

Institute Works (Water Works Section)
INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR -721302

No.IIT/WW/TEN/2018-19/36
DT: 03.01.2019

Tender notice No.IIT/WW/TEN/2018-19/36 Dt.03.01.2019

Sub: Providing & commissioning of compact drinking water cooler cum purifier for Main Building near CDC

Institute Works of Indian institute of technology Kharagpur, an institute of national importance, invites sealed quotations from reputed original water cooler and water purifier manufacturers (OEMs) or their authorized distributors for the providing & commissioning of compact drinking water cooler cum purifier in the different Main Institute Building, Ground floor, IIT Kharagpur.

All interested vendors are requested to send their sealed quotation as per technical specifications mentioned in Annexure-I and general terms & conditions as mentioned in annexure- III.

It is essential to duly fill in the technical compliance table (annexure- II) and it is to be included in the technical bid.

All pages of the tender document must be signed by authorized signatory, stamped with company seal and submitted with the technical bid.

The tender notice is also posted on the institute website www.iitkgp.ac. as well as CPP Portal.

The proposals are to be sent in sealed envelope. (Technical Bid and price Bid) duly super scribed with reference Number, on or before 06.02.2019 by 3.00P.M

To the following address:
Sr. Executive Engineer
Institute Works (Water Works)
IIT Kharagpur -721302, WB

The technical bids will be evaluated on 06.02.2019 at 3:30 pm in the presence of the vendors and their authorized representatives and price bids will be opened only of those firms, who will be found technically qualified after evaluation of their technical bids.

Yours sincerely,

Sr. Executive Engineer
Institute Works (Water Works)
IIT Kharagpur

Essential specifications of compact drinking water cooler cum purifier
(Tender No. IIT/WW/TEN/2018-19/36 Dt: 03.01.2019)

Sl No.	Essential specifications
1	The bid should be for a standard model of the manufacturer already getting sold in the market for at least six months.
2	Compact design, single water cooler with inbuilt purifier unit having maximum dimension within W=740-770mm , D=540-580mm, H= 1300-1500mm (WXD _X H)
3	Tough, hygienic and durable body Storage cooler cum purifier is unique in terms of its construction. The entire body is corrosion resistant which prevents rusting and helps maintain hygiene standards.
4	At least 3 stage purification process comprising of : Stage 1; The micro porous , heavy duty sediment filter candle of polypropylene and silver impregnated activated carbon to remove physical impurities like dust , dirt , clay particles etc. Stage2:specially – treated activated – carbon to remove chlorine along with its by products and other organic impurities :thus reducing unpleasant odour , taste and color , Stage3: ultraviolet treatment to effectively inactivate all known pathogens in water Refrigeration system: fro faster and effective cooling .
5	To ensure you have 100% safe drinking water , the water ,the water is filtered ,cooled and purified at the outlet using an advanced , internationally proven ultraviolet technology , leaving no chance for recontamination
6	Natural salts and minerals should be retained in the output water
7	Working voltage range :170-260 volts ,single phase AC,50Hz
8	Power rating of the machine : not more than 1000 W
9	Power line should be provided with 3 pin plug top and proper earth connection
10	Water cooling capacity (minimum) : 60-80 Litres/ Hour
11	Water storage tank capacity : 100-120 liters (min)
12	Storage tank material SS304
13	Refrigerant: R134 a or any other environment friendly, pure refrigerant.
14	No of purifier circuits (Min) : Three
15	Inlet water pressure range : system should work in the pressure range 0.3 kg/cm ² to 4.0 kg/cm ²
16	Total No. of faucets : Three (Two Chilled & one normal)
17	Some built in safety mechanism like electronic Eye to monitor the purification process and stop the flow of water with the solenoid valve, if purification is inadequate.
18	The company should be ISO:9001 Certified

Technical compliance table
Tender No.IIT/WW/TEN/2018-19/36 Dt: 03.01.2019

SI No	Specifications sought by IIT Kharagpur	Whether the bidder is complying with IITS specification (yes/no)	Whether claim supported by documentary evidence/ literature ? (yes/no)
1	The bid should be for a standard model of the manufacturer already getting sold in the market for at least six months.		
2	Compact design, single water cooler with inbuilt purifier unit having maximum dimension within W=740-770mm , D=540-580mm, H= 1300-1500mm (WXD _X H)		
3	Tough, hygienic and durable body Storage cooler cum purifier is unique in terms of its construction. The entire body is corrosion resistant which prevents rusting and helps maintain hygiene standards.		
4	At least 3 stage purification process comprising of : Stage 1; The micro porous , heavy duty sediment filter candle of polypropylene and silver impregnated activated carbon to remove physical impurities like dust , dirt , clay particles etc. Stage2:specially – treated activated – carbon to remove chlorine along with its by products and other organic impurities :thus reducing unpleasant odour , taste and color , Stage3: ultraviolet treatment to effectively inactivate all known pathogens in water Refrigeration system: fro faster and effective cooling .		
5	To ensure you have 100% safe drinking water , the water ,the water is filtered ,cooled and purified at the outlet using an advanced , internationally proven ultraviolet technology , leaving no chance for recontamination		
6	Natural salts and minerals should be retained in the output water		
7	Working voltage range: 170-260 volts , single phase AC, 50Hz		
8	Power rating of the machine :not more than 1000W		

