



(Please mention "REF NO" in all documents)
LIMITED TENDER ENQUIRY (SINGLE BID)

REF No.: VNIT/STR/LT/HS/AA/2018-19/34,

Date: 6 June 2018

To, _____

REF No. OF THIS LETTER MUST BE MENTIONED ON THE ENVELOPE CONTAINING YOUR QUOTATION

Subject: – Limited Tender Enquiry (Single Bid) for Procurement of "RO Water Filter" [1000 LPH Drinking Water Purification Plant (Automatic)] for New Hostel Building.

Dear Sir / Madam,

You are invited to submit your most competitive quotation for the supply of following items / goods as per time schedule of submission, terms and conditions mentioned below;

Schedule of Tender/ Bid Submission

Date of Issue : Wednesday, 06th June 2018
Last Date & Timing of Submission the Tender : Wednesday, 27th June 2018, Time 3.00 PM
Date & Timing of opening the Tender : Wednesday, 27th June 2018, Time 3.30 P.M.
EMD – Rs.6,800/-

Item particulars

SN	Item particulars	Specifications	Quantity
1	RO Water Filter	<u>1000 LPH Drinking Water Purification Plant (Automatic)</u> Raw Water Pump, Pressure Sand Filter, Automatic Multiport Valve Activated Carbon Filter, Dosing Pump, Micron Filter -02, High Pressure Pump, Membrane, Ultraviolet Light, Automatic Control Panel, HDPE Water Storage Tanks. Detail specification as per Annexure -A	2 Nos.

[The bidder should offer / quote special educational discount for the Institute.]

Qualification Criteria

- 1) Treated Water quality from R.O. Plant
 - a) Total Hardness - <5 ppm
 - b) Chloride - 7.0+ - 0.5
 - c) Total Dissolved Solids - < 50mg/ltr
 - d) Conductivity - < 80 ms/cm
- 2) Mode of Plant operation -Automatic
- 3) Feed water flow rate - 2.0 M³/Hr.
- 4) Product Flow rate -1 M³/Hr.
- 5) Average - 50%
- 6) Working Pressure - 12-15 kg/cm²

Signature of Bidder with Seal & Date

GENERAL INSTRUCTIONS, TERMS & CONDITIONS

1. The vendor shall submit the tender/quotation enquiry in the Institute's prescribed format.
2. Bidder shall submit Firm's registration certificate, GST registration certificate, PAN, Delivery Period, Warranty/Guarantee, others etc with the bid.
3. The duties, taxes and other levies payable by the vendor shall be shown separately in bidding document. The basic price per unit should be separately mentioned in the given format at **Annexure-I**. Duties & taxes viz. Custom, GST, Freight / Transportation, Packing & Forwarding, Insurance, Price Ex-Works etc. shall be indicated separately in the given format only.
4. Each Vendor shall submit only one quotation. All the information shall be furnished by the vendors as per Institute prescribed format. Any other format will lead to disqualification. Each and every document should be submitted duly signed & stamped. Incomplete or Conditional Quotation(s) will not be accepted.
5. **Evaluation of Quotations:** The Purchaser will evaluate and compare the quotations determined to be substantially responsive i.e. which
 - (a) Are properly signed; and
 - (b) Confirm to the terms and conditions, and specifications.
6. The firm quoting for above mentioned items should be the authorized dealer of the manufacturer. Copy of authorization certificate should be enclosed with the quotation. Offer submitted without proper authorization shall be rejected summarily. The quantity mentioned in enquiry is and shall be deemed to be only approximate and will not in any manner be binding to the Institute.
7. The Prices should be quoted F.O.R. VNIT, Nagpur on delivery basis.
8. The rates quoted by the bidder shall be FIRM & FIXED and shall not be variable/subject to adjustment on any account.
9. **Educational Discount:** VNIT, Nagpur is a Govt. of India's Institute of National Importance engaged in education & research of National & International repute, the Vendors shall give / offer the special educational discount on quoted rates.
10. **Earnest Money Deposit (EMD):** Bidder shall submit EMD in form of Demand Draft / Fixed Deposit Receipt / Bank Guarantee in favor of "**Director, VNIT Nagpur**" payable at Nagpur. The EMD to be submitted strictly in a separate envelope super scribed with Vendor / Firm's name & address & also on back side of DD with stamp. **Bid received without EMD will be summarily rejected.** Firms / Vendors registered with the NSIC or MSME or SSI are having exemption from submission of EMD. Firms / Vendors registration certificate in above respect will be essential to claim exemption.
11. The Firm/Company Bank/RTGS/NEFT/ECS details must be submitted along with the Quotations/Tenders on the letter head.
12. Information brochures/Product catalogue, if any must be accompanied with the quotation clearly indicating the model quoted for.
13. **Client List:** Bidder shall furnish information of Client list along with the order copy of similar good/s / equipment supplied to any IIT/NITs/ any Govt. Organization including details of price & all other charges / duties with the bid.
14. **Taxes:** GST or any other taxes as per Govt. norms shall be applicable from time to time. The % of Tax must be indicated separately in the quotation.
15. **Delivery of Goods** -Vendor shall deliver/supply the goods **within 4 (Four) weeks** period from the date of receipt of purchase order. Goods shall be supplied / delivered by the vendor / bidder at the installation site in concerned

