

Work Order

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02-08-2016 15:51:17

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From Company : **Vista Homes**
5-4-187/3 & 4, IInd Floor, M.G.Road, Secunderabad - 500003
T I N No. : 36292192903

Supplier Details

Icon Water Solutions
C/O 49-253/1, IDA, Padma Nagar, Phasse 1, Chintal, Hyderabad - 55.
8497927928-Sreenu(M.P.)
9949989287/9052394142

Doc No	37602	44620
Doc Date	02-08-2016	
Quote No	Nil	
Quote Date	02-04-2016	
SupplyType	Supply And Installation	

Kind Attn : Mr.V.Srinivas

Work Order for the Supply of following Items.

Item Name	Qty	Rate	Dis%	VAT%	Amount
1 5038 - Equipment - machinery - R.O. Plant - other - nos 1000 LPH	1.00	220000.00	0.00	0.00	220000.00
Total Order Value . . .					220000.00

Rupees : Two Lakh(s) Twenty Thousand Only.

Terms and Conditions :-

Specification / Brand Feed pump - CRI Make,sand & corbon filter Pentair brand , membrane Polymaide USA, Other speciations as per your quote dated 02.04.16

Payment Terms 50% advance, 40% on delivery of all material and 10% on completion of Installation.

Tax All taxes included in above price.

Delivery Date Within 7 days from the date of Work Order

Delivery Location Vista Homes
Sy. No. 193, Kapra, Hyd. From ECIL take left in lane opposite MRR school
Phone. Contact: 9502211022

Penalty For Delay Nil

Transportation Cost Included in the above price.

Warranty 1 year from dt. of commissioning.

Advance Paid Advance Rs:1,10,000/- Vide ch no:002924 dated 02.08.16 of hdfc bank

Other Terms We reserve the right to reject items not conforming to quality and specifications.Amc Rs:12,000/- annum.Installation charges included in the above prices. Above order for Site Drinking purpose.

Completion Date Within 5 days from the date of Work Order

Measurment Nil

Security You shall be responsible for your material at our site against theft or damage. Lockable rooms shall be provided on request.

21/8/16

For **Vista Homes**
Authorised Signatory

Name : _____

Name : _____

Accepted the above Terms And Conditions

For **Icon Water Solutions**

Date : ____/____/____



UNIVERSAL WATER CHEMICALS (P) LTD

a wise choice for water solutions...



Sy. No. 19, Plot No. 160, Universal Bhavan, Krishna Nagar Colony, Moula-Ali, Uppal Mandal, Hyderabad - 500 040.
Ph : 040 - 6526 4118, 6999 3353 Mobile : 98498 75233, 98490 79566, 996390 5657
Email : admin@universalchemicals.co.in Website : www.universalchemicals.co.in

Ref: UWCPL/QTN/ RO-1 KL/017-03-P-1/16-17

DT: 12.04.16

To,
M/S. VISTA HOMES.
MODI PROPERTIES
HYDERABAD

KIND ATTN: Mr. HARIBABU – PURCHASE DEPT

Sub: Quotation for Reverse osmosis system with capacity of 1000 lph

Dear Sir,

We acknowledge with thanks the enquiry for Supply, installation, erection, commissioning of RO System of 1000 lph. This is reference to your above said enquiry and discussions we had with you regarding 1000 LPH R.O PLANT. We are pleased to offer our most competitive offer to produce **1,000 liters/hr.**

Needless to say that the system has been designed to give consistent permeate water quality.

Please find enclosed here with the detailed terms and conditions of the contract.

1. ANNEXURE - TECHNICAL NOTES
2. ANNEXURE - SCOPE OF SUPPLY
3. ANNEXURE - EQUIPMENT SPECIFICATIONS
4. ANNEXURE - COMMERCIAL SECTION
5. ANNEXURE - SCHEMATIC DIAGRAM

We trust you will find the above meeting your requirements.

Now we are looking forward to receive your valuable order at the earliest to enable us to meet your dispatch schedule.

Thanking you and assuring you of our best attention and services at all times.

