



# JAIHIND COMPREHENSIVE EDUCATIONAL INSTITUTE

NARAYANGAON, TAL. JUNNAR, DIST. PUNE. PIN- 410 504. Phone : (02132) 242027, Fax : (02132) 242465

ESTD. 1996

FOUNDER PRESIDENT : Hon'ble Tatyasaheb Gunjal

Date : 21 / 02 / 2008

Ref. No.: JCEI/2017-2018/350

Date: 28/12/2017		Purchase Order		PO. No.: JCEI-DEC/17-18/	
To, Asian Water Solution Group Office No- 28/2A/1B Shivraj Nagar Rahatani Pune - 411017 Kind Attn: Datta Gund Cell No.: 9604615961			Delivery at: Jaihind Comprehensive Educational Institute, G.No. 441, Kuran, Tal. Junnar, Dist. Pune 410511. Office No. +919766000214		
ItemName	Qty	Rate	amount		
FRP 500 lph RO PROJECT As per specifications given in the quotation dated 16/02/2018	1	Rs. 150000/-	Rs. 150000/-		
		Total	Rs. 150000/-		
TERMS & CONDITIONS					
DELIVERY	Within 10 days after acceptance of Purchase Order				
Terms and Conditions	<ol style="list-style-type: none"> <li>1. Asian Water Solution Group should provide whole support before and during service period.</li> <li>2. Above mentioned price is including GST, transportation, installation and commissioning of the plant and accessories on the site.</li> <li>3. Payment 50% before delivery and remaining 50% after installation and commissioning of the plant.</li> </ol>				

Approved by,

For Jaihind Comprehensive Educational Institute,

Prof. Dattatray S. Galhe





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M.O.C. : Acrylic/ss  
Range (50-500 Lph) : 1 Nos.  
Range (50 - 1200 Lph) : 1 Nos.  
C Conductivity M

Type : Digital Type  
Range : 0 - 999 micro mho/cm  
Make : Astro (Prefix in Control Panel)

D Pressure Switch

Type : Low Pressure. / High Pressure.  
Model : IPS 70 / 200.

E Level Controller.

Type : Electronic sensor.  
Make : Gelco /Proton/Astro/ Equivalent.

	<b>FRP 500 lph RO PROJECT</b>	<b>1,50,000.00</b>
	<b>GST 18% Including</b>	

**NOTE: This offer rates are valid up to 30 days.**

**Payment Details :- Success Services**

**: TERMS AND CONDITIONS OF SUPPLY:**

**GST AS APPLICABLE ON MACHINERIES.**

**Price:** The Price for project without **building, civil work, electrification and raw water**. Material is Ex- PUNE unpacked exclusive of Packing, Forwarding, Insurance Charges, Octroi and any other Taxes & Duties.

**Payment:** 80 % advance & balance before delivery.

**Filters and chemical are Consumable,**

**ALL SS PINPING IN SITE @ ACUAL**

**Trial & Testing:** Trial and testing of the plant will be done at our premises. Your technical representative shall be guided regarding the operation of the plant free of cost. However, his To & Fro Ticket, Lodging and Boarding, local conveyance, any other miscellaneous expenses shall be borne by you.

Asian water solution group

Office No- 28/2A/1B Shivraj Nagar Rahatani Pune - 411017

Email: - asianwatersolutiongroup@gmail.com Contact No - 9604615961,



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5. Micron Cartridge Filter

Model	: MCF 50/AS /PP
Size	: 20" Long.
Micron Rating	: 5 $\mu$ m.
Type of Candle	: P.P. Spun.
Material of Housing	: FRP
Nos. of Candles	: 01 Nos.
Max. Flow	: 1.5 m <sup>3</sup> /hr.
Working Flow	: 01 m <sup>3</sup> /hr.

6. High Pressure Pump

Type	: Multistage Centrifugal Multistage
M.O.C.	: CI . 304
Max. Pressure	: 12 Kgs/cm <sup>2</sup> .
Working Pressure	: 08 Kgs/cm <sup>2</sup> .
Max. Flow	: 02 m <sup>3</sup> /hr.
Working Flow	: 01 m <sup>3</sup> /hr.
Motor	: 02. HP, 2900 rpm, 3 phase
Make	: IPP Pumps /Eq.

7. Reverse Osmosis Membranes Elements.

Model	: 4040
Type	: TFC Spiral Wound
Material	: Polyamide.
Size	: 04" Dia X 40" Long
Make	: GE/Membranium
Nos. Offered	: 2 set.

8. Membrane Pressure Vessels.

M.O.C.	: SS/FRP
Model	: US -04" X40"
Type	: Horizontal Tube Type
Max. Pressure	: 350 psi.
Working Pressure	: 200 psi.
Nos. Offered	: 02 SET

9. ELECTRIC CONTROL PANEL, with necessary controls.

**10. Instruments and Controls.**

A Pressure Gauges

Type	: Bourdon Tube Type
Make	: H. Guru/ K.I./Proton / flo
Range	: 0 - 28, 0 - 7 Kg/cm <sup>2</sup>

B Rota meters.

Type	: Float type.
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### TECHNICAL SPECIFICATION

#### 1. Raw Water Feeding Pump.

Type	: Centrifugal.
Max. Flow	: 1.5 m <sup>3</sup> /hr.
Working flow	: 01 m <sup>3</sup> /hr.
Working pressure	: 2.0 kg/cm <sup>2</sup> .
Max. Pressure	: 3.0 Kg/Cm <sup>2</sup> .
M.O.C.	: C.I.
Power	: 0.5 HP.
Make	: Kirloskar/ Crompton.
Nos. Offered	: One No.

