

Tender No.:

**Dr. Panjabrao Deshmukh Krishi Vidyapeeth,**  
Krishi Nagar, Akola 444 104, Dist. Akola (M.S.)

## e - TENDER FORM

*for the purchase of*

## **RO Water Purification System**



**FACULTY OF AGRICULTURAL ENGINEERING,**  
KRISHI NAGAR, Dr. P. D. K. V., Akola (Maharashtra)

Phone : (0724) 2258405

Email. : dean\_agengg@pdkv.ac.in

## **e - TENDER FORM**

**For**

### **RO Water Purification System**

**Tender Enquiry No. : DNE/Pur.-RO/ /2020**

<b>Email</b>	<b>dean_agengg@pdkv.ac.in</b>
<b>Web site</b>	<b><a href="http://www.pdkv.ac.in">www.pdkv.ac.in</a></b>
	<b><a href="http://www.mahatender.gov.in">www.mahatender.gov.in</a></b>
<b>Tel Ph</b>	<b>Office      0724 – 2258405</b>

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**Dr. PANJABRAO DESHMUKH KRISHI VIDYAPEETH**  
**KRISHI NAGAR, AKOLA, PIN 444104 (Maharashtra)**  
Gram : KRISHINAGARI, AKOLA  
Telephones : Office 0724 - 2258405

No. DNE/Purchase/ RO/ 180 / 2020

Date: 7<sup>th</sup> August, 2020

## **e -TENDER NOTICE**

**Website: [www.pdkv.ac.in](http://www.pdkv.ac.in)**

Sealed tenders are invited superscripted Supply of "**RO Water purification System**" due on 31<sup>th</sup> August, 2020 at **15.00 hours**. Earnest Money Deposit (EMD) is Rs. **10, 000/- (Rs Ten Thousands only) of total cost of equipment**. The cost of tender form is Rs.1000/- (Rs One Thousands only).

Important Notes for Tender Bidders

<b>Tender Enquiry No.:</b> F.No. /RO/2020	
<b>Published Date</b>	<b>18.08.2020 at 11:00 AM</b>
<b>Bid submission start date</b>	<b>20.08.2020 at 11:00 AM</b>
<b>Technical bid opening date</b>	<b>01.09.2020 at 2.30 PM</b>
<b>Bid Validity</b>	<b>At least 30 days from the date of Technical Bid opening</b>
<b>Tender Fees</b>	<b>Rs. 1000 /-</b>

**EMD Amount: Rs. 10,000.00 /- (Rs. Ten thousand only)**

Tender documents containing specification and details can be obtained from the University website [www.pdkv.ac.in](http://www.pdkv.ac.in) or [www.mahatender.gov.in](http://www.mahatender.gov.in) w. e. f. 18<sup>th</sup> August 2020 on all working days between **10.30 to 15.30 hrs** on payment of cost of the tender form either by e-payment in favor of The Comptroller, Dr. PDKV, Akola (**Non-refundable**). Tender forms will not be supplied through in person or by post. The e-tenders will be opened on **1<sup>st</sup> September 2020 at 16.00 hrs** in presence of tenderers or their authorized representatives, if possible.

Tender documents can also be downloaded from our Website: [www.pdkv.ac.in](http://www.pdkv.ac.in) and submit through [www.mahatenders.gov.in](http://www.mahatenders.gov.in) portal with all required documents.