9	Power line should be provided with 3 pin plug top and proper earth connection		
10	Water cooling capacity (minimum) : 60-80 Litres/ Hour		
11	Water storage tank capacity : 100-120 liters (min)		
12	Storage tank material SS304		
13	Refrigerant: R134 a or any other environment friendly, pure refrigerant.		
14	No of purifier circuits (Min) : Three		
15	Inlet water pressure range : system should work in the pressure range 0.3 kg/cm ² to 4.0 kg/cm ²		
16	Total No. of faucets : Three (Two Chilled & one normal)		
17	Some built in safety mechanism like electronic Eye to monitor the purification process and stop the flow of water with the solenoid valve, if purification is inadequate.		
18	The company should be ISO:9001 Certified		

Signature & Seal of the bidder :

General terms and conditions :

- (1) Timeline :
 - Last date of submission of sealed bids : 06.02.2019 by 3.00 P.M.
 - Date of opening of the technical bids : 06.02.2019 at 3.30 P.M.
 - Date of opening of price bids : To be notified on a later date
- (2) Payment terms:

90% payment shall be made after successful installation and commissioning duly certified. Balance 10% may be released against submission of performance Bank Guarantee (PBG) to the total purchase order value. The performance Bank Guarantee should be issued any National Bank and validity of the PBG will be one year from the date of issue.
- (3) Warranty:

The water cooler cum water purifier shall be covered under on site comprehensive warranty for a period of 12 months from the date of successful installation.
- (4) Comprehensive Annual Maintenance contract (CAMC):

The supplier participating in the tender will have to undertake the comprehensive Annual Maintenance of the supplied equipment for a period of five years (1+4). The units will be covered under warranty for a period of one year after successful installation (free of cost). The subsequent four years shall be under CAMC and the cost shall be quoted separately year wise. No extra amount on any account shall be payable over and above the CAMC rate.

The charges shall be payable after every one year interval. On successful completion of the work . The CAMC will comprise of following .

 - (i) Scheduled preventive maintenance :

This is to be carried out every six months interval . In this time the activated carbon block and sediment filter is to be replaced, the refrigeration circuit is to be serviced. A maintenance schedule is to be submitted in technical bid.
 - (ii) Breakdown maintenance:

The breakdown of the equipment is to be attended throughout the year & within 48 hrs. of break down call register . All the materials required for repair / replacement of any of the component / system shall be arranged by the supplier . All the parts to be used shall be sourced from OEM only and shall have to be approved by IIT Kharagpur before use.
- (5) Delivery of stores:

Within 30 days from the date receipt of the purchase order.
- (6) Tender fee:

A tender fee Rs 1000.00 (Rupees One thousand only) have to be submitted along with the bid in the form of Demand Draft drawn in favour of IIT Kharagpur and payable at any nationalized bank at Kharagpur .
- (7) Earnest money deposit (EMD):

An EMD of Rs. 2422.00 (Rupees Two thousand four hundred twenty two only) be submitted along with the bid in the form of demand draft drawn in favour of IIT Kharagpur and payable at any nationalized bank at Kharagpur.