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ANNEXURE 1 - TECHNICAL NOTES

The system being proposed by us is designed based on water parameters of your water sample.

PH - 7.12

TDS -1400 ppm

TH -425 ppm

THE SCHEME PROPOSED IN THIS SECTION IS AS FOLLOWS

FEED PUMP→SAND FILTER→CARBON FILTER→ANTISCALANT DOSING→CARTRIDGE FILTER→RO SYSTEM→ U.V.SYSTEM.

The details for process and equipment specifications are given in the other sections of this order.

The TDS of water should be reduced a major extent in the RO section. The treated water quality expected out of RO section as per ISI Standards TDS ... Between 20-50 ppm

REVERSE OSMOSIS TECHNOLOGY:

“Reverse Osmosis (R.O.) is the most economical method of removing 95% to 99% of all contaminants. The pore structure of R.O. Membranes is much tighter than that of UF membranes. RO membranes are capable of rejecting practically all particles, bacteria and organics >200 Dalton molecular weight (including pyrogens) at a rate close to 99%. Natural osmosis occurs when solutions with two different concentrations are separated by a semi-permeable membrane. Osmotic pressure drives water through the membrane; the water dilutes the more concentrated solution, and the end result is equilibrium.

In water purification systems, hydraulic pressure is applied to the concentrated solution to counteract the osmotic pressure. Pure water is driven from the concentrated solution at a flow rate proportional to applied pressure and collected downstream of the membrane.

RO also involves an ionic exclusion process. Only solvent (i.e. water molecules) is allowed to pass through the semi-permeable RO membrane, while virtually all ions and dissolved molecules are retained (including salts and organic molecules such as sugars). The semi-permeable membrane rejects salts (ions) by a charge phenomenon action: the greater the charge, the greater the rejection. Therefore, the membrane rejects nearly all (>99%) strongly ionized polyvalent ions but only 95% of the weakly ionized monovalent ions like sodium. Salt rejection increases significantly with applied pressure up to 5 bar.”

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PROCESS DESCRIPTION

At **UNIVERSAL** we take almost care to design any Water Treatment system to give required outputs at all the times. At each stage of design we are taking minute details into consideration, which can optimize the system.

The raw water is fed in the inlet of the sand filter for removing of Suspended Solids and Turbidity from the water. After Sand filter, Activated Carbon filter is provided to reduce color, odor, smell & etc., Then anti Scalent Dosing have been provided to prevent the membranes scaling due to Calcium carbonate and Calcium sulphate salts.

Then softened water is passed through the cartridge filter to reduce the SDI below acceptable limits for RO membranes i.e. 4. The cartridge filter also takes care of any foreign particle and prevents it from going to high-pressure pump to prevent the damage of high-pressure pump.

Then water is pumped at high pressure through RO block, wherein, the major quantity of dissolved salts are rejected in the reject stream and almost the pure water or permeate comes as a separate stream.

The RO system comprises of R.O. membranes housed in **FRP Pressure Vessels**. All interconnecting low-pressure shall be c-PVC and high pressure shall be Stainless Steel – SS304. Necessary instrumentation is provided to monitor the operation of the system.

Almost **all components / equipment's of the R.O. Unit will be pre-engineered, pre-wired, pre-tested and ready for use** after giving necessary interconnections. The RO block will be totally skid mounted. Each unit will be a product of high quality workmanship, skilled and experienced mechanical design.

Thus 100% pure water is ready.