Signature of Bidder with Seal & Date

laboratory/ department of VNIT, Nagpur at free of cost on working days. Vendor shall deliver the material strictly as per the delivery schedule given in P.O., failing which **Liquidated Damages Clause** will be applicable.

16. **Liquidated Damages Clause:**

- a) The Director, V.N.I.T. Nagpur reserves the right to recover from the vendor, liquidated damages a sum equivalent to 1/2 percent of the price of the undelivered stores at the stipulated rate for each week or part thereof, during which the delivery of such stores, may be delayed subject to, a maximum limit in the case of an order exceeding Rs. One Lakh in value, up to 10 percent and in the case of an order not exceeding Rs. One Lakh in value up to 5 percent of the stipulated price, of the stores so undelivered.
- b) To purchase elsewhere, on vendor's accounts, at his risk, the stores etc. undelivered, or other of a similar description, where others exactly employing with the particulars, are in the opinion of the Director, Visvesvaraya National Institute of Technology, Nagpur are not readily procurable, without cancelling the contract, in respect of consignment not yet due for delivery.
- c) If the Supplier fails to deliver the material/goods within the stipulated delivery period, then Amount of EMD given by the Vendor shall be forfeited. In case of Supplier [registered with MSME/NSIC/SSI etc.] not required to submit the EMD, the Institute reserves the right to initiate action including reporting to principal Govt. authorities.
- d) To cancel the contract -
In the event of action being taken under (b) or (c) above, the vendor shall be liable to make good for any loss, which the Institute may sustain, by reason of higher price of items/goods, so purchased or the otherwise, howsoever:
The decision of the Director, Visvesvaraya National Institute of Technology, Nagpur shall be final as regards to the acceptability of stores supplied by the seller and the Director, Visvesvaraya National Institute of Technology, Nagpur, shall not be required to give any reason in writing or otherwise at any time for the rejection of stores.

17. **Valid Period of Quotation/offer:** The quotation/offer shall be normally valid for a period of 180 days from the date of opening the tender.

18. **Rate Contract:** If any of the items/ materials mentioned are already under the DGS&D rate contract, you are requested to give us the advantage of the contract rates as VNIT Nagpur is an Educational and Research Institute sponsored by the Government of India.

19. **Installation/Testing:** Goods / Equipments shall be delivered / installed at concerned laboratory / department of VNIT by the Bidder at free of cost. Installation & testing of good/s supplied should be completed preferably within 10 days of supply of good/s.

20. **Payment (Indigenous Item):** Institute will release the full & final (100%) payment after delivery of items and its successful installation/ demonstration at concerned department / laboratories of VNIT Nagpur. The vendor will be required to submit the bills in triplicate along with delivery memo. Payment will be made through Crossed Cheque / ECS / NEFT.

21. **Guarantee/Warranty:** Normal comprehensive **Warranty/Guarantee of 3 years** shall be applicable to the supplied goods. In case any part or whole of the equipment is found to be defective during the guarantee period, then the same will have to be replaced/repared free of cost at VNIT by the vendor.

22. **Check three years full warranty including maintenance, consumables and free replacement if any.**

23. The vendor shall take full responsibility in case of any damage, loss or injury to any person / building or to any part thereof, and shall repair / and make good the loss, at his own cost.

24. It will be the sole discretion of VNIT to accept or reject the tenders/quotations in case of deviations, if any, from the technical specification.

25. Any certificate / document submitted by the vendor are found to be incorrect /false/ forged/ fake, intentionally / un-intentionally at any stage, will lead to disqualification of vendor. Institute shall be free to take any action by blacklisting the vendors firm.