**Dean,**  
**Faculty of Agricultural Engg.,**  
**Dr. P D K V., Akola**

## TENDER FOR SUPPLY OF “RO WATER PURIFICATION SYSTEM”

Tender Sr. No. \_\_\_\_\_

Price: Rs. 1000/-

Issued to \_\_\_\_\_

Money Receipt No. \_\_\_\_\_ Date \_\_\_\_\_

Signature of the cashier with office stamp: \_\_\_\_\_

### **e - FORM OF TENDER**

**To**  
**The Dean,**  
**Faculty of Agricultural Engineering,**  
**Dr. P. D. K. V. Akola**

Dear Sir

1. In response to the tender notice published online on Government of Maharashtra website [www.pdkv.ac.in](http://www.pdkv.ac.in) / [www.mahatender.gov.in](http://www.mahatender.gov.in) on Date.\_\_\_\_\_. I/We submit herewith the tender form for the supply of “**RO Water Purification System**”.
2. I/We have thoroughly examined and understood the terms and conditions of the tender contained in Appendix-I and we agree to abide by them in full.
3. I/We offer to undertake the supply of equipment/instrument “**RO Water Purification System**” and quoted the rates inclusive of all taxes, freight, etc. F.O.R. Krishi Nagar, Dr. PDKV, Akola or as mentioned in tender terms & conditions as given in Appendix-II. It is agreed that no additional charges other than those mentioned in word be payable to me/us.
4. I/We accept that, the rates offered should remain valid for a period of at least one months for “**RO Water Purification System**” from the date of execution of agreement. I/We further agree that, if the date up to which the offer would remain open be declared as holiday for office, then offer will remain open for acceptance till next working day.
5. I/We shall be bound by communication of acceptance of the offer, dispatched within prescribed time.
6. I/We accept that, the right to accept or reject whole or part of the tender without assigning any reason is reserved with the University. The decision of the University will be final and shall be binding on me/us.
7. As required by the terms and conditions of tender an amount of Rs.10000/- (Rs Ten thousands only) is paid online by me / us as Earnest Money Deposit (E.M.D.) process of e-tendering reference No. \_\_\_\_\_ dated \_\_\_\_\_ in favor of The Comptroller, Dr. Panjabrao Deshmukh Krishi Vidyapeeth, Akola.
8. I/We agree to undertake to supply of “**RO Water Purification System with Accessories and Installation**” at location of office mentioned in final supply order and as per the specifications of the final orders within 30 days from the date of firm order.

9. As rates are valid up to six months for **“RO Water Purification System”**. I/We also agree to undertake to supply **“RO Water Purification System”** full or in part at Dr. PDKV, Akola.
10. **As per the terms and conditions, (Part-I of Appendix-I) I/We are submitting our offer in two sealed envelopes enclosed in envelop No. 3. Envelop No. 1 contains documents as per the condition Sr.No.15 of Part-I of Appendix-I. Envelop No. 2, includes rates quoted by me/us in Appendix-II.**
11. I/We also agree that University has full rights to open/consider the second envelope if and only if University satisfies with information contents in envelope No. A. The decision of the University regarding this will be final and will be binding on me/us.
12. I/We hereby declare that the entries made in this tender form, i.e. in Part II and Part III of Appendix-I and Appendix-II are binding for me/us. I/We shall be bound by the Act to my/our authorized representative duly constituted Attorney Shri \_\_\_\_\_ whose signature is appended hereto in the place specified for the purpose and of any other person who in future may be a appointed by me/us in his place to carry on the business of this concern/agency/firm. The intimation of such change will be given to The **Dean, Faculty of Agricultural Engineering, Dr. PDKV, Akola (M.S.)**.
13. I/We hereby take the responsibility of supplying the **“RO Water Purification System”** at their location with warranty period of one year. I/We hereby take the responsibility to provide the after sale service for at least one year after the supply of **“RO Water Purification System”**.
14. Non submission of documents mentioned in the check list as per Sr.no.10 will lead to rejection of form. No technical bid will be considered further.
15. Technical literature of the item from manufacturer of item along with model should be attached with technical bid envelop.

The following documents duly filled in and signed, are enclosed along with the Part-I being the terms and conditions is retained by me/us for my/our information and record.

Yours faithfully,

Place: \_\_\_\_\_

Date: \_\_\_\_\_

**Signature of the Supplier**

Capacity in which signing: \_\_\_\_\_

Name and Address of the firm/supplier: \_\_\_\_\_

Registration No. of Supplier: \_\_\_\_\_

List of Documents:

i.

ii.

iii.

iv.

v.

vi.

1) Part-II of Appendix - I and Appendix - II.