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ANNEXURE 2 - SCOPE OF SUPPLY (1000 LPH R.O SYSTEM)

- | | |
|---|----------|
| 1. FEED PUMP | - 1 NO.S |
| 2. SAND FILTER | - 1 NO.S |
| 3. ACTIVATED CARBON FILTER | - 1 NO.S |
| 4. DOSING PUMP | - 1 NO.S |
| 5. MEMBRANE HOUSINGS | - 1 NO.S |
| 6. RO MEMBRANES | - 1 NO.S |
| 7. HIGH PRESSURE PUMP | - 1 NO.S |
| 8. PRESSURE GAUGES | - 4 NO.S |
| 9. ROTO METERS | - 2 NO.S |
| 10. S.S CONTROL PANEL WITH CONDUCTIVITY METER | - 1 NO.S |
| 11. S.S SKID | - 1 NO.S |
| 12. MICRON FILTERS | - 2 NO.S |
| 13. UV SYSTEMS | - 1 NO.S |

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ANNEXURE 3- EQUIPMENT SPECIFICATIONS

1. FEED PUMP

Numbers offered	:	One
Max. flow	:	5000 Liters per hour(30 M HEAD)
H.P	:	1.5 hp
Make	:	CRI/LEO.

2. SAND FILTER

Max. Treatment Flow	:	5 M ³ /hr
Max. Operating Pressure	:	2 kg/cm ²
Height on Straight	:	1350 mm
Unit Diameter	:	325 mm
MAKE	:	ADVANCED/PENTAIR
Filter Media	:	Quartz Sand
Frontal Pipe work	:	MULTI PORT VALVE WITH 1 INCH U-PVC LINES
Material of Construction	:	FRP VESSEL
Model	:	(1354 model)
QUANTITY	:	100 KGS.

3. ACTIVATED CARBON FILTER : 01NO.S

Max. Treatment Flow	:	4 M ³ /hr
Unit Diameter	:	325 mm
Height on Straight	:	1350 mm
MAKE	:	ADVANCED/PENTAIR
Filter Media	:	ACTIVATED CARBON (IV-600)
Frontal Pipe work	:	MULTI PORT VALVE WITH I INCH U-PVC LINES
Material of Construction	:	FRP VESSEL
Model	:	(1354 model)
QUANTITY	:	50 KGS.

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4. ANTISCALANT DOSING SYSTEM

Dosing pump	:	1No. (On line)
Capacity	:	Max 6 LPH
Storage tank	:	1No- HDPE.
Make	:	E-DOSE – EMBARK.
Dosage	:	100ml
Storage tank capacity	:	50 liters
Dosing Chemical	:	Antiscalant Chemical (SCALE PREVENTIVE)

5. REVERSE OSMOSIS SYSTEM

Model	:	RO – 1KL
Feed Flow rate	:	2,500 LPH
Treated Water Flow Rate	:	1,000 LPH
Reject Water Flow Rate	:	1,500 LPH

6. RO Membrane

	:	1 No.
Membrane Type	:	Spiral wound
Membrane size	:	8" dia x 40" long
Membrane specification	:	Thin Film Composite polyamide
Make:	:	HYDRANAUTICS/FILMTECH.

7. NO. OF MEMBRANE HOUSING

: 1 No's- UKL/ALPHA (FRP housings)
Size: 8 inch dia x 1m

8. HIGH PRESSURE PUMP

: 1 NO. CRI / CNP, 3000 lph
Make pump with SS impellers & CI inlet/outlet port,
MOTOR HP / KW : (1 KW) 2 HP

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Email : admin@universalchemicals.co.in Website : www.universalchemicals.co.in

INSTRUMENTATION

10. PRESSURE GAUGES – 4 NO.S

TYPE : GLICERINE

11. ROTA METERS – 3 NO.S

MOC: PVC

12. R.O. SKID-01 NO.S

MOC: SS 304

THICKNESS: 1.6 MM

13. CONTROL PANEL WITH CONDUCTIVITY METER(ONLINE) -1 NO

MOC: SS 304

THICKNESS: 1 MM

15. (5) MICRON FILTER- 2 NO.S

MOC: HDPE

Size : 20 INCHES.

16. U.V SYSTEM – 1 NO.S

MOC	:	SS
Service Flow	:	1,000 Liters per Hour
Thickness	:	1 MM
Length	:	1 1/2 FEET
Dia	:	3 INCHES

SCHEDULE OF EXCLUSIONS

A list of exclusions from your supply is given below:

1. All types of Civil Works like foundations, drains, drain sumps.
2. The raw water supply at the inlet with raw water feed pump.
3. (a) Incoming supply to our instrument panel.
(b) Plant lighting, ear thing, cable trays.
4. Piping up to the inlet of the Raw water tank.
5. Handling and safe storage of the material at site.
6. All consumables and chemicals required during commissioning of the plant.
7. All supplies, workings and services, not specifically mentioned as forming part of our offer.
8. Raw water storage tank.

