

भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

Transit campus: C/o Sree Rama Engineering College Campus, Rami Reddy Nagar, Karakambadi Road,Mangalam (B.O), Tirupati - 517 507 **Website: www.iisertirupati.ac.in**

Limited Tender No: IISERT/PUR/0065/20

Date: 24th April 2020

Indian Institute of Science Education and Research, Tirupati invites online bid (e-tender) in **single bid** (Technical + Financial) system for the following.

Item Description	Quantity
Supply, Installation and Commissioning of Water Purification	01 No's
System (Laboratory Grade Water Purification) at IISER Tirupati	
Main Campus, Yerpedu	

The Tender Document can be downloaded from Central Public Procurement (CPP) Portal <u>https://eprocure.gov.in/eprocure/app</u> and bid is to be submitted online only through the E-procurement portal up to the last date and time of submission of tender.

Critical Dates of Tender

Sr.No	Particulars	Date	Time
1	Date of Online Publication/Download of Tender	24/04/2020	18:00 Hrs.
2	Bid Submission Start Date	24/04/2020	18:30 Hrs.
3	Bid Submission Close Date	14/05/2020	15:00 Hrs.
4	Opening of Bids	15/05/2020	15:30 Hrs.

No manual bids will be accepted. All quotation should be submitted in the E-procurement portal only

Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk. The contact number for the helpdesk is 0120-4200462, 0120-4001002, 91-8826246593.



<u>INDEX</u>

Chapter No.	Page No
CHAPTER 1 : INVITATION FOR BIDS	03
CHAPTER 2 : INSTRUCTIONS TO BIDDERS	06
CHAPTER 3 : CONDITIONS OF CONTRACT	09
CHAPTER 4 : SCHEDULE OF REQUIREMENTS, SPECIFICATIONS AND ALLIED TECHNICAL DETAILS	14
CHAPTER 5 : PRICE SCHEDULE	16
CHAPTER 6 : CHECKLIST	19



CHAPTER-1. INVITATION FOR BIDS

1. Indian Institute of Science Education and Research, Tirupati invites online bids (etender) in single bids systems for Supply, Installation and Commissioning of Water Purification System (Laboratory Grade Water Purification). The Technical specifications are given in **Chapter 4: Schedule of Specifications**.

2. **Contact for information**:

Technical & Commercial contact: Assistant Registrar (Admin & Purchase) Indian Institute of Science Education and Research (IISER), Tirupati Transit campus: C/o Sree Rama Engineering College Campus, Rami Reddy Nagar, Karakambadi Road,Mangalam (B.O), Tirupati - 517 507 Email: <u>purchase@iisertirupati.ac.in</u> Ph: 0877 2500208 Website: <u>www.iiserTirupati.ac.in</u>

3. Supply means: "Supply, Installation & Commissioning".

4. **Submission of Bid**:

Bid Submission Start Date: 24/04/2020 from 18:30Hrs.Bid Submission Close Date: 14/05/2020 up to 15:00Hrs.Opening of Bids:15/05/2020 at 15:30 pm

- 5. No manual bids will be accepted. All quotation should be submitted in the Eprocurement portal only
- 6. The Offer should comprise of the following:
 - (i) The offer should be complete to indicate that all products and services asked for are quoted.
 - (ii) The purpose of certain specific conditions is to get or procure best Equipment/service etc. for IISER, Tirupati. The decision of Purchase Committee shall be the guiding factor for selection of the responsive firms.
 - (iii) Duly filled in Bid with proper seal and signature on each page of the bid should be submitted online and the same should accompany with complete specifications, Manufacturer's name, address and relevant Technical Literature / Brochures with warranty Terms.
 - (iv) Agreements / Purchase Orders / Completion certificates if any, for similar works in other Institutes, the details of such supplies for the preceding three years should be given together with the prices eventually or finally paid.
 - (v) Copy of GST No. and PAN No. allotted by the concerned authorities. If registered with the National Small Industries Corporation, the registration

3



number, purpose of registration and the validity period of registration and a copy of DGS&D registration wherever it is applicable should also be provided in bid.

