

Running Contract Details	
Equipment Name	Deionized water plant
Running Contract Valid Till	01-05-2027
Tender Ref No	KMSCL/EP/T554/1464/2024
Tendered Quantity	10
Supplier Name	M/s FIFTY PLUS SCIENTIFIC ENTERPRISES PRIVATE LIMITED
GST No	32AADCF8994Q1ZR
Installation & Delivery Period	8 Week(s)
Up-time / PM vist	95% & 4 Visits per year
Warranty period	3 Years

Supplier`s Details		
Address	Contact Details	
KADEKUZHI NELIKKAL THEERADESHA ROAD MARADU KUNDANOOR -682304	Contact Person	LAKSHMI NARAYANAN
	Phone	
	Mobile No	9847388202
	Email	fiftyplusscientificenterprises@gmail.com

Item-wise Price Details							
#	