2) Bank Draft No. \_\_\_\_\_, Dated \_\_\_\_\_, Rs. \_\_\_\_\_

Signature of constituted  
Attorney / authorized representative

Signature \_\_\_\_\_ Date \_\_\_\_\_

Name & Address \_\_\_\_\_

\_\_\_\_\_

## APPENDIX-I

### Terms and conditions governing “Supply of **RO Water Purification System**”.

#### Part-I

1. Sealed Tenders are invited from manufacturers / authorized dealers of manufacturers / authorized suppliers / dealers of overseas who are willing to undertake supply of “**RO Water Purification System**” as per the specifications mentioned in Appendix – II during 10.00 hrs. to 16.00 hrs. on working days. Tenders received late in person / by post will not be considered. The tenders will be opened on next day of closing date at 11.00 hrs. in the presence of the intending suppliers who may desire to attend.
2. The rates, both in words and figures without any corrections or overwriting should be quoted in Appendix-II for each individual item separately. Overwriting rates will lead to rejection of tender at financial bid stage.
3. Validity of Rate Contract: The rate contract will be valid up to six months after the acceptance of the tender.
4. The tender should have detailed original printed technical literature and photographs of items (Xerox and attested copy will not consider), specification and make quoted in the tender, specification given in the offer must match to the printed technical literature otherwise the offers shall be rejected. The preference will be given to (a) Manufacturers, (b) Authorized Reseller of overseas manufacturers, (c) Authorized Dealers of manufacturers and (d) Authorized suppliers.
5. Manufacturer’s Authorization Form as mention in Part –III of Appendix-I is compulsory for each tenderer. On the date of technical bid opening you will have to produce original authorization certificate.
6. In case if the proper comparison is not possible as per the tendered specification, the purchase committee reserves the right to finalize the item and reject the lowest one, if equipment is incomplete in the sense of accessories and software etc, if valid comparison is possible among the available price bids for that equipment/instrument. Therefore, the technical and price bids for the “**RO Water Purification System**” of all makes are also invited subject to fulfilling the specifications mentioned in the tender.
7. University will accept the tender for items mentioned in Appendix-II from only (a) Manufacturers, (b) Authorized Reseller or dealer of overseas manufacturers, (c) Authorized Dealers of manufacturers and (d) Authorized supplier for the supply of “**RO Water Purification System with Accessories and Installation**”. Such agencies must enclose adequate documents to prove their claims. University reserves the rights to accept or reject tenders of these agencies. The decision of the University regarding this will be final and shall be binding on tenderer.
8. University will not accept the assembled equipment’s, or any other assembled items.
9. Tenderers will have to supply equipment/instrument manufactured by any one of the reputed companies or groups and not of local brand name or assembled.
10. The University reserves the right to accept or reject the items other than the mentioned in Appendix II.



11. Tenderer may enclose published report of comparative study of his quoted items, which will give additional weightage to his quoted price.
12. The tenderer should quote the rates only in Appendix II of the tender form issued by this office and not on any other form.
13. Installation and successful demonstration of equipment in the department is compulsory.
14. The tenderer should submit his offer in two separate envelopes.
15. The tenderer should provide the following documents in first envelop with superscription **“TENDER FOR SUPPLY OF RO WATER PURIFICATION SYSTEM” (INFORMATION) ENVELOPE NO.1**

Sr. No.	Items
1.	Covering letter for tender on the company letter head mentioning official address, contact No. Email address and website if available) and list of items for which they are participating in tender.
2.	EMD Exemption certificate (if applicable)
3.	GST registration certificate.
4.	GST Clearance Certificate (e.g. from 415 in case of Bidders from Maharashtra) or copy of application submitted to concerned authority for issuing tax clearance certificate
5.	Income Tax returns or balance Sheets for last three financial Years
6.	Authorization certificate from manufacturer. (FORMAT 1)
7.	No deviation certificate in prescribed pro-forma only. (FORMAT 2)
8.	Undertaking of delivery from manufacturer within prescribed period (FORMAT 3)
9.	Undertaking for demonstration from manufacturer (FORMAT 4)
10.	Undertaking by bidder about risk purchase, fall clause, penalty clause (FORMAT 5)
11.	E.M.D. payment online reference proof.
12.	Part-II of Appendix-I

16. The tenderer should provide the rates quoted only in Appendix-II in second envelop with superscription **“TENDER FOR SUPPLY OF RO WATER PURIFICATION SYSTEM” (RATES) ENVELOPE NO. 2.**
17. **Place sealed envelope No.1 and 2 in envelope No.3 and submit to the undersigned.**
18. **The intending supplier should quote the rates inclusive of all expenses, charges, taxes, duties, transportation, packing and forwarding, insurance, installation, etc. i.e. All “Inclusive” with free delivery as mentioned in Appendix-II at Dr. P. D. K. V., Akola.** The “RO Water Purification System with Accessories and Installation” will have to be supplied as per the specifications within **FOUR WEEKS** or as per the last date mentioned in the final supply order.
19. University will reserve full rights to open/consider the second envelop if and only if University satisfied with information contents in envelop No.1. The decision of the

University regarding this will be final and shall be binding on tenderer.