- (vi) The prices should be shown against each item for the purpose of Insurance claims / replacements if any.
- (vii) Compliance sheet with any deviation with reference to the terms and specifications.
- (viii) The item should be supplied with manuals and the manuals including technical drawings should be complete in all respects to operate without any problem.
- (ix) Duly filled in checklist as per Chapter 6 should be submitted along with tender.
- (x) The Bidders are requested to quote for Educational Institutional Price for Equipment's, since we are eligible for the same

Note : IISER , Tirupati is requesting only Single Bid (Technical Specification and Price together) the Bidders must be extremely careful about the requirement mentioned in the tender and submit their quotes accordingly. Any shortfalls found during the tender evaluation such bids will be rejected without seeking any further clarifications from the bidders. Since it is a single bid any further clarification will cause/draw objections from other bidders.

<u>All the bidders should quote their offer as per "Chapter - 5 Price Schedule" for</u> <u>uniformity</u>.

7. **Purchase Committee**

The Purchase Committee will evaluate the tenders and may also nominate some external/expert members, in the interest of IISER, Tirupati.

8. **Terms of the Purchase Committee**

- A committee duly constituted by the Director, IISER, Tirupati will go through the bids and recommend firms that are meeting all the specifications of the Tender. The recommendation/decision of the purchase committee is the final and binding on all the parties.
- (ii) Purchase Committee will proceed through Bids as defined in <u>Chapter IV</u> <u>(Schedule of requirements, specifications and allied technical details)</u>, in order to determine whether they are substantially responsive to the requirements set forth in the tender. In order to reach such a determination, IISER, Tirupati will examine the information supplied by the Bidders, and shall evaluate the same as per the specifications mentioned in this tender.



(ii) The purchase committee may formulate evaluation criteria in addition to the specifications and requirements indicated in the tender, in the interest of IISER, Tirupati.

9. **Comparison of Responsive bids:**

- (i) After opening the bids, the responsive offers will be tabulated with reference to the specification.
- (ii) After arriving at final pricing of individual offers of all the short listed firms, the lowest firm will be awarded with Contract/Purchase Order subject to availability of funds.
- 10. No request for extension of due date will be considered under any circumstances.
- 11. No sub-contracting is allowed with regard to installation, warranty maintenance and after sales service.
- 12. The Director, IISER, TIRUPATI reserves the right to accept the offer in full or in parts or reject summarily or partly.
- 13. The relatives / near relatives of employees of the client are prohibited from participation in this bid.

The near relatives for this purpose are defined as:

- (a) Members of a Hindu Undivided Family.
- (b) Their husband or wife.

(c) The one is related to the other in the manner as father, mother, son(s), son's wife (daughter-in-law), daughter(s) & daughter's husband (son-in-law), brother(s) & brother's wife, sister(s) and sister's husband (brother-in-law).

14. Unloading: In Case of Equipment unloading at IISER Tirupati will be under Supplier scope



CHAPTER-2 : INSTRUCTIONS TO BIDDERS

Delivery Period / Timeliness

The deliveries & installation must be completed **within 30 days**, after placement of purchase order. The time is the essence of the contract. It is mandatory for the bidders who respond to this bid to meet these expectations, as are tightly linked to IISER, TIRUPATI's plans of completing the project within the time frame.

Locations for the Supply / Services:

Supply, Installation and Commissioning of Water Purification System (Laboratory Grade Water Purification) covered by this document is required to be done at IISER, Tirupati.

1. Eligible Bidders:

- 1.1 IISER, TIRUPATI reserves the right to award / reject the order to any particular bidder without assigning any reason thereof.
- 1.2 Bidders should not be under a declaration of ineligibility for corrupt and fraudulent practices.
- 1.3 Bidders should QUOTE strictly in accordance with the requirements.
- 1.4 Bidders shall adhere to the procedure and processes laid down in this document and shall follow fair and ethical practices of trade.
- 1.5 Based on the list of installations provided by the bidder, IISER, TIRUPATI will have its option to obtain details of the installations, their performance, after sales services etc. for evaluation of the tender, directly from the concerned organizations
- 1.6 Firms which have already supplied to IISER, TIRUPATI and have not completed required installation/after sales service/warranty replacements etc. such firms offers will not be considered for further evaluation and no enquiries thereafter will be entertained.
- 1.7 Conditional Offers will not be considered.
- 1.8 IISER, TIRUPATI will not provide any accommodation/transportation for the engineers/ representatives for attending installation. It is the absolute responsibility of the supplier to make their own arrangements.
- 1.9 The authorized person who signs the tender is required to indicate his email ID, mobile No. and also general e-mail ID for easy and faster communication.