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ANNEXURE 4 – PRICE, COMMERCIAL TERMS & CONDITIONS

➤ Our price for Design, Engineering and supply of the above mentioned scheme of **1,000 Liter per**

Hour RO System is Rs. 2, 40, 000/- (Rupees Two Lakhs Forty Thousand Only/-)

TERMS & CONDITIONS:

F.O.R. : Ex-Our office, MOULA-ALI, Hyderabad -040.
TRANSPORTATION : **INCLUDING.**
TAXES : **VAT @14.5 %**
Payment : 70% as advance, 20% against delivery and remaining after completion of work.
Delivery : Within 2-3 days from the date of receipt of p.o with advance
INSTALLATION : **INCLUDING.**
OUR TIN NO - 36302232477
OUR SERVICE TAX NO - AAHCR2118QSD001
NOTE : WE WILL PROVIDE FREE SERVICE UP TO 1 YEAR

Handwritten calculations:
2,40,000/-
Net: 38.40
2,74,800.20
20
2,54,800

We hope the proposal is as per your requirement. If you need any more clarifications or seek more information, we would be glad to hear from you.

Thanking you and assuring of our best service attention always, we remain.

Yours faithfully,

For UNIVERSAL WATER CHEMICALS PVT LTD

D. SRINIVAS

MARKETING MANAGER

Cell: +91 99639 05657.



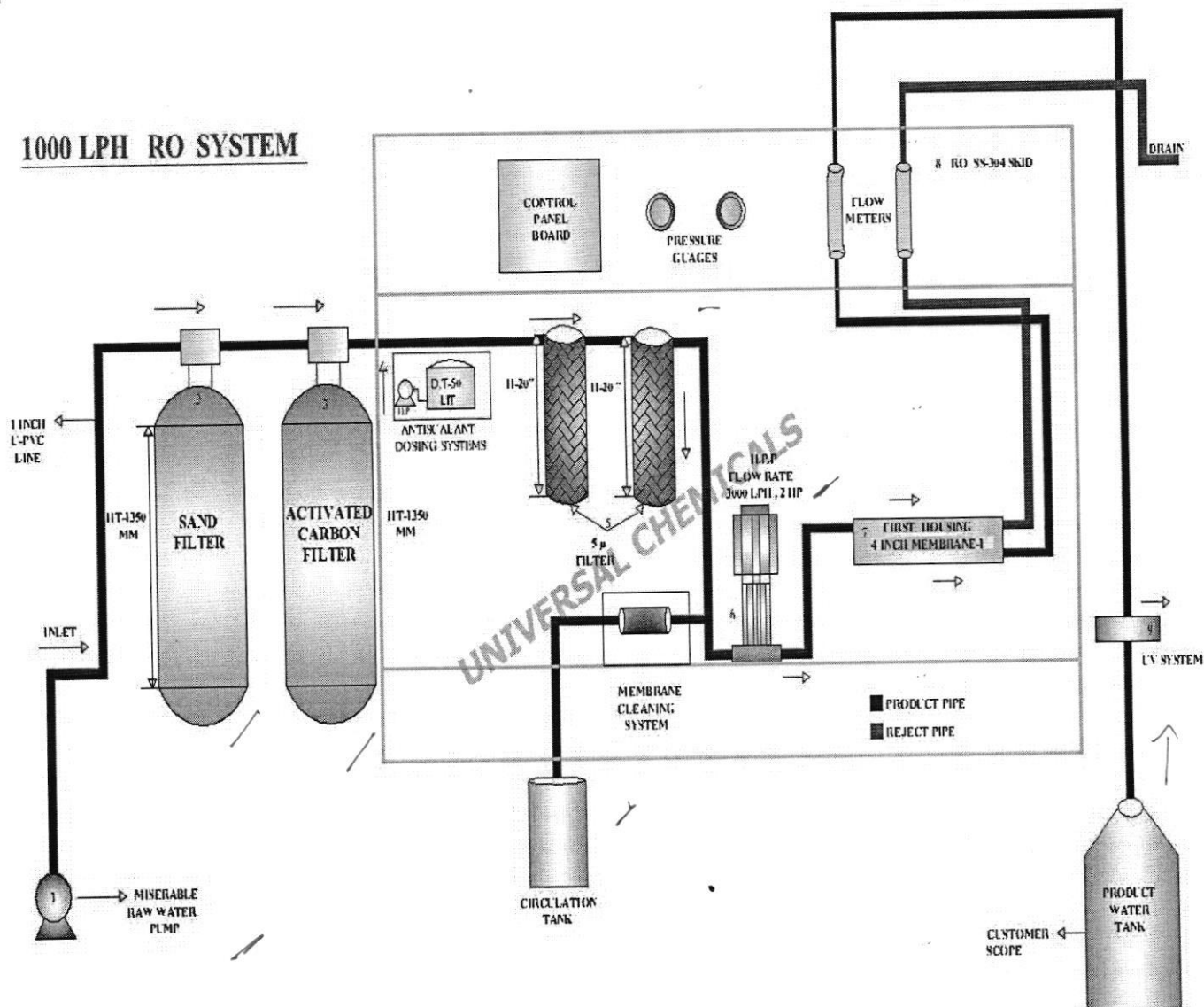
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1000 LPH RO SYSTEM



