

JAWAHAR NAVODAYA VIDYALAYA PRBHAT PATTAN DISTT. BETUL
TENDER FORM : R.O. WATER SYSTEM 2017-2018

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SN	NAME OF ITEM	TECHNICAL SPECIFICATION	RATE
1	R.O. WATER SYSTEM 500 LTR CAPACITY	<p>1. Raw Water Feeding Pump</p> <p>Nos. offered one no.</p> <p>Type Centrifugal</p> <p>M.O.C. S.S. 304.</p> <p>Max. Flow 1.0 M3/hr.</p> <p>Working flow 1.0 M3/hr.</p> <p>Working pressure 2.0 kg/cm2</p> <p>Max. Pressure 3.0 kg/cm2</p> <p>Power 0.37 HP</p> <p>Make CRI/KIRLOSKAR/EQUI.</p> <p>2. Dual Media Filter</p> <p>Nos. offered one no.</p> <p>Type Down Flow Graded Sand Type</p> <p>Model 300/PSF</p> <p>M.O.C. FRP</p> <p>Size Dia x Height 330 mm Dia x 1370 mm</p> <p>Pipe Line Size 25 mm</p> <p>Sand Qty 50 kgs</p> <p>Activated Carbon Qty 50 kgs</p> <p>Valves 25 mm</p> <p>Max. Flow 1.0 m3/hr.</p> <p>Working flow 1.0 m3/hr.</p> <p>Make Filmtech</p> <p>3. Antiscalant Dosing System</p> <p>Nos. offered 1 no</p> <p>Dosing chemicals Anti Scalant</p> <p>Maxmum Dosing Capacity 0-5 lph</p> <p>Rate of Dosing 2 to 3 PPM</p> <p>System of Dosing By Electronic Dosing Pump.</p> <p>Type of Dosing Pump Electronic Diaphragm Pump</p> <p>Maximum Dosing Capacity 5 lph.</p> <p>M.O.C. of Pump P.P. with Teflon Diaphragm.</p> <p>Dosing tank 100 Ltr H.D.P.E.</p> <p>Make of pumps Edos / Equi.</p> <p>4. Micron Cartridge Filter</p> <p>Nos. offered 1 Nos</p> <p>Model MCF 20/PP</p> <p>Size 10" Long</p> <p>Micron Rating 5 Micron.</p> <p>Type of Candle P.P. Spun.</p> <p>Make of Cartridge Imported / Equi.</p> <p>M.O.C. of Housing HDPE / PP</p> <p>Max. Flow 1.0 M3/hr.</p> <p>Working flow 1.0 m3/hr.</p> <p>5. High Pressure Pump</p> <p>Nos. offered 1 No.</p>	

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Type	Vertical Multi-Stage
M.O.C.	S.S. 304.
Max. Pressure	14 Kgs/cm2.
Working pressure	10-12 Kgs/cm2
Max. Flow	1.0 M3/hr.
Working flow	1.0 M3/hr.
Motor	1.5 KW, 2900 rpm, 3 phase
Make of pump	CRI / equi.

6. Reverse Osmosis Membranes Elements

	RO Module with FRP Housing & Membranes
Item	
Nos. offered	One set
Model	4040
Type	TFC Spiral Wound
Material	Polyamide
Size	4" Dia X 40" Long
	Osmonics-USA/Hydranautics-
Make	USA/Equi

7. ELECTRONIC CONTROL PANEL

8. INSTRUMENTS AND CONTROLS

A Pressure Gauges

B Rotameters / Flow guages

C TDS Meter

D Pressure Switch

E Level Controller

9. Treated Water Storage Tank

Signature of Supplier _____

Name of Firms _____

Address with Mobile no. _____