Amendment of Bidding Documents

At any time prior to the deadline for submission of bids, IISER, TIRUPATI may, for any reason, whether on its own initiative or in response to the clarification request by a prospective bidder may modify the bid document.

PREPARATION OF BIDS

3. Period of validity of bids

- 3.1. Bids shall be valid for a period of **90 days** from the date of opening the bid.
- 3.2. IISER, TIRUPATI may ask for the bidder's consent to extend the period of validity. Such request and the response shall be made in writing only. A bidder agreeing to the request for extension will not be permitted to modify his bid.

AWARD OF CONTRACT

4. Award Criteria

- 4.1 IISER, TIRUPATI shall award the contract to the technically eligible lowest bidder.
- 4.2 If more than one bidder happens to quote the same lowest price, IISER, TIRUPATI reserves the right to award the contract to more than one bidder or any bidder.

5. Purchaser's Right to vary Quantities at the time of Award

IISER, TIRUPATI reserves the right at the time of award of Contract to increase or decrease the quantity of items specified in the Schedule of Requirements without any change in price or other terms and conditions.

6. Corrupt or Fraudulent Practices

IISER, TIRUPATI requires that the bidders who wish to bid for this project have highest standards of ethics.

- 6.1. IISER, TIRUPATI will reject a bid if it determines that the Bidder recommended for award has engaged in corrupt or fraudulent practices while competing for this contract.
- 6.2. IISER, TIRUPATI may declare a vendor ineligible, either indefinitely or for a stated duration, to be awarded a contract if it at any time determines that the vendor has engaged in corrupt and fraudulent practices during the execution of contract.



7. Interpretation of the clauses in the Tender Document / Contract Document

In case of any ambiguity / dispute in the interpretation of any of the clauses in this Tender Document, <u>Director, IISER, TIRUPATI's interpretation of the clauses</u> <u>shall be final and binding on all partie</u>



CHAPTER - 3 : CONDITIONS OF CONTRACT

1. Price

- 1.1. The price quoted shall be considered firm and no price escalation will be permitted.
- 1.2. The price criteria should be on F.O.R., IISER TIRUPATI. Govt. Levies like GST. if any, shall be paid at actual rates applicable on the date of delivery. Rates should be quoted accordingly giving the basic price, GST, if any.
- 1.3. The rate of GST applicable to IISER Tirupati is 5% for the items procured for Research purpose as per Notification No. 45/2017-Central Tax (Rate) New Delhi, 14th November, 2017 and Notification No. 47/2017-Integrated Tax (Rate) New Delhi, 14th November, 2017

A. For Goods manufactured in India:

(i) The price of the goods must be as per the BOQ.

(ii) In case of BOQ requesting for prices without GST. GST will be paid as per the norms.

iii) The price mentioned in BOQ must be inclusive of transportation, insurance, loading and unloading and any other local service required for delivering the goods for the desired destination as decided by IISER Tirupati.

(iv) The installation, commissioning and training charges (If any) must be mentioned as per the BOQ (if requested separately in BoQ) else the price quoted will be taken as inclusive of installation, commissioning and training.

(v) The institute will not be responsible in case of the bidders failing to include any of the above mentioned prices in their bid. The price mentioned in the BOQ will be final and the bidder has to comply with that, if awarded the tender.

(vi) UNLOADING OF THE GOODS AT IISER TIRUPATI IS STRICTLY IN THE SCOPE OF THE BIDDER. NO MANPOWER WILL BE PROVIDED BY IISER TIRUPATI.

B. For Goods manufactured abroad:

(i) The mode of shipment must be clearly mention in the BOQ via Ex-works, FCA, FOB, CIP, DDP etc.

(ii) Courier mode of shipments will not be acceptable. IISER Tirupati will not pay the charges towards clearance goods arriving on courier mode.

(iii) The mode of shipment once mentioned cannot be changes without the Consent of IISER Tirupati.



(iv) Any financial implication leading to change of mode of shipment or any deviation from the bid submitted shall be borne by the bidder.

(v) The charges towards insurance and transportation of the goods and agency commission must be clearly mentioned.

(vi) The installation, commissioning and training charges including any incidental services, if any.

(vii) The installation, commissioning and training charges (If any) must be mentioned as per the BOQ (if requested separately in BOQ) else the price quoted will be taken as inclusive of installation, commissioning and training.