26. Bidder should enclose required documents/copies failing which quotation / tender will be disqualified.

Signature of Bidder with Seal & Date

27. **Any corrigendum/ amendment regarding this limited tender enquiry will be issued on the Institute website only [http; //stores.vnit.ac.in]**
28. For any dispute, the place of jurisdiction shall be Nagpur, India only.
29. Director, VNIT, Nagpur reserves the right to accept or reject or cancel any or all enquires or quotations/PO at any stage without assigning any reason thereof.
30. **It will be presumed that the vendor has read carefully all the above mentioned instructions, terms & conditions and abide by same.**
31. Quotations received after the last date of submission will not be considered.
32. The Quotation in sealed envelope super-scribed with **“Limited Tender Enquiry for procurement of “Item Name” for “Department Name”** and to be sent to Dy. Registrar (Stores), Visvesvaraya National Institute of Technology, South Ambazari Road, Nagpur - 440 010, Maharashtra (India). The quotation can also be submitted in person in the **“Quotation/Tender Box”** at the Stores Section, VNIT, Nagpur - 440010 on any working day. **The last date of submission is Wednesday, 27th June 2018, by 3.00 P.M.** The vendors / firms name with complete address must be mentioned on the envelope.
33. **The date of opening the quotation/tender is Wednesday, 27th June 2018 by 3.30 P.M.**
34. All Communication are to be addressed to: –**DIRECTOR**, Visvesvaraya National Institute of Technology, South Ambazari Road, Nagpur - 440 010, Maharashtra (India).

Yours faithfully,

Sd/-

CHAIRMAN [SPC]

ANNEXURE-I
"PRICE/COMMERCIAL BID"

REF No.: VNIT/STR/LT/HS/AA/

Date: 6 June 2018

ITEM: "RO Water Filter" [1000 LPH Drinking Water Purification Plant (Automatic)]

Sr. No	Item with Specifications	Qty	Basic Rate P.U. (Rs.)	GST % & Amount P.U. (Rs.)	Total Amount P.U. (Rs.)
1	"RO Water Filter" [1000 LPH Drinking Water Purification Plant (Automatic)] (Specification as mentioned in enquiry)	2 Nos.			
	Educational Discount				
	Total Cost F.O.R. V.N.I.T. Nagpur				

[Note - The bidder should offer / quote special educational discount for the Institute.]

[A] DUTIES & TAXES (if applicable):

1. Custom Duty if any : _____
2. GST @ _____% : _____
3. Freight/ Transportation : _____
4. Insurance @ _____% : _____
5. Packing & Forwarding : _____
6. Others, (if any) : _____
7. **Final Offer (Including Installation Charges & Taxes) FOR VNIT Nagpur** : _____

[B] Others Details (Enclosed)

1. **EMD No. & Amount** : No.: _____ Dt. ____/____/2018 Rs. 6,800/-
2. Specification as per Requirements : Yes / No
3. Warranty/Guarantee : _____ Years
4. Delivery period : _____
5. Firms Registration Certificate : _____
6. Authorization Certificate : _____
7. Details of client lists : _____
8. GST Registration Certificate : _____
9. PAN / GST No. : _____
10. Others, (if any) : _____

Note: Price/Commercial Bid & other details should be furnished as per Institute's prescribed format if failed, the Price / Commercial Bid is treated as unresponsive and will be disqualified.

The Firm/Company agrees to supply the above items for **final offer price (Rs. _____/- [In Words Rs.....) inclusive of duties & taxes at [A] above within the period specified in the Invitation for**

Signature of Bidder with Seal & Date

Quotations. We also confirm that the normal commercial warrantee /guarantee of 36 months shall apply to the offered goods.

Annexure –A

RO Water Filter” [1000 LPH Drinking Water Purification Plant (Automatic)]

Qualification Criteria

- 7) Treated Water quality from R.O. Plant
 - e) Total Hardness - <5 ppm
 - f) Chloride - 7.0+ - 0.5
 - g) Total Dissolved Solids - < 50mg/ltr
 - h) Conductivity - < 80 ms/cm
- 8) Mode of Plant operation -Automatic
- 9) Feed water flow rate - 2.0 M³/Hr.
- 10) Product Flow rate -1 M³/Hr.
- 11) Average - 50%
- 12) Working Pressure - 12-15 kg/cm²

Technical Specifications:

