

PDPM IITDM JABALPUR

Schedule of Quantities

Name of work: SITC of Water Purifier - 2 at Mess and Dinning Hall at PDPM IITDM Jabalpur.

Sl.No.	Description of Item	Unit	Quantity	Rate	Amount
1	SITC of RO/UV water purifier of capacity 500lit. /hr. with following specifications.	Nos.	1		
(a)	Raw water transfer Pump 1200 lit./hr. capacity of approved make				
(b)	Sand media filter(13"X 54" FRP Vessel) As per manufacturer's specification.				
(c)	Activated carbon filter(FRP Vessel)/as per manufacturer's specification.				
(d)	Water softener of required capacity (13"X 54" FRP Vessel) 100 lit. Resin quantity as per nufacturer'sspecification.				
(e)	High pressure Pump of required Capacity as per manufacturer'sspecification.				
(f)	2 Nos. S.S.Pressure Tube (4" X 40")as per manufacturer'sspecification.				
(g)	2 Nos. Membrane TFC Polyamide(4" X 40") of approved makeas per manufacturer'sspecification.				

(h)	Control panel for measurements/ indicators for monitoring like pressure gauge, Rota meter, Level indicators, Pressure indicators, Onlinedigital conductivity TDS meter , HPS & LPS Pressure control valves, Power Indicators, flushing indicators, Automatic on- off system as per manufacturer'sspecification.				
(i)	All internal plumbing pipes and fitting required to make the purifier system functional at site				
(j)	2 nos. PVC Storage tank for west water of capacity of 5000 Ltr. each (ISI Mark)				
(k)	UV lamp as per manufacturer's specification				
2	Extra for chlorine dosing system including necessary tank(50 Ltr. PVC)at outlet of pure water tank	Nos.	1		
3	Extra for Anti-scaling dosing systemincluding necessary tank (50 Ltr. PVC) for RO	Nos.	1		
	Total				