(viii) The institute will not be responsible in case of the bidders failing to include any of the above mentioned prices in their bid. The price mentioned in the BOQ will be final and the bidder has to comply with that, if awarded the tender.

(ix) UNLOADING OF THE GOODS AT IISER TIRUPATI IS STRICTLY IN THE SCOPE OF THE BIDDER. NO MANPOWER WILL BE PROVIDED BY IISER TIRUPATI

C. We are exempted from payment of Customs Duty under notification No.51/96 dated 23.07.1996. Customs Duty, if any, should be shown separately. No other charges than those mentioned clearly in the quotation will be paid.

D. Bidders may also bid for High Sea sales

2. Services

2.1. Details of services rendered as well as after-sales services offered by you are to be made clear in the tender.

3. Delivery Schedule

- **3.1.** The bidders may please note that the delivery of the system should be strictly **within 30 days from the date of placement of firm order**.
- 3.2. Goods should not be dispatched until the Vendor receives a firm order.

4. <u>Warranty / Support:</u>

a The items covered by the schedule of requirement shall carry minimum Three years of comprehensive warranty from the date of acceptance of the equipment by IISER, TIRUPATI. Warranty shall include free maintenance of the whole equipment supplied including free replacement of parts. The defects, if any, shall be attended to on immediate basis but in no case any defect should prolong for more than 24 hours. The comprehensive warranty includes onsite warranty with parts.



- b The defects, if any, during the guarantee/warranty period are to be rectified free of charge by arranging free replacement wherever necessary. This includes cost, insurance, freight, custom duty, octroi, local taxes if any should be borne by the beneficiary or his agent. A clear confirmation should be given for this item.
- c The warranty on the associated software should cover providing of upgraded version/s, if any, released during the warranty period free of cost. The turnaround time for resolving of any issue in case of indigenous bidders 15 days and in case of import is 30 days from the date of intimation from institute via e-mail any delay in resolving the issue will lead to forfeiture of their PBG. The delay in resolving the issue beyond the stipulated period mentioned above shall lead to extension of warranty period.
- d The BIDDER shall assure the supply of spare parts after warranty is over for maintenance of the equipment supplied if and when required for a period of 10 years from the date of supply of equipment on payment on approved price list basis.
- e The equipment must be supported by a Service Centre in India manned by the principal vendor's technical support engineers. The support through this Centre must be available 24 hours in a day, seven days a week and 365 days a year. Also it should be possible to contact the Principal's vendor support Centre on a toll free number/web/mail.
- f An undertaking from the manufacturer is required in this regard stating that they would facilitate the BIDDER on regular basis with technology / product updates & extend support for the warranty as well.
- g The vendor will have to arrange for all the testing equipment & tools required for installation, testing & maintenance etc.
- h The principal vendor must have a local logistics support by maintaining a local spares depot in the country of deployment of the equipment. This is to ensure immediate delivery of spares parts from Principal Vendor of equipment to its channel partner/system integrator.
- i Details of onsite warranty, agency who shall maintain during warranty and undertake Annual Maintenance Contract/Comprehensive Service Maintenance Contract beyond warranty shall be given in the offer. In case of foreign quote, the Indian Agent who shall maintain during warranty and AMC beyond warranty shall be given in the Technical Offer.

j. COMMENCEMENT OF WARRANTY PERIOD:

The warranty period of an item shall commence from the date of successful installation, commissioning and demonstration at IISER Tirupati. The warranty period and validity of Performance Guarantee shall be extended for the period of delay in satisfactory installation and delay in warranty services.



Indemnity

The vendor shall indemnify, protect and save IISER, TIRUPATI against all claims, losses, costs, damages, expenses, action suits and other proceeding, resulting from infringement of any law pertaining to patent, trademarks, copyrights etc. or such other statutory infringements in respect of all the equipment supplied by him.

6. Freight & Insurance

The equipment's to be supplied will be insured by the vendor against all risks of Loss or damage from the date of shipment till such time it is delivered at IISER, TIRUPATI site.

7. Payment

7.1. No advance payments are allowed under any circumstances.

7.2. Payment will be made directly to the suppliers by wire transfer for 100% of the Invoice value after receipt of the goods in our Stores, tested /inspected and found satisfactory with regard to quality, quantity, and specifications ordered for and after satisfying that the terms and conditions of supply have been fulfilled.