S.NO	EQUIPMENT SPECIFICATION	SIZE
01	RAW WATER PUMP	Q-5 M3/HR, 1 HP
02	SAND AND CARBON FILTER	HEIGHT 1350 MM, DIA- 325 MM
03	MICRON FILTER- 2 NO.S	20 INCH HT, JUMBO
04	HIGH PRESSURE PUMP	Q -2.5 M3/HR, 2.0 HP
05	RO MEMBRANE-1 NO.S, RO HOUSING -1 NO.S	DIA -8 INCH, LENGTH -1 M
06	RO SKID	SS - 304, THICKNESS 1.6 MM
07	UV SYSTEM	SS-304, LENGTH-1.5 FT, D-3 inch

To,

G. Hari Babu (Asst. Manager Purchase) ,
Modi Properties & Investments Pvt. Ltd.

5-4-187/ 3 & 4, M G Road, Secunderabad – 03

Cell+91 95022 77533, Email:-haribabu@modiproperties.com, Land Line:-+91 40 66335551

Dear Sir,

Sub: Your Requirement of 1000 Liters/Hour Water RO Plant for Vista Homes, Kushaiguda.

This has reference to the telephonic discussions that you had with our Mr. Arnab Ghosh. As per your requirement, we have pleasure in giving below our detailed offer for your kind consideration. Please note that the offer is based on the water report that you have mailed us today.

Quotation for 1,000 Liters per Hour RO Plant

Scope of Supply for 1,000 Liters / Hour RO Plant with UV & SS Storage Tank.