20. **The tenderer will have to deposit 3% of the total cost of the equipment ordered at the time of final order as the security deposit.**
21. If the RO Plant is not provided within stipulated time limits, deduction @ 1% of the total cost of order value per week for extra time taken and will be deducted from the bill. However, the Vice Chancellor, Dr. Panjabrao Deshmukh Krishi Vidyapeeth, Akola may condone/relax this penalty and may grant extension upto the time limit as deem fit by him, provided the tenderer applies and satisfies about genuineness of the reasons for delay in supply of articles.
22. The tenderer shall have to deposit Earnest Money Deposit (E.M.D.) through online e-tendering process to comptroller, Dr. PDKV, Branch Akola and the same should be enclosed along with the tender. **The tender without E.M.D. will not be considered at all.** The amount of E.M.D. will be refunded in case of unsuccessful tenderer on submission of plain application with Receipt in original soon after the final decision. In case of successful tender, it will be refunded on production of original receipt after completion of validity period of the agreement to be essential between the tenderer and the undersigned.
23. The Specimen of “Agreement Bond” will be provided along with letter of acceptance to the tenderer whose rates are accepted by the University. The tenderer shall have to execute agreement in the prescribed form on Government Court Fee Stamp paper costing to Rs.100/-, which should be submitted to this office within specified time. The agreement received under seal and signature of tenderer will become legal agreement between the tenderer and the University, which will be binding on tenderer.
24. If the successful tenderer fails to comply with the supply order within the specified period or only part supply is made, the **Dean, Faculty of Agricultural Engineering, Dr. PDKV, Akola** or respective authority or any officer authorized by him/them, will arrange for the alternative arrangement through any other supplier or agency at risk, cost and expenses of the said tenderer, who shall have to bear and pay all additional expenditure incurred by the University in that behalf.
25. Successful tenderer will have to furnish **security deposit @ 3% of total cost** of the items accepted by the University as offered in the tender.
26. The amount of Security deposit without any interest there on will be returned to the tenderer after 12 months or the expiry of the warranty period whichever is late from the date of supply.
27. The quantity mentioned in Appendix II of this tender is subject to variation according to actual requirement of this University. The quantity may vary in case of competitive market rates. The right to enhance or reduce the quantity of any tendered item and right to accept/reject whole or part of any tender, without assigning any reason, whatsoever, is reserved by this University. The decision of the University will be final and it shall be binding on the tenderer.
28. On acceptance of the rates as per the approved tender and after completing necessary official formalities, the tenderer will be informed about the acceptance of his tender.
29. As soon as the tenderer delivers the tender in the office of the undersigned, it shall be binding on him and he shall not be able to withdraw or amend the offer.

- 30. University also reserves the right to obtain the articles by negotiations from one or more of the tenderer, if in case the rates, quality, make, specification or other terms and conditions etc. of tenderer are not found suitable to this University.**
31. The university also reserves the right to accept or reject the supplies in full or in part which do not strictly stick up to the specifications or to accept the material/articles supplied with slight variations in specifications or with a condition that the rates accepted shall be reduced at such rates as the competent authority of the University may deem fit, looking to the variations and that such rates shall be binding on the tenderer.
32. University reserves the rights to accept or reject – higher version of RO plant etc. or any other items under the same terms and conditions and same price quoted by tenderer in Appendix-II.
33. In case of successful tender, the University for fulfillment of terms and conditions of tender shall retain the amount of Earnest Money Deposit (EMD) deposited by him. The University will not make any payment towards interest on such deposits.
34. In case of poor response from the suppliers, for the first call, the date of opening of tenders shall be extended further to a maximum of two times. The tenders received up to last call, will be opened and considered by the **Dean, Faculty of Agricultural Engineering, Dr. PDKV, Akola.**
35. Final payment of “RO Water Purification System with Accessories and Installation” will be made only after installation and successful demonstration of the equipment at the department in the university.
36. The credit bill should be presented in triplicate in the name of respective authority as quoted in final supply order. For any delay in payment (interest or any other kind of compensation) the University will not make any extra payments. This contract will be governed as per terms and conditions mentioned above, Agreement made and the provisions contained in M.A.U. Account Code, 1991. Delay in supply within the prescribed time limit or the extended time limit, making of supplies not up to the standard specification and performance or non-observance or non-acceptance of these terms and conditions by the tenderers shall constitute breach of contract and the security deposit or any other deposit of the tenderer shall be forfeited by the University besides other actions or reduction bills of supplies and/or other legal actions and finally the decision of the University shall be binding on the tenderer.
37. The right to accept or reject whole or part of the tender or all tenders without assigning any reasons thereof is reserved by the University.
38. Firm also give certificate self-attested, that, his/her company or sister company is not black listed in any department or institute in India & also mentioned that his company is not having any legal case in any of the institute in any matter & his owners or partners/directors has never being legally prosecuted, & in any legal dispute with any government department.
39. User list and detail contact address should be attached.
- 40. Terms of Delivery:** Rates shall be quoted and delivery made FOR destination for imported items, custom clearance agent charges shall have to be borne by the suppliers.

