (GST No.), AND PAN NO.
 - B) BANKER'S SOLVENCY CERTIFICATE
 - C) SUMMARY OF AUDITED STATEMENT OF ACCOUNTS FOR THE LAST THREE YEARS TO BE ENCLOSED AND FINANCIAL HIGHLIGHTS AND THE KEY PERFORMANCE DURING THE LAST THREE QUARTERS TO BE ENCLOSED AS PER FORMAT:-
21. CUSTOMER SATISFACTION CERTIFICATE FROM ONE SUCH ORGANIZATION IS TO BE ATTACHED WITH THE TECHNICAL BID AND PRICE BID.
22. NAME AND ADDRESS OF MINIMUM THREE CLIENTS TO WHOM SUCH EQUIPMENT HAVE BEEN SUPPLIED SHOULD BE MENTIONED.
23. **WARRANTY / GUARANTEE:** THIS COMPREHENSIVE WARRANTY / GUARANTEE SHALL REMAIN VALID FOR A MINIMUM OF 36 MONTHS AFTER THE GOODS HAVE BEEN DELIVERED AND COMMISSIONED TO THE FINAL DESTINATION.

THE INSTITUTE DOES NOT BIND ITSELF TO OFFER ANY EXPLANATION TO THOSE BIDDERS WHO'S TECHNICAL BID HAS NOT BEEN FOUND ACCEPTABLE BY THE EVALUATION COMMITTEE OF THE INSTITUTE.

IMPORTANT

1. CUHP Authority may accept or reject any or all the bids in part or in full without assigning any reason and does not bind itself to accept the lowest bid. The Institute at its discretion may change the quantity / upgrade the criteria / drop any item or part thereof at any time before placing the Purchase Order.
2. Promptly make arrangements for repair and / or replacement of any damaged item (s) irrespective of settlement of claim.
3. In case of any dispute, the decision of the Institute authority shall be final and binding on the bidders.
4. For any query pertaining to this bid document correspondence may be addressed to _____, at the address mentioned above.

1) Please Note that the Institute remains closed during Saturdays & Sundays and all specified government holidays.

2) Fax, e-mail Tender will not be accepted.

3) The General Terms and Conditions as stated above relate to supply of stores / equipment /assets etc. and for specific service other terms and conditions of the Institute will apply.

Tender Specification for Ultrapure Water Purification System

Application: This system (table top) is required to purify domestic water (tap water I ground water) to use in the geochemical, analytical, biochemical research/experiment purposes using HPLC, IC, PCR techniques. This water will also be used for UV/ chromatography & other Microbiology/Molecular Biology/Chemistry applications in the research laboratory.

Technical Specification: Table top ultrapure water purification system should have TOC monitoring, capable to generate Type I & Type II water to use in IC, UV/HPLC and other analytical purposes. The system should have purification cartridges with organic absorbents and membrane processes to purify the water to 18.2 M Ω in order to satisfy ASTM, ISO 3696, USP specifications. Detail Specifications are as follows:

1. Pre-treatment system: Iron remover and softener; sand filter, 10/5 and 1 micron particle filters and activated carbon cartridge etc. High efficient booster pump, with less noise, automatic low/high pressure cut off. This system should supply very good quality of water to Type II water purifier, so that life of RO and other cartridges will be longer.

2. Type II water purifier: The system should have pre-treatment, RO, electro-deionization (EDI) with self-regeneration mechanism and UV lamp (~254 nm). The purified water should recirculate through the reservoir maintaining high quality water at all times. Deliver 10 litres per hour, Inorganics: 5 to 15 M Ω -cm, particulates (<0.22 micron): < 1 per ml. TOC: < 30ppb, Bacteria: < 1 CFU/ml, pH: effectively neutral, full user microprocessor controls and alarms on water quality. Complete sanitization. RS232 interface, Consumables change reminder. Dispenser with 0.22 micron filter.

3. Best quality reservoir tank: PP/HDPE Tank, storage capacity 75 litres or more, with sensor for monitoring water level. Air filter and same should be import from the OEM.

4. Type I water (Ultra-pure): System should have ion exchange/polishing cartridge, and preferably dual UV lamps (254nm and 185 nm); Type II feed water output → Inorganics: 18.2M Ω -cm, Maintains TOC levels of less than 5 ppb, Bacteria :< 1cfu/10ml, Bacterial Endotoxin :(<0.001EU/ml), particulates (<0.22 micron) : < 1per ml. It removes endotoxins, DNase, RNase and bacteria (<0.001EU/ml). Bio Filter, it should ensure confidence in water purity through real-time TOC and resistivity monitoring. Clear water purity display in the dispenser (or in the unit) with filter. Faster dispense (~2l/min). Computer interface.

5. System should be supplied with all consumables and cartridges. Additional required consumables such as pre-treatment cartridges; Ion exchange resin cartridges, sanitization tablet, tubing connector, maintenance kits if any, etc. should be supplied for the hassle free utilization of the system at least for three years. Tentative use of Type II water - 40 l/day (Max) and type I water – 10 l/day (Max). Apart from the complete system, all consumables, spares and cartridges should be quoted in the main quotation as optional items.
6. Certification with typical cation and anion concentration in the Type I and Type II water for specified feed water should accompany the technical specification. This water will be used for sample analysis using ICPMS, ICPAES, IC and other mass spectrometer. Hence the final product (Type I water) of this system should have the lowest blank value of all the major and trace element present in the natural water.
7. There should be two separate equipment's for Type II & Type I Water. Water quality of Type I & Type II should be accepted by international scientific community and vendor should have worldwide presence.
8. Onsite IQ, OQ, PQ of the Instrument with complete validation along with document. Installation kits, operation manual. Free training and installation, site inspection by the trained engineer prior to installation.
9. The vendor/supplier should have proven record of supply of the instrument in minimum **Five National laboratories/Universities.**
10. The vendor/supplier should have proven record of minimum of **Three years of supply experience** of such instrument.

(Signature of Tenderer)
with seal