S no.	Equipment Details	Qty.
A.	PRE-TREATMENT SECTION	
1.	Raw Water Feed Pump, 2300 ltrs./hr. flow rate, 2.5 Kg/sq.cm pressure, 1 HP, CRI/equivalent make Mono block type pump.	1 no.
2.	Multi Media Filter in Aventura/equivalent make FRP Tank model 1465 with Top mounting type Single lever operated 40 NB Multiport valve, duly filled with initial charge of filter media of graded sand and pebbles.	1 no.
3	Activated Carbon Filter in Aventura/equivalent make FRP Tank model 1465 with Top mounting type Single lever operated 40 NB Multiport valve, duly filled with initial charge of filter media of activated carbon.	1 no.
4	Anti-scaling Dosing System consisting of electronic diaphragm type dosing pump with suction and discharge tubes, Liquid Anti-scaling holding tank in PP/HDPE, Injector Nozzles etc., Positive Metering/equivalent	1 no.
5.	Inter connecting piping with necessary valves and fittings in UPVC construction	1 lot
B.	R.O. SECTION	
1.	Micron Jumbo Cartridge Filter, 20" long, Poly amide housing with 5 micron PP filter cartridge, Flow rate: 2300 ltrs./hr.	1 no.
2.	CRI/equivalent Pressure Pump, Vertical Multistage type centrifugal SS Pump 3 HP.	1 no.
3.	Alfa /equivalent make FRP Pressure Housing for R.O. Membranes, each suitable for 01 number of 80-40" R.O. Membranes, 250 PSI pressure rating.	1 no.
4.	GE / Hydronautics/equivalent make R.O. Membranes, Reverse Osmosis Membranes Model 80- 40	1 no.
5.	Astral /equivalent Make LED Display, Electrical Control Panel & Instrumentation panel having the following instruments. 1. Pressure gauges : 2 nos. 2. Flow meters (Rota meters) : 2 nos. 3. Low & High Pressure switches : 1 set.	1 no.
6.	S.S. Fabricated Skid	1 no.
7.	Inter – connecting piping with necessary valves and fittings in CPVC & UPVC construction	1 lot.
8.	UV 1000 Liter/hour	1 no.
9.	SS Storage tank 1000 Liters with Stand	1 no.

Total RO System Price : Rs.1,96,755/- + VAT @ 14.5%

= 2,25,285/-

EMMAR MARKETING SERVICES, 3-6-237, Suite No.311, 3rd Floor, Lingapur-La-Bulde, Amrutha Estates, Himayath Nagar, Hyderabad-500 029. Phone: Off: 040-23222016, 040-23222631, Cell +91 98490 22539, E-Mail: info@emmarmarketing.com Website: www.emmarmarketing.com



Termination Points:

1. Inlet of Raw Water Feed Pump.
2. Product Water Outlet from Tank.
3. Reject Water Outlet of R.O Skid.
4. All drain outlets of Multiport Valves.

Terms & Conditions:

- | | | |
|------------------|---|---|
| 1. Price | : | Ex Our Godown, Hyderabad. |
| 2. Sales Tax | : | VAT Tax @14. 5.00 % Extra. |
| 3. Delivery | : | Within 2 to 4 weeks from the date of order confirmation with advance. |
| 4. Payment Terms | : | 50% Advance along with your order balance immediately against delivery. |
| 5. Validity | : | The above quotation is valid for 30 days from the date of its issue. |
| 6. Warranty | : | 1 year from the date of installation. |

We trust you will find our offer is in line with your requirements and quite competitive. Should you require any further clarifications please do not hesitate to contact us.

Thanking you and looking forward to receive your valued order.

Yours faithfully,

For EMMAR MARKETING SERVICES

M B PRABHAKAR SARMA (Managing Partner)
(+91 98490 22539)

Cell:9949989287
9052394142

ICON WATER SOLUTIONS

(Trust In Every Drop)

#49-253/1, Padma Nagar Phase-1, Chintal, Hyderabad - 500 072.

E-mail : iconwatersolution@gmail.com

R.O. WATER PURIFIERS • R.O. PLANTS • WATER SOFTNERS • PRESSURE PUMPS • RO DOSING & CLEANING CHEMICALS

DATE: 02-04-2016

**M/S: MODI PROPERTIES
HYDERABAD.**

KIND ATTN: MR.HARI BABU ,

SUB: Offer for (1000 LPH) RO plant

Dear Sir,

This has the reference to the above mentioned subject; now we are pleased to submit our Techno Commercial offer here as under:

We hope you will consider us to provide an opportunity to use our system to enhance process productivity and quality.

We look forward to your valued response.

Thanking you and assuring the best of our services at all time.

Yours faithfully,

For **M/S.ICON WATER SOLUTIONS**

V.SRINIVAS,
9949989287,
9052394142.

