

विनयलता एस.
Vinayalatha S.
कुलसचिव
Registrar



गणितीय विज्ञान संस्थान
THE INSTITUTE OF MATHEMATICAL SCIENCES
(परमाणु ऊर्जा विभाग, भारत सरकार का एक स्वायत्त संस्थान)
(An Autonomous Institution under Dept. of Atomic Energy, Govt of India)
CIT CAMPUS, TARAMANI, CHENNAI - 600113



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Ref: IMSc / NGH / SS RO plant / E06 / 2024

Date: 09.04.2024

To :

Sir,

Kindly send your competitive quote / rate for the supply and installation of new RO SS drinking water treatment plant to be installed in NGH building in a professional way as per enclosed Annexure - 1. You are requested to inspect our NGH building and send your sealed quotations to reach us on or before 22.04.2024. The Institute reserves the rights to reject any or all the quotations without assigning any reasons. The suppliers / contractors / vendors are requested to quote their rates after site inspections and based on the scope of works mentioned in the schedule of quantities. Also, it is mandatory to indicate our reference number and due date & Electrical section on the top of your envelope / quote. The contact person shall be : Shri. S.MOHAN, Scientific Officer (Electrical), 044-2254 3300 / 149.

Registrar

For and behalf of the Director
IMSc

Enclosure : Schedule of quantities.

SCHEDULE OF QUANTITIES

ANNEXU

Name of the work: Design manufacturing , Supply installation testing and commissioining of new FULLY AUOTOMATIC 26 LPH RO water purifier machine
wth HPS tank, complete SS water dispensing taps, SS bottle fillers with spill tray and SS bottle holder to NGH at IMSc, Chennai-113

**NOTE: Rate quoted must include all components required for meeting specification and performance required of the item irrespective of whether they are specifically brought out in the schedule or not.
The rate quoted shall be inclusive of GST and IMSc will not entertain any claim whatsoever in this respect.**

Sl. No.	Description of Item and the techincal specifications.	Qty	Total Rate	Unit	Amount
1	2	3	4	5	6
			Rs.		Rs.
1	Fully Automatic 25 LPH RO drinking water purifier plant with HPS tank with its complete SS water dispensing taps, SS bottle fillers with spill tray and bottle holder				
	Design, manufacturing, Supply. Installation testing and commissioining of FULLY AUOTOMATIC 25 LPH RO drinking water purifier plant with HPS tank with SS water dispensing taps, SS bottle fillers with spill tray and bottle holder machines and its complete set with flowing specifications and scope of work and completion of the entire systems as directed by engineer-in-charge.				
	Technical specifications and bill of quantity				
	Main Housing : minium 10" – 3 nos				
	Filters : sediment / GAC / Micron				
	Pumps : 1 no – Kemflo 48 V				
	Transformer : 1 No , 48 V				
	Membrane Housing : 2 nos – white				
	Membrane unit – 2 nos – filmtec				
	Flow restrictor 1no professional grade				
	Post filter 1 no carbon				
	Treated water TDS shall be < 50 ppm				
	Hard ness to be as per standarad.				
	Sediment impurities, harmful elements like chloride, sulphate silica to be removed				
	All tubing white				
	Entire packing system shall be white				
	Raw water pumping rate : No pump , gravity flow from the pipe with 0.02 bar pressure				
	RO Treated water 0.25 m3 / hr				
	RO rejection 0.25 m3 / hr				
	Recovery ratio 50 %				
	Reject ration 50 %				
	HYDRO-PNEUMATIC PRESSURE TANK for storing RO water with interconnecting hoses and adopters with complete set , Pure stainless stell water dispensing taps – 2no, Stainless Steel bottle fillers with spill tray and bottom SS holders.				
	Erection testing and commisioning of entire systems suitable for the site condition and documentation.				
	entire product warranty shall be mimimum one year from the date of product accptance.	1		set	
	(signature of the contractor / vendors with seal and address)				