1.Raw Water Pump

Sr.no.	Particulars	Specifications
01.	Type	Monoblock Centrifugal.
02.	Operating Flow Rate	2 m3/Hr.
03.	Material	CI
04.	Type of drive	I phase, Squirrel cage induction motor
05.	KW/RPM	1.25/2900 (Approx.)
06.	Make	CRI/Kirloskar/Crompton Greaves and equivalent

2.R.O. Membrane

Sr. no.	Particulars	Specifications
01.	Type of membrane	Spiral wound TFC brackish water membrane.
02.	Make	GE/dow/hydranotics
03.	Size	8040
04.	Operating pressure	10 to 15 kg/cm2
05.	Material	Polyamide-Thin film Composite
06.	Material of housing	FRP

3.Pressure Sand Filter

Sr. no.	Particulars	Specifications
01.	Type	Down Flow
02.	Size	13” Dia x 54” Ht.
03.	Operating Flow Rate	2 m3/Hr.
04.	Operating Pressure	3 Kg/cm2
05.	Type of media	Dual- Sand and Anthracite
06.	M.O.C. of shell	FRP

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07.	Make	Aventura/Pentair/Starlite
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4. Chemical Dosing Pump

Sr. no.	Particulars	Specifications
01.	Type	Electronic Diaphragm
02.	Operating flow rate	6 LPH

5. Activated Carbon Filter

Sr. no.	Particulars	Specifications
01.	Type	Down Flow
02.	Size	13" Dia X 54" Ht.
03.	Operating flow rate	2 m ³ / Hr.
04.	Type of media	Activated carbon
05.	Qty. of Resin	100 kgs.
06.	M.O.C. of Shell	FRP
07.	Make	Aventura/Pentair/Starlite

6. Micro Cartridge Module

Sr. no.	Particulars	Specifications
01.	Type	Disposable Cartridge
02.	Size	4" Dia. X 20" Ht.
03.	Operating flow rate	4 m ³ /Hr.
04.	Operating Pressure	2.0 kg/cm ²
05.	Micron Rating	10/5 Micron
06.	M.O.C. of Housing	FRP
07.	M.O.C. of Cartridge	Polypropylene

7. High Pressure Pump

Sr. no.	Particulars	Specifications
01.	Type	Multistage Centrifugal.
02.	Operating flow rate	2 m ³ /Hr
03.	Operating Pressure	10 to 15 kg/cm ²
04.	Material of Construction	Stainless Steel -316
05.	Make of Pump	CRI/Kirloskar/Crompton Greaves and equivalent
06.	Type of drive	Single phase, Squirrel cage induction motor.
07.	KW/RPM	3.25/ 2900 (Approx.)
08.	Quantity offered	One Nos.
09.	Type	Multistage Centrifugal.

08. Skid

Sr. no.	Particulars	Specifications
01.	Material	S.S.
02.	MOC	SS 304
03.	Material Mounted On Skid	Row water pump, vessel, micron filter ,dosing

Signature of Bidder with Seal & Date

		pump, high pressure pump, RO membrane, flow meter, pressure gauge ,digital control panel.
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09. Nano Silver Technology [Silver Ionization Water Disinfection]

Sr. no.	Particulars	Specifications
01.	Technology	Silver ionization
02.	Adopter	With Power Indicator
03.	Make	SS Standard 316
04.	Cartridge	As per Requirements
05.	Duration Of Change [Cartridge]	After 5,00,000/- liter
06.	Power Consumption	230V AC

10. Multiport Valve:

It mounted on vessels, It Has Multiple Work like as Backwash, Rinse, and Filter.It Will Be Automatic System Automatic Backwash, Rinse, and Filter. All Process Indicates On Censer Panel Which Attached With Multiport Valve Also You Can Adjust Time Period For Recommended Process.

11. Pressure Monitors:

Sr. no.	Particulars	Specifications
01.	Type	Bourdon tube type.
03.	M.O.C	wetted parts –SS
04.	Dial Size	150 mm.
05.	Mounting	Bottom entry – Field. Back entry – Panel
06.	Connection	1/4” BSPT

12. Flow Indicator:

Sr. no.	Particulars	Specifications
01.	Type	Panel Mounted
03.	Location	R.O. Product and Reject.
04.	Material of Construction	Acrylic, Float –SS 304

13. Online Control Panel:

Sr. no.	Particulars	Specifications
01.	Type	Inline digital.
02.	Range	0 – 1990 ms/cm
03.	Product Water Storage Tank- 6000 ltr. capacity	Materials:- HDPE (4 Layers Wall) Make- Syntax/Supreme/Plasto and Equivalent

Signature of Bidder with Seal & Date