CL no: 002224 / 11816

Quotation/ Pro forma Invoice

SL No	Description	Qty
01	1000 LPH Water processing system Equipments offered:-	
	a. Raw water Pump	1 no
	b. Pressure sand filter	1 No
	c. Activated Carbon filter	1 No
	d. Dozing pump	1 No
	e. Micron filter (Pre)	2 no
	f. Reverse Osmosis system	1 No
	g. Treated Water Pump	1 no
	h. UV Sterilizer	1 no

Our Offer has been divided into the following section, which from integral parts of our offer.

- SECTION I – TECHNICAL STANDARDS
- SECTION II - SCOPE OF SUPPLY
- SECTION III - SCHEDULE OF EXCLUSIONS
- SECTION IV – PRICE & COMMERCIAL SCHEDULE

SECTION I – TECHNICAL STANDARDS

FEED WATER QUALITY

TDS: Not specified

We have designed the system at 1000ppm in order to cover the increase in Bore well TDS over a period of time

PRODUCT WATER QUALITY

As per BIS Standards.

BRIEF PROCESS DESCRIPTION

The scheme comprises of pre-treatment followed by Reverse Osmosis System.

PRE TREATMENT

In pre-treatment section, raw water is first stored in raw water tank (to be provided by the client) from where it is fed to sand for filtration of suspended particles followed activated carbon filter to remove Color & Odor from the water. The stream of soft water is then fed to micron cartridge filter of 5 micron for fine filtration of water and make it fit for further feeding it to RO Modules.

Chemical Treatment

In Chemical treatment, we have considered Anti-scalant dosing system to avoid scale formation in membranes.

RO SYSTEM

Fine filtered water is fed to R.O. Membranes through high- pressure pump at a necessary pressure so that Reverse Osmosis may occur and to get permeate of desired TDS.

RO Plant is all necessary instruments and inter -connecting and valves for adequate operation.

Post Treatment:

Further the water passed through Ultra Violet chamber to sterilize the water and Ozonation will done in the product water storage tank.

TECHNICAL SPECIFICATION FOR 1000 LPH

RAW WATER PUMP

Make	:	CRI/Equivalent
MOC	:	CI
Flow rate	:	3000 lph

} / work

PRESSURE SAND FILTER

MOC	:	Pentair
Quantity	:	One
Diameter	:	13"
Height	:	54" ✓
Type	:	vertical
Volume	:	106 liters
Max Working Pressure	:	5.5 Kg/cm ²
Min Working Pressure	:	2Kg/cm ²
Flow rate	:	3000 lph
Back wash interval	:	24 HRS
Multi Port Valve	:	40 nb
Duration of Backwash	:	15-20 MINS
Media	:	Multi Grade of pebbles and sand

ACTIVATED CARBON FILTER

MOC	:	Pentair
Quantity	:	One
Diameter	:	13"
Height	:	54"
Type	:	vertical
Volume	:	106 liters
Max Working Pressure	:	5.5 Kg/cm ²
Min Working Pressure	:	2Kg/cm ²
Flow rate	:	3000 lph
Back wash interval	:	24 HRS
Multi port valve	:	40 nb
Duration of Backwash	:	15-20 MINS
Activated Carbon	:	50kg
Carbon Iodine Value	:	400 – 500

ANTISCALLANT DOSING PUMP

Quantity	:	1no.
Make	:	E-Dose/Equivalent
Flow rate	:	0 – 6Lph
MOC	:	pp
Dosing Tank	:	50ltrs
MOC	:	HDPE

chemen

MICRON CARTRIDGE FILTER (Pre)

Quantity	:	2 no
MOC	:	FRP
Diameter	:	Slim
Height	:	20 inches
Micron size	:	5 micron

Chlorine

REVERSE OSMOSIS SYSTEM 1000 LPH

Type of Membrane	:	Polyamide
Make	:	Ge/Hydranautics, USA/Equivalent
Size	:	8" X 40" (1No's)
No. of pressure vessels	:	1No.
Membrane Winding	:	Thin film Composite
High pressure pump	:	CRI/Equalent
Flow rate	:	3000 Lph
Rating	:	11bar
Recovery	:	45% -55%
Pressure Tubes	:	FRP
Make	:	Alfa Composite/ Equivalent
Flow meter	:	Flow Meter mounted on the panel
Mounting	:	SS Skid.