41. Supplies shall be covered by insurance.
42. **Other Taxes:** As applicable.
43. **Delivery Period:** Supply order shall be executed within four weeks after receipt of the supply order.
44. No advance payment will be made.
45. The installation of the equipment, whenever required, shall be at the risk and responsibility of the supplier and payment shall be released only after installation and demonstration of satisfactory working and / or performance of the installed equipment
46. **Warranty:** The equipment shall be covered by a warranty period minimum of **one year** from the date of its **satisfactory installation** at consignees' place. During the period of warranty, the supplier will provide free servicing and repairs to the equipment. This includes the transportation expenditure incurred for such repairs.
47. If any equipment or apparatus supplied is found to have any manufacturing defect and/or bad workmanship, the equipment shall be replaced at the sole risk and responsibility of the supplier.
48. **Penalty:** In case the firm fails to supply the equipment / apparatus etc. as per the supply order, make / specification and within the stipulated period, the competent authority of the University will be at liberty to forfeit the **EMD** and impose any other penalty, as may be deemed fit in case of such eventuality.
49. **Jurisdiction:** Any dispute arising between the parties (University and Suppliers) shall be settled within the jurisdiction of University.
50. Increase in prices during the rate contract period shall not be considered, thus will not affect the agreement.

Enclosures:

- 1) Part-II and Part -III of Appendix - I
- 2) Schedule of supplies in Appendix - II.

**Dean,  
Faculty of Agricultural Engineering,  
Dr. P. D. K. V. Akola.**

**Place:** Akola

**Date:**

## **APPENDIX - I**

### **Part - II**

#### **Undertaking to be given by the tenderer for supply of “RO Water Purification System with Accessories and Installation”**

The Dean, Faculty of Agricultural Engineering, Dr. PDKV., Akola has called for tenders for supplies as per the enclosed Appendix - II. I/We hereby offer our tender at the rates given in the enclosed Appendix - II, duly filled in and signed by me/us and hereby also affix my/our signature(s) below this tender voluntary and full acceptance of all the terms and conditions of this tender, which shall be the agreement between the above tender calling authority and myself/we.

Encl.: Appendix - II.

Signature of the Supplier: \_\_\_\_\_

Name of the Supplier: \_\_\_\_\_

Capacity in which signing: \_\_\_\_\_

Full address of the \_\_\_\_\_

Supplier with seal/stamp: \_\_\_\_\_

Place:

Dated:

**APPENDIX - I**  
**PART III:**  
**Manufacturer's Authorization From**

To,  
The Dean,  
Faculty of Agricultural Engineering,  
Dr. P.D.K.V., Akola

**Ref:** Your bidding Documents No.....

Dear Sir,

We who are established and reputed manufactures of..... (Name and description of the goods offered in the bid) having factories at ..... hereby authorize Messrs ..... (Name and address of the agent) to submit a bid, negotiate (as and if necessary) and conclude the contract with you against your above mentioned Bidding Documents for the above goods manufactured by us.

No company or firm or individual other than M/S ..... (Name and address of the above agent) is authorized to bid, Negotiate and conclude the contract against this specific Bidding Documents for the above mentioned goods manufactured by us.

We hereby extend our full guarantee and warranty of the General Conditions of Contract, read with modification, if any, in the Special Conditions of Contract for the goods and services offered for supply against this Bidding Document by the above firm.

Yours faithfully,

(Signature, name and designation  
with seal) For and on behalf of  
Messrs.....  
.....  
(Name & address of the manufactures)

**Note:** This letter of authorization should be on the letter head of the manufacturing firm and should be signed by a person competent and having the power of attorney to legally bind the manufacturer.

(To be printed on the letter head of the firm)  
FORMAT – I

No. \_\_\_\_\_

Date:

**AUTHORISATION LETTER**

To,

**The Dean,  
Faculty of Agricultural Engineering,  
Dr. P.D.K.V., Akola**

**Sub:** Authorization for submission of tender for \_\_\_\_\_

**Ref:** Your Tender No. \_\_\_\_\_ Due on \_\_\_\_\_

Dear Sir,

With reference to above, this is to inform you that. We, \_\_\_\_\_ are an established manufacturer/dealer for RO Water Purification System with Accessories and Installation” having factory at \_\_\_\_\_ since 19\_\_/ 20\_\_.

We do hereby authorize M/S \_\_\_\_\_ to quote and negotiate for items mentioned in tender enquiry number \_\_\_\_\_ Due on \_\_\_\_\_.

We further undertake that the whatever the materials supplied for the erection of protected structure by M/S \_\_\_\_\_ will be fully supported by us during and after the warranty period and all service calls will be attended by us / our authorized service provider promptly.

The list of Authorized service providers in India/ Maharashtra is attached herewith.

Thanking you.

