



Deendayal Port Authority

Stores Division



Room No. 09, P.B. No. 50, A.O. Building,
Gandhidham - 370201 Mo 9825227255

Enquiry Form

To, M/s.	Enquiry No. : CME/Store/274/Procurement/2023 Date : /11/2023 Opening Date: 14-12-2023 The quotation will be opened in the Office of Dy. Materials Manager at 3 PM.				
Copy to : DD (EDP) for upload the enquiry on DPA website.	Please submit sealed and signed quotation for below mentioned items on the terms & conditions printed overleaf. The quotation shall be marked with enquiry No. & Due date for opening and shall reach before 15:00 hrs. <div style="text-align: right; margin-right: 50px;"> Yours Faithfully Dy. Materials Manager Deendayal Port Authority </div>				
No.	Description of Items	Qty.	Unit	Rate	Total
	Procurement of Water Purifier (Detail Specification as per Annexure attached)	1	No.		
	> If you have NSIC / SSI /MSI DGS&D certificate please attach with quotation.	The Terms and Conditions have been accepted. <div style="text-align: center;"> Stamp And Signature of the party. </div>			

CSR Work to Provide Water Purifier for the ST. Joseph's Hospital, Gandhidham**Technical specification****FEED QUALITY TO REVERSE OSMOSIS SYSTEM**

- 1 PH : Between 3 to 11
- 2 Suspended solids : Nil
- 3 Turbidity : Less than 1NTU
- 4 Free Iron as Fe+3 : Nil
- 5 Free organic solvents : Nil
- 6 Free chlorine : Nil
- 7 Oil & Grease : Nil
- 8 Output TDS : <200 TDS 90% Rejection from Raw Water
- 9 Dissolved Silica : Less than 10ppm
- 10 Temperature : 40 Deg.C.maximum
- 11 Input TDS : 2500 Maximum

OPERATING PARAMETERS OF REVERSE OSMOSIS SYSTEM

- 1 Feed water quality : 3500 TDS Maximum
- 2 System recovery: 40%

Permeate [Product] water TDS : Less than 200ppm TDS and free of any Harmful Bacteria, virus, organic matters

TECHNICAL DESCRIPTION

- | | |
|----------------------|---|
| 1. | RAW WATER TRANSFER PUMP |
| Quantity : | One No. |
| Type : | Centrifugal pump |
| Make : | Lubi/ LEO |
| Power consumption : | 0.5 HP |
| Type of Drive : | I Phase, 240 V AC, 50 Hz |
| Capacity : | 800 LPH |
| Discharge Pressure : | 2.0 – 2.5 kg/cm ² |
| Purpose : | To pump raw water at required pressure so as to enable transfer through the RO pre-treatment stage. |
| 2. | PRESSURE SAND FILTER & ACTIVATED CARBON FILTER |
| Quantity : | 1 No. |
| Type : | Vertical with manual multi-port valve type System |
| M.O.C. of Vessel : | FRP |
| Make of Vessel : | PANTAIRE OR STARLITE |
| Diameter of Vessel : | 13" |
| Length of Vessel : | 54" |
| Capacity : | 6000 LPH |
| Frontal Pipe Work : | APVC |
| Operating Pressure : | 3.0 kg/cm ² |

Make of valve	:	FRP Multiport Valve
Type of Valve	:	1/2" DIAPHRAGM
Filtering Media	:	Silica Quartz Sand, Gravel, Pebbles & activated Carbon etc.
Application	:	To filter out suspended solids up to 25 micron size & To remove color, odor and some of organics impurities.

3. **PRESSURE SAND FILTER & ACTIVATED CARBON FILTER**

Quantity	:	1 No.
Type	:	Vertical with manual multi port valve type System
M.O.C. of Vessel	:	FRP
Make of Vessel	:	PANTAIRE OR STARLITE
Diameter of Vessel	:	13"
Length of Vessel	:	54"
Capacity	:	6000 LPH
Frontal Pipe Work	:	APVC
Operating Pressure	:	3.0 kg/cm ²
Make of valve	:	FRP Multiport Valve
Type of Valve	:	1/2" DIAPHRAGM
Filtering Media	:	Silica Quartz Sand, Gravel, Pebbles & activated Carbon etc.
Application	:	To filter out suspended solids up to 25 micron size & To remove color, odor and some of organics impurities.

4. **PRESSURE SAND FILTER & ACTIVATED CARBON FILTER**

Quantity	:	1 No.
Type	:	Vertical with manual multi port valve type System
M.O.C. of Vessel	:	FRP
Make of Vessel	:	PANTAIRE OR STARLITE
Diameter of Vessel	:	13"
Length of Vessel	:	54"
Capacity	:	6000 LPH
Frontal Pipe Work	:	APVC
Operating Pressure	:	3.0 kg/cm ²
Make of valve	:	FRP Multiport Valve
Type of Valve	:	1/2" DIAPHRAGM
Filtering Media	:	Silica Quartz Sand, Gravel, Pebbles & activated Carbon etc.
Application	:	To filter out suspended solids up to 25 micron size & To remove color, odor and some of organics impurities.

5.		PRESSURE SAND FILTER & ACTIVATED CARBON FILTER
Quantity	:	1 No.
Type	:	Vertical with manual multi port valve type System
M.O.C. of Vessel	:	FRP
Make of Vessel	:	PANTAIRE OR STARLITE
Diameter of Vessel	:	13"
Length of Vessel	:	54"
Capacity	:	6000 LPH
Frontal Pipe Work	:	APVC
Operating Pressure	:	3.0 kg/cm ²
Make of valve	:	FRP Multiport Valve
Type of Valve	:	1/2" DIAPHRAGM
Filtering Media	:	Silica Quartz Sand, Gravel, Pebbles & activated Carbon etc.
Application	:	To filter out suspended solids up to 25 micron size & To remove color, odor and some of organics impurities.