- (a) Any bid without Tender Fee and EMD will not be considered.
 - (b) EMD will be refunded to the unsuccessful vendors, who are not technically short listed and not getting the supply/ purchase order.
 - (c) The EMD will be refunded to the select vendor executing the purchase order, after successful completion and execution of the work/supply and installation. The institute reserves the right to withhold or confiscate the EMD in the event of failure to supply the items in part or full or incomplete installation, once the purchase order is accepted.
 - (d) No interest is payable on refund of EMD.
 - (e) The tender fee and EMD should be enclosed inside the envelope of the technical bid.
- (8) Price: The price quoted should be in Indian rupee and it should include basic price ,GST, Packaging freight and installation at site.
 - (9) The bidder participating in the tender shall be either OEM or their authorized distributor . Authorized distributor will have to submit a valid certificate in this regard from the OEM.
 - (10) Extra features: if the bidder provides any other extra features on the machine which are not mentioned in the specifications (which otherwise comes as a composite package) over and above the requirement , then that should be highlighted in clear terms, with documentary evidence / literature.
 - (11) Compliance List: A compliance list against the technical specifications must be provided, to be put in the technical bid envelope.
 - (12) Installation and commissioning : Free of cost at IIT,Kharagpur . The vendor must ensure timely installation of the equipment with necessary support to the water works section IIT Kharagpur , as per details and lists to be made available by the Institute Works.
 - (13) Validity : The rates quoted shall be treated valid for at least 90 days from opening of the price bid and subsequently for a period of six months once the purchase order is placed . Institutional discount or any budget/cost relief or benefit for downward revision of prices should be extended to the IIT.
 - (14) Conditional Offer will not be accepted. Tenders in which any of the particulars and prescribed information is found inadequate or incomplete in any respect in any respect or the prescribed conditions are not fulfilled are liable to be rejected.
 - (15) Past performance of the bidders will be judged at the time of technical Evaluation.
 - (16) The Institute does not bind itself to offer any explanation of those bidders whose technical bids have not been found accepted by the Evaluation Committee of the Institute.
 - (17) Bidders should enclose the following documents :
 - (a) Proof of supply of similar model of compact water cooler cum purifier during past 3 years
 - (b) Income Tax Return for past three financial years.
 - (c) Copy PAN and GST Registration Number
 - (d) Copy of printed product literature for the standard model , for which the price has been quoted

- (e) Signed copy of the tender document with company seal agreeing to the terms and conditions
- (18) Opening of Price Bids:
The price Bid(s) of only those vendor(s) who are found technically qualified will be opened and the same will be opened before the technically qualified vendor(s) Tenderer or his authorized representative (with proper authorization letter for opening of price bids)may choose to be present at the time of opening of price Bids.
- (19) Bid Evaluation criteria:
(i) The bidder s shall clearly mention the make and model of the water cooler cum purifier offered by them and shall enclose relevant catalogue and leaflet of the same containing detailed specifications .
(ii) Bidder must have its service center (s) within Midnapore (west) district and Kolkata . (provide documental evidence)
(iii) The company must have sales record within 50 km of IIT Kharagpur during the past three years . Necessary documents should be attached in support of the claim.
(iv) The bidder shall offer equipment strictly conforming to IIT s specifications and requirements indicated above. The offers not meeting any of above requirement are liable to be rejected.
(v) Bidder should submit separate sealed bid for technical & commercial. Tender fee EMD should be included in technical bid only, failing which bid should not be entertained.
(vi) Water works section reserves the right to accept or reject any or all tenders in full or in part without assigning any reason. If any dispute arises, decision of the Director, IIT Kharagpur will be final.
- (20) IMPORTANT :
a. For queries pertaining to this bid document , correspondence be addressed to Sr. Executive Engineer , water works section , Indian institute of technology , Kharagpur - 721302
b. In case the due date for accepting the tender happens to be a holiday, the same will be accepted on the next working day. The timings will however remain unchanged.

Sr. Executive Engineer
Water works section
IIT Kharagpur

Declaration: I/we do hereby accept all the terms and conditions laid down in the tender notice for the above said supply. I/ we also agree to the condition that the right to suspend the tender processor part of the process thereof at any time without assigning any reasons thereto is reserved by the competent authority of the institute without any obligation or liability whatsoever.

Date :

Signature of the Bidder/ Manufacturer with date and seal

TO BE TYPED ON THE LETTER HEAD OF THE BIDDER /MANUFACTURER
.....

COMMERCIAL BID

To
The Sr. Executive Engineer
Water Works Section
IIT Kharagpur

Subject: Providing & commissioning of compact drinking water cooler cum purifier for Main Building near CDC

Ref: IIT/WW/TEN/2018-19/36 Dt. 03.01.2019

Sir,

I /we do hereby submit our commercial bid for the furniture items against the tender notice under reference.

[Mention all figures in Indian rupees, include all charges]

Sl No	Description	Unit	Basic rate	GST	Other charges, if any	Total price per unit
1	Compact drinking water cooler cum purifier (as per specifications' detailed in annexure-I)	Each unit				

Validity of offer:

Declaration: I / we do hereby accept all the terms and conditions laid down in the tender notice for the above said supply. I/we also agree to the condition that the right to suspend the tender process or part of the process, to accept or reject any or all the tenders at any stage of the process and / or to modify the process or any part thereof at any time without assigning any reasons there to is reserved by the competent authority of the institute without an obligation or liability whatsoever.

Date :

Signature of the bidder / manufacturer
With date and seal