For \_\_\_\_\_

Authorized Signatory of  
Manufacturer of  
items/product

Date

Place-

Name-

Designation-

(To be printed on the letter head of the firm)

**FORMAT- II**

No. \_\_\_\_\_

Date:

**No Deviation Statement**

**Mandatory to submit it with tender form**

To,

**The Dean,  
Faculty of Agricultural Engineering,  
Dr. P.D.K.V., Akola**

Dear Sir,

We submit herewith no deviation statement giving comparison of our technical offer and the specifications of the items mentioned in the tender no. \_\_\_\_\_ Due on \_\_\_\_\_ Name of Manufacturer:- make & model quoted :-

Specification of materials stated in Tender Enquiry <b>step by step</b>	Specification of materials offered by Bidder <b>step by step</b>	Whether there is any deviation from the tender specification <b>Yes / No</b>	If yes, indicate clearly the deviations and your justification for deviation
1	2	3	4

Non Submission of no deviation statement dully filled in signature will be rejected.

Signature of Bidder with Seal



**FORMAT – III**

**No.** \_\_\_\_\_

**Date:**

**UNDERTAKING FOR DELIVERY**

We \_\_\_\_\_, The manufacturers of \_\_\_\_\_(name of items) do undertake to deliver the material mentioned in the tender No. \_\_\_\_\_ Due on \_\_\_\_\_ within the stipulated delivery period mentioned in the tender form.

For and on behalf of \_\_\_\_\_

Seal of the manufacturer/Supplier

(To be printed on the letter head of the manufacturer)

No. \_\_\_\_\_

Date:-

**FORMAT IV**

**UNDERTAKING FOR DEMONSTRATION**

We \_\_\_\_\_, the manufacturers of \_\_\_\_\_ (name of items) do undertake to demonstrate the material mentioned in the tender no \_\_\_\_\_ Due on \_\_\_\_\_, as and when asked by the purchasing authority.

For and on behalf of \_\_\_\_\_

Seal of the manufacturer/Supplier

(To be printed on the letter head of the firm)

**FORMAT V**

**No.**\_\_\_\_\_

**Date:**

**DECLARATION**

**To,**

**The Dean,  
Faculty of Agricultural Engineering,  
Dr. P.D.K.V., Akola**

I, the undersigned for and behalf of M/S \_\_\_\_\_ hereby accept and agree with the Fall clause, penalty and Risk purchase clause for the tender No. \_\_\_\_\_ Due on \_\_\_\_\_ as published in the manual of the office procedure for purchase of stores by the Government departments of the Government of Maharashtra.

For and on behalf of \_\_\_\_\_

Seal of the Bidder

## APPENDIX – II

### Technical Specifications for “RO WATER PURIFICATION SYSTEM WITH ACCESSORIES AND INSTALLATION”

Specifications RO Unit		
S. N.	Item	Specifications
1.	Skid	
	MOC	SSPC
	Quantity	1 No.
	Capacity	2000 LPH
	Type	Rectangle
2.	Feed Pump	
	Type	Centrifugal
	Quantity	1 No.
	MOC	SS304
	Capacity	2000 LPH
	Pressure	3.5 Kg/cm <sup>2</sup>
	Power Consumption	1.1 KW
3.	Pressure Sand Filter	
	Type	Vertical
	Diameter	15''
	Height	58''
	MOC	SS 304
	Media	Gravels 3 type, Sand, Fine Sand
	Type of Operation	Auto
	Back wash Time	15 minute
	Size of multi port valve	1''
4.	Pressure Carbon Filter	
	Type	Vertical
	Diameter	15''
	Height	58''
	MOC	SS 304
	Media	Gravels 3 type, Sand, Fine Sand, Carbon
	Type of Operation	Auto
	Back wash Time	15 minute
	Size of multi port valve	1''
5.	Anti Scaling dosing system	
	Pump	1 Set
	Quantity	1
	Type	Electronic Diaphragm Type
	Capacity	Up to 4 LHP
	Quantity of Tank	1 Nos.
	Capacity of Tank	100 Liters
	MOC of Tank	HDPE
6.	Wound Filter Housing	
	Flow rate	6 m <sup>3</sup> /h
	MOC	SS