#### 2. Multi Graded Sand Filter.

Type	: Down Flow Graded Sand Type
Model	: 1054 /as/MGF
M.O.C.	: FRP
Pipe Line Size	: 13 mm ID
Sand Qnty.	: 75 Kg.
Valves	: MPV.
Max. Flow	: 1.5 m <sup>3</sup> /hr.
Working Flow	: 01 m <sup>3</sup> /hr.

#### 3. Activated Carbon Filter.

Type	: Down Flow Graded Sand Type
Model	: 1054/AS/MGF
M.O.C.	: FRP
Pipe Line Size	: 13 mm ID
Sand & Activated carbon Qnty.	: 50 Kgs.
Valves	: MPV
Max. Flow	: 1.5 m <sup>3</sup> /hr.
Working Flow	: 01 m <sup>3</sup> /hr.

#### 4. Antiscalant Dosing System

Nos. offered	: 1 No.
Dosing chemicals	: Anti Sealant
Rate of Dosing	: 2 to 3 ppm.
Daily Consumption	: 7 to 10 gms/hr.
Type of Dosing Pump	: Electronic diaphragm Pump.
Maximum Dosing Capacity	: 6 lph.
Dosing Tank	: 100 Ltr H.D.P.E.
Make of pumps	: E-dose, metering/E Dose

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Thanking you,  
Datta Gund – Project coordinator  
9689873664/9604596159  
For Asian water solution group,

#### DESIGN BASIS

The Water Treatment Project is designed to produce 500 per/Hrs. .  
On the basis of following considered/ approximate raw water quality.

Source Of Water: Bore Well

Suspended Solids	:	Nil
Turbidity	:	Less Than 1.0. NTU
PH	:	8.5

Treated Water Quality

The approximate treated water quality is as follows however it depends on row water quality considered for design of system.

Suspended Solids	:	Nil
Turbidity	:	Nil
PH	:	7.00 to 8.0
Total Dissolved Solids	:	Less than 100 ppm
Total Hardness	:	100 ppm as CaCo3
Bacteria Coliform	:	Nil
Iron as Fe	:	Nil
Organic Material	:	Nil
Fluoride	:	less than 0.01 ppm
Sodium	:	Less than 20 ppm

The above Treated water quality is approximate assumption, we can change the property of minerals/ions in Treated water by reducing and editing the mixing water quality in R.O. treated water.

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16/02/2018 7:49 AM  
Ref: ARSPL/QTN/17-18/PDW 3107 (005)  
Date: 16.02.2018

TO, Jaihind Collage of Engineering,  
At:- Kuran, Junnar.

**Contact: -**  
**097660002**  
**26**

**SUB: 500 LPH RO WATER PROJECT REPORT.**

**Dear Sir/Madam,**

We are Asian water solution group engaged to serve water treatment and management solutions. We are proud to acclaim for fulfilling customers water treatment requirement as per their requirement. Asian water solution has deep experience of water treatment and management since 2017. Since last one decade we have setup Fifty plus Packaged Drinking Water Project and more than thousand RO water treatment plant in India. We are serving water solutions product to various industries like, food Processing, Poultry farm, Sugar factories, Pharmaceuticals, Corporate establishments, business collages, Housing complexes, Army base camp and construction sites. Some of these regulated industries require stringent testing and validation procedure in order to gain approvals. Our products comply with current good manufacturing practice and requirement of Indian, British and United State Pharmacopoeia.

We have well groomed technical team to implement Turn-key basis project and to serve industries best response. We wish to remember our self in customers mind for efficient work.

We assure that we will provide you best project solution as per your requirement and expect to remember our self before finalization of your valued project.

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# PROJECT REPORT

Packaged Drinking Water Plant

Date:- 16.02.2018

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**Erection & Commissioning:** The quotation includes erection or commissioning charges of the plant at your premises. You will ensure

provision of raw material, skilled/unskilled labour and other services such as water, power, lifting equipment, tools etc.

**Warranty/ Guarantee:** 1 year guarantee from the date of commissioning, whichever is earlier, against faulty material or bad workmanship and under take to repair and/or replace the defective part/(s) within this period, if in our opinion, the defect brought to our notice is found to be genuine. However we stand no guarantee against normal wear and tear to the equipment or components, electrical/electronics parts and pneumatic components. Electric motors and pneumatic components shall be warranted for such duration, as may be the period of warranty extended to us by the manufacturer/supplier. Defects, what so ever, to the equipment or components due to fluctuation in incoming power supply, attempted repairs by persons other than our technical representative, improper handling and/or negligence at user's end, poor maintenance, improper functioning of equipments not in our scope of supply etc. are exempted from the purview of our warranty. During the warranty period we shall provide supervisory services of our technical representative as and when required, without any service charges. However, expenses towards to and Fro Air/train [1st class/IIAC] fare between nearest Airport/Railway station at both destination and Boarding/Lodging and local conveyance expenses of our technical representative will have to be borne by you.

Thanking you,

Datta Gund – Project coordinator

9689873664 / 9604596159

For Asian water solution group

(Group of Companies)

Asian water solution group

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