U.V.STERILLIZER

Type	:	Vertical flow turbulence type
Model	:	SAP/Equivalent
Construction	:	Stainless steel
No of UV Lamps	:	1 No
Operating temperature	:	100 ⁰ C
Flow rate	:	1500 Lph
Working pressure	:	80 psi
Efficiency	:	99.9+ destruction of microorganisms
Intensity	:	220 nanometers

Flow Chart

Raw water Storage tank → Raw Water Pump → Multi grade Sand Filter →
Activated Carbon Filter → Anti-scalant Dosing System → Micron Cartridge Filter
→ High Pressure Pump → Membrane → UV system → product water tank

PLANT MOUNTED INSTRUMENTS

We have considered adequate level of instrumentation like Flow meter, Pressure Gauges, Pressure Switches to enable easy operation of the plant.

PIPING & VALVES

All piping shall be in CPVC up to Storage Tank.

ELECTRICAL

Total power required : 1 phase or 3phase

Client shall terminate cable up to our control panel. We shall supply control Panel and control cabling from panel to skid.

SECTION II – SCOPE OF SUPPLY

- Raw water pump.
- One FRP- Pressure Sand Filter with necessary fittings(3000 lph)
- One activated carbon filter system to remove bad colour ,bad smell, odour & other chemical impurities (3000 lph)
- One softener system to remove hardness in the water(1500 lph)
- One Antiscalent Dosing System.
- One complete Skid mounted RO Plant 1000 lph of the said capacity and recovery system which will consist of RO Membranes, Pressure vessels to house the membrane, Micron Cartridge Filter, High pressure pump and motor mounted in a skid. High pressure piping will be in CPVC, and Low pressure piping will be in PVC
- Ultraviolet lamp.

SECTION III – SCHEDULE OF EXCLUSIONS

- Clear raw water as per you water report.
- Raw water storage tank.
- Water and Electrical connection to the plant.
- Reject water disposal.
- Necessary Civil works.
- Necessary piping work.
- Foundations tanks and all civil works
- Supply of electrical power at our panel, earthing including equipment earthing.
- Reject water drainage.
- Operator

SECTION IV – PRICE & COMMERCIAL SCHEDULE

1. Price

1. 1000 lph Reverse Osmosis Water purification System with specifications in the scope of supply is Rs. 1,95,000/- (Rupees one lack eighty five thousand only)

2..TAX&Duties:-VAT@14.5%

→ 28275

3.Erection/ commissioning charges: RS 7,000/-

→ 7000

2,30,275/-

5275

2,25,000/-

Discl

4. Price quoted is : Ex – Hyderabad

5. Payment Terms:

75% of the contract value as advanced along with your order.
15% against dispatch of equipments from works.
10% after Installations and commissioning.

6. Transit Insurance: Nil.

7. Freight Charges: At Actual.

8. Delivery Period Time Schedule:

We confirm we shall complete our scope of work within a period of 4-5 weeks from the date we receive your work order along with the necessary advanced payment.

9. Warranty:

The equipment supplied is guaranteed for a period of 12 months from the date of commissioning.

OR

18 months from the date of last major supply, whichever is earlier

Please note that membranes supplied in our system are warranted as per standard terms of respective membrane manufacturer.

Equipment guarantee is valid against defective workmanship or poor performance of the system. Our liability is limited to repair or replace the same and not subject any wear and tear and spares due to regular operation of the system. Our above guarantee is subject to the following terms:

- 1) Spare parts, chemicals and consumables used in our system shall be as recommended by us.
- 2) Preventive maintenance of the plant as suggested by us.
- 3) Maintaining operation and maintenance data / log sheets as recommended by us and note that log sheets should be made available to us whenever it is required.
- 4) Maintaining limiting conditions of the system as suggested.