	Length of Housing	20"
	Diameter of Housing	2.5"
	Element	3
	Quantity of Cartridge Housing	1 No.
	Type of Filter	Wound Filter
7.	Micron Cartridge Filter Housing	
	Flow rate	6 m <sup>3</sup> /h
	MOC	SS
	Length of Cartridge	20"
	Dia. of Cartridge	2.5"
	No. of Cartridge	1 SET
	Element	3
	Rating	5 Micron (1 SET)
	Type of Filter	Poly Poplin
8.	Pressure Pump	
	Type	Vertical centrifugal multi stage
	Quantity	1 No.
	Make	CNP
	MOC	S 304
	Power consumption	2.2 KW
	Flow	5 m <sup>3</sup> /h
	Pressure	7-8 Kg/cm <sup>2</sup>
9.	Pressure Tube	
	Item	RO module consisting of membrane Housing with RO membrane mounted on skid
	MOC	SS 304
	Dia.	8"
	Length	82"
	Quantity	1 No.
10.	Membrane	
	Type	TFC POLYMIDE
	Size	8 x 40"
	Qty.	2 Nos.
	Rating	0.0001 Micron
11.	Storage Tank	
	MOC	SS 304
	Capacity	2000 Liters
	Quantity	2 Nos.
	Type	Vertical
12.	Recycling Pump	
	Type	Centrifugal
	Quantity	1 No.
	MOC	SS 304
	Capacity	2000 LPH
	Pressure	0.5 Kg/cm <sup>2</sup>
	Power Consumption	0.33 KW
13.	Ozonator	
	Ozonator	2.5 g/h

	Type	Corona Discharge
	Cell MOC	SS 316 Electro Polished with Dielectric
	Quantity of Cells	2 Nos.
	Power Supply	High Frequency High Voltage Circuit
	Instruments	Amp. Meter, Flow Meter
	Indicator Lamps	Power, Fuse, Ozone On
	Ozone Injector	SS 316 electro polished Ejector ¾" BSP connection with SS NRV
	Weight	Approximately 50 Kg.
	Size	28 x 12 x 17" (HDW) Approximately
	Ozone Output	2.5 g/h
	Air Flow	1-5 LPH
	Ozone Concentration	40 g/m <sup>3</sup>
	All Contact Parts	In SS 316
	Ozone Tube	Teflon ¼" X 5 meter Long
	Supply Fuse	2 Amp.
	Power	300 W
14.	Ultra Violet System	
	MOC of Housing	SS 316
	Lamp Length	36"
	Lamp Watt	75 W
	Lamp Life	16000 h
15.	Final Poising Filter	
	MOC	SS 304
	Micron	0.22
	Length	20"
	Diameter	2.5"
16.	CIP System	
	CIP Pump	0.5 hp.
	MOC	SS316
	Filter	Filter Housing 20", 2.5" diameter Cartridge 1 Micron
	Tank	Capacity 100 Liters
	MOC	HDPE
	Quantity	1 No.
17.	Transfer Pump	
	Type	Centrifugal
	Quantity	1 No.
	MOC	SS 304
	Capacity	2000 Liter
	Pressure	2 Kg/cm <sup>2</sup>
	Power Consumption	0.33 KW
18.	SS Extra Pipe line	
	MOC	SS 304
	Size	½" to 1 Inch
	Where	RO Plant to End Point
19.	Water chiller	
	Operating pressure	3-4 Kg/cm <sup>2</sup>

	Temperature	10-15°C
	Capacity	3 TR
	Quantity	2 Nos.
20.	Digital Conductivity or TDS Meter	
	Quantity	1 No.
21.	Flow Indicators	
	Quantity	3 Nos.
	Type	Float type panel mounted
	Max. operating temp.	40 °C
	Measuring points	RO module product, waste and waste flow
22.	Pressure gauges	
	Quantity	5 Nos.
	Range	0-4 and 0-35 Kg/cm <sup>2</sup>
	Location	Feed pump, dual media filter, micron filter and high pressure pump
23.	Pressure switch	High and low pressure switch
	Quantity	One each
	Location	Before and after pressure pumps
24.	Pressure control valve	
	Type	Globe valve
	Quantity	1 No.
	Location	Reject water line
24.	Auto flushing switch with solenoid valve	
26.	Water stop solenoid valve	
27.	Floating valves for raw and final water	
28.	Micro base electronic electric panel digital display with indicators with indicators and on-off switch	
29.	GSM data base	

Date: / /2020

**Signature of Supplier  
Name and Address**

## TECHNICAL BID

Sr. No	Details of Technical Specifications	Whether complied with YES/NO	If yes, please attach Tech literature of the equipment duly printed & clearly specify page No of Bulletin which specifically confirm this	If no, attach deviation statement	Remarks (if any)

**NOTE:** All the bidders are requested to provide true statement in the columns. Concealing of facts will liable to be rejected the tender completely. No communication will be made in this regard.

All the bidders are requested to submit the copies of all the supporting documents separately if they are participating in more than one equipment.