7.3. By Irrevocable Letter of Credit for 100% of the Invoice value. However, 90% of the Invoice value will be paid on presentation of original shipping documents to our bankers and balance 10% will be paid after receipt of material and acceptance of the goods at IISER Tirupati.

8. Penalty for delayed Services / LD

- 8.1. As time is the essence of the contract, Delivery period mentioned in the Purchase Order should be strictly adhered to. Otherwise the IISER will forfeit EMD/SD and also LD clause will be applicable /enforced.
- 8.2. If the supplier fails to Supply, Install as per specifications mentioned in the order within the due date, the Supplier is liable to pay liquidated damages of 1% of order value per every week of delay subject to a maximum of 10% beyond the due date. Such money will be deducted from any amount due or which may become due to the supplier.
- 8.3. IISER, TIRUPATI reserves the right to cancel the order in case the delay is more than 10 weeks. Penalties, if any, will be deducted from the Security Deposit.

9. Jurisdiction

The disputes, legal matters, court matters, if any, shall be subject to Tirupati Jurisdiction only.



10. Discrepancies

If there are any discrepancies in price schedule and tender document please refer to the BOQ in the Central Public Procurement Portal, the BOQ item/words/conditions mentioned in BOQ prevails.

11. Comparisons of Bids

The Purchaser shall compare all substantially responsive bids to determine the lowest valuated bid.

This Institute is following and abide with the Public Procurement (Preference to Make in India), Order 2017, DIPP, MoCI Order No. P-45021/2/2017-B.E.II dated 15th June 2017 and subsequent amendments to the order. Accordingly, preference will be given to the Make in India products while evaluating the bids, however, it is the sole responsibility of the bidder(s) to specify the product quoted by them is of Make in India product along with respective documentary evidence as stipulated in the aforesaid order and the quality as mentioned in the tender in the technical bid itself.

12. Force Majeure

IISER, TIRUPATI may consider relaxing the penalty and delivery requirements, as specified in this document, if and to the extent that the delay, in performance or other failure to perform its obligations under the Contract, is the result of a Force Majeure.

Force Majeure is defined as an event of effect that cannot reasonably be anticipated such as acts of God (like earthquakes, floods, storms etc.) acts of states, the direct and indirect consequences of wars (declared or undeclared) hostilities, national emergencies, civil commotion and strikes at successful Bidder's premises.

13. Arbitration

All disputes of any kind arising out of supply, commissioning, acceptance, warranty maintenance etc. shall be referred by either party (IISER, TIRUPATI or the bidder) after issuance of 30 days notice in writing to the other party clearly mentioning the nature of dispute to a single arbitrator acceptable to both the parties. The venue for arbitration shall be IISER, TIRUPATI India. The jurisdiction of the courts shall be Tirupati, Andhra Pradesh, India.

Assistant Registrar (Admin & Purchase)



<u>CHAPTER 4</u> <u>SCHEDULE OF REQUIREMENTS, SPECIFICATIONS & ALLIED TECHNICAL</u>

<u>TECHNICAL SPECIFICATION OF WATER PURIFICATION SYSTEM</u> (Laboratory Grade Water Purification)

Analytical Grade Water System (Type II)

- 1. Product Water (Output) should meet or exceed Type II water quality corresponding to analytical –grade water as defined by ASTM, CAP, NCCLS and ISO 3696/BS 3997 with the following Product Water Technical Specifications
- Resistivity 10-15 Mega Ohms
- TOC Levels less than 30 ppb
- Output product Rate (Capacity) 10 Litres / Hr
- 2. The System should have ideally a three stage Purification system:

Stage 1: Pre-treatment Cartridge with anti-scaling compounds, activated carbon filter and 0.5 Micron Particulate filter to obtain Chlorine and Colloid free water, and compatible with Feed Water Quality of SDI levels up to 12 and total Chlorine level of 3 ppm and conductivity of 2000 micro Siemens/cm. Should be fitted with an easy lock and release mechanism for future maintenance.

The cartridge should have an RFID tag for traceability.

<u>Stage 2</u>: The system should have a high Flux thin RO Membrane with 200 Daltons cut-off. The system should compulsorily have conductivity cells before and after the RO Membrane to 95-99 % rejection of Inorganic Ions 99% rejection of all Dissolved organic substances.

RO cartridge should have high recovery loop to reduce the wastage of feed water to drain.