**Signature of Tenderer**



**Annexure –A**

***PERFORMANCE STATEMENT FOR LAST 3 YEARS***

*Must be enclosed of all the quoted equipments, otherwise the tender will not be considered.*

<b>Sr. No.</b>	<b>Name of the items</b>	<b>Name of the office by whom order was placed</b>	<b>Order No. &amp; date (Please enclose copy of supply orders)</b>	<b>Value of supply order</b>	<b>Delivered in time or not</b>	<b>If not please specify the reason</b>	<b>Attach satisfactory working report from each office (Yes/No)</b>

**Signature of Tenderer**

***CERTIFICATE TO BE SIGNED BY THE TENDERER***

***CERTIFICATE***

It is certified that I have read and understood and will comply all instructions contained in tender enquiry and its schedule. All pages of schedule to tender from page \_\_\_\_\_ to \_\_\_\_\_ have been filled properly and signed.

**Signature of tenderer:**

**Name in block letters:** \_\_\_\_\_

**Name of firm** : \_\_\_\_\_

Full address : \_\_\_\_\_

i) Telephone No. : \_\_\_\_\_

ii) Mobile No. : \_\_\_\_\_

iii) Fax No. : \_\_\_\_\_

iv) Email id : \_\_\_\_\_

v) Website : \_\_\_\_\_

**Signature of Tenderer**

## Annexure – C

### Check list for Tenderers Before submission of tender documents, Tenderers should check they have complied with the following requirements: -

Sr. No.	Requirements to be checked before submission of the tender	Compiled (Please indicate) Yes after complying with the
1	Cost of Tender has been enclosed with tender document, if downloaded from website. If not, then supporting documents proving exemption to this enclosed.	
2	Earnest money Deposit (EMD) e-payments proof has been enclosed.	
3	Copy of valid enlistment certificate with DGS&D in the case of Indian Agent enclosed only in case the bid is for item falling in the restricted list of the Export & Import Policy of Govt. of India.	
4	Copy of trade registration certificate from the RBI /Ministry or department concerned in the case of foreign subsidiary firm	
5	Enclose sales tax registration certificate and PAN No.	
6	Complete tender documents have been enclosed, after signature & stamping on ALL pages.	
7	Signatures of witness with full name and address have been added whenever required on tender document.	
8	Proposal has been submitted in two bid systems – Technical Bid & separate price Bid as per tender enquiry.	
9	Offer validity as required in tender has been accepted & clearly mentioned in tender document.	
10	Delivery Terms & Period as per tender have been accepted and mentioned in tender.	
11	Payment Terms as per tender have been accepted and mentioned in tender.	
12	Compliance statement as per chapter-IV has been enclosed along with supporting technical documents /proof for each point/parameter clearly showing it is complied with or not.	
13	Performance statement for 3 years as required in tender, in the laid down format as per annexure-I, has been enclosed. If not, reasons to be specifically given in writing.	
14	Warranty terms as per tender accepted.	
15	Annexure-II regarding compliance of all conditions mentioned in the tender form has been enclosed.	
16	Status of tenderer has been clearly written in tender – manufacturer or manufactures authorized agent. If authorized agent, valid latest agreement authority letter/agreement for	
17	Free Training on use of equipment after supply, as specified tender, has been accepted in writing.	
18	Technical and financial bid along with necessary documents have been sealed in separate envelops and both envelops again sealed in a big envelops with prescribed writing on envelops.	
19	The tenderer has clearly mentioned in writing that business dealings with their firms have not been banned by any Govt./Private agency.	
20	If the tenderer wants to mention any specific condition, it must be mentioned on the covering/forwarding letter only which will be placed on the first page of the technical bid. Such	
21	The tender from principle firm and authorized dealer / agent will not be accepted together	
	<b>Signature of Tenderer</b>	

## Online Bid Submission Details

The Online bids (complete in all respect) must be uploaded online in Two Covers as explained below:-

<b>COVER – I</b> (Following documents to be provided as PDF file)			
Sr. No.	Documents	Contents	File type
1	<b>Technical Bid</b>	Technical Compliance sheet with technical supporting documents as per specification Appendix -II mentioned	.PDF
2		Copy of Sales Tax/VAT Registration, Income Tax PAN, Registration with DGS&D	.PDF
3		Copy of Earnest Money Deposit by way <b>NEFT or Online Banking Transaction details.</b>	.PDF
4		Copy of certificate for Bid Security exemption, if claiming.	.PDF
5		Self-declaration in letter head that the bidder is the Original Equipment Manufacturer, Authorized Dealership license issued from the Original Equipment Manufacturer, in case of dealers, Users list.	.PDF
6		Details of technical support and servicing facility available locally and nationally.	.PDF
<b>COVER – II</b>			
Sr. No.	Type	Contents	File type
1	Financial Bid	Price bid (BOQ) to be filled in Excel format as per instructions given in price bid	.xls

All the documents and BOQ has to be digitally signed by the bidder.

**Signature of Tenderer**