<u>Stage 3:</u> The System should have the Electro De-ionization module (EDI Module), with mixed Bed Ion Exchange Resin along with Carbon Beads at cathode to avoid scaling so that the Regeneration of the Resins happens on application of Electric current. The system should have

3. Temperature Compensation of Product water temperature of max +/- 0.1 degree irrespective of temperature changes.

4. The system should have the following:

- In built display to ensure the system parameters are displayed all the times
- Auto diagnostic facility with Error NO and Alarm Code and real time clock to log reports with date and time to ensure complete traceability.
- Automatic Cleaning, Rising, and Flush mode.
- Indication should be built in to show errors.

Specifications for Storage Reservoir

Blow moulded Polypropylene reservoir with atleast 60 Litres Capacity with sensor rod float switch and single 3 stage vent filter consisting of soda lime, activated carbon and 0.22 micron hydrophobic membrane and have the option of using Automatic sanitization Module.

Type I water purification system

- 1. Type II water should pass through specific cartridge for removal of trace ionic and organic contaminants.
- 2. To prevent deterioration of water quality during periods of non-use, the ultrapure water system should be able to recirculate water to maintain high water quality
- 3. Dispensing height should be suitable to any glassware. The ultrapure water system delivery unit will dispense ultrapure water in two modes easily accessible: variable flow and volumetric dispensing. Volumetric dispensing from 0.25 L till 60L
- 4. **LCD monitor displaying**: Should display resistivity/conductivity, TOC, level of water in reservoir, volume dispensed and alarms for purification pack replacement or water quality less than set point. The ultrapure water system delivery unit will incorporate a fully comprehensive, graphic colour LCD display to provide information
- on system status and performance parameters,
- on routine maintenance needs, and
- on alarms for troubleshooting in the event of system malfunction. Graphic icons and operating control values must also be available as standard.
 - 5. To avoid maintenance errors and to improve traceability, the internal primary consumable water purification cartridges will have a built-in RFID tag.
- 6. To comply with USP requirements, the resistivity meter shall be able to display the non-temperature-compensated resistivity.
- 7. The internal primary consumable water purification cartridge must attach to the water system without treated fittings, screws, clamps, or locking tabs.
- 8. The system should be delivered with a Certificate of Conformity ensuring that it has been built and tested fully assembled following Standard Operating Procedures.
- 9. The ultrapure water system should have a 2 years' life time built-in UV lamp with emission at 190 and 250 nm wavelength. To ensure on-time reordering of the pre-treatment consumables, the system will have automatic warnings
- 10. There should be constant communication between the ultrapure water system and the feed tank to ensure that there is always a constant supply of water to the polishing portion of the system.
- 11. The system should be tested for its safety and electromagnetic compatibility.
- 12. Dispenser with Flexible arm: The ultrapure water system delivery unit should dispense ultrapure water in two modes easily accessible: variable flow and volumetric dispensing. The ultrapure water system delivery unit should be designed so that regular lab containers, such as cylinders and flasks, can be filled without the need to hold them. The system will also incorporate a volumetric dispensing function capable of automatically dispensing of ultra-pure water from 0.1 L up to 30 L.
- 13. The system should have a choice of point-of-use final filter options, including
- 0.22micron PVDF membrane filter in stack disc configuration to remove bacteria and particulates.

- UF cartridge at the collection end to remove endotoxins with LRV in between 5.6 and 7.65.
- VOC Pak to remove volatile organics.
- LC Pak very specific for trace organic applications.

14. Ultrapure (Type I) water:

- Ultrapure Water (Type 1) Flow Rate (L/min)..... Up to 1 (Programmable flow rate)
- Ultrapure Water Resistivity (MΩ•cm at 25°C)...... 18.2 (atleast)
- Microorganisms (cfu/mL)......<0.1
- Particulates < 0.22 (μm/ mL)..... < 1
- RNase Level (ng/mL)...... < 0.01 [with UF]
- TOC (ppb).....< 5 [with UV]

Warranty and Delivery

- 1. Three years comprehensive warranty for the equipment. 3 years of extended annual maintenance contract (AMC) should be given as optional.
- 2. The entire system should be delivered with a Certificate of Conformity ensuring that it has been built and tested fully assembled following Standard Operating Procedures.

Optional: Pre-Filter to counter the Particulate Load

Double Stage Purification 5 Micron and 1 Micron Polypropylene graded density wrapped type depth filter with Low Voltage 20 Watts powered Booster Pump with noise levels of Less than 48 Decibels

CHAPTER-5 PRICE SCHEDULE

ALL THE BIDDERS SHOULD QUOTE THEIR OFFER IN FOLLOWING FORMAT FOR UNIFORMITY

PRICE SCHEDULE FOR GOODS BEING OFFERED FROM ABROAD

Name of the Bidder _____

ISER

Tender No._____

1	2	3	4	5	6		7		8		9
Sl No	Item Description	Country of origin	Qt y	Units	Unit Price	Price Total price (4x6)		Charges for Insurance & transportatio n to port/ place of destination		Total Price (7+8)	
					Ex-Works (named port of shipment)	FCA/FOB (named place of delivery)	Ex-Works (named port of shipment)	FCA/FOB (named place of delivery)	Ocean	Air	CIF/ CIP
1	Water Purification System (Laboratory Grade Water Purification)		01	No.							

Total Bid price in	in words.

Signature of Bidder:

Name

:

Business Address



Note: The Bidder may add rows as per requirement to include the prices of all Components/Parts, Warranties, Installation etc. whichever applicable.

- (a) Indian agents name & address_____
- (b) Installation, commissioning & training charges, if any_____
- (c) Cost of Spares _____
- (d) The Indian agent's commission shall paid in Indian Rupees only based on the Exchange Rate prevailing on the date of negotiation of documents.
- (e) The cost of optional items shall be indicated separately.



PRICE SCHEDULE FOR GOODS BEING OFFERED FROM INDIA

Name of the Bidder _____

Tender No._____

1	2	3	4	5	6	7	8	9	10	11	12
Sl.	Item	Cou	Qty	Uni	Ex-Works.	Total price	GST	Packing &	Charges	Installa	Gross
No	Descriptio	ntr		t	Ex-	Ex-Works. Ex-	payable, if	forwarding	of	tion,	Total
	n	y of Ori gin			Warehouse, Ex-show room off the shelf price (inclusive of tax already paid)	Warehouse, Ex-show room off the shelf price (inclusive of tax already paid) 4x6	contract is awarded	up to station of dispatch, if any	inland transpo rtation, insuran ce up to Institute	Commi ssionin g & trainin g charges , If any.	(FOR)
1	Water Purification System (Laboratory Grade Water Purification)		01	No.							
Total	Fotal Bid Price in words.										

Signature of Bidder:

Name :<u>Note:</u>

The cost of optional items shall be indicated separately.

The bidder may add rows to include the prices of all components & warranties, installation etc. whichever applicable.

(a)Cost of spares _____(b)Warranty if being charged include in BoQ



<u> CHAPTER – 6 : Checklist: Eligibility Criteria for Bidders</u>

Bidders to indicate whether the following are enclosed by striking out the non-relevant option.

(a)	Self-Attested copy of GST number as applicable	(Yes / No)
(b)	Agreements / Purchase orders / Completion certificates, if any, from the clients for whom similar supply has been made by the bidder in last three years	(Yes / No)
(c)	Compliance sheet with any deviation w.r.t. the terms	(Yes / No)
(d)	LD clause agreeable.	(Yes / No)
(e)	Acceptance of warranty period and Free replacements during warranty period	(Yes / No)
(f)	Deviation Sheet to be Attached	(Yes / No)



IMPORTANT

TENDERERS RESPONDING TO THIS ENQUIRY SHALL BE DEEMED TO BE AGREEABLE TO THE TERMS AND CONDITIONS HEREIN CONTAINED. THESE TERMS AND CONDITIONS SHALL BE BINDING ON THE SUCCESSFUL TENDERER.CONDITIONAL TENDERS ARE LIABLE TO BE REJECTED. IISER TIRUPATI WILL PROCESS THE TENDER AS PER IISER TIRUPATI STANDARD PROCEDURES. THE DIRECTOR OF THE INSTITUTE RESERVES THE RIGHT TO REJECT ANY OR ALL OR PART OF TENDER WITHOUT ASSIGNING ANY REASON AND SHALL ALSO NOT BE BOUND TO ACCEPT THE LOWEST TENDER. IISER TIRUPATI WOULD NOT BE UNDER ANY OBLIGATION TO GIVE ANY CLARIFICATIONS TO THE AGENCIES WHOSE BIDS ARE REJECTED.

I agree to all terms and conditions mentioned in the tender document of the Institute

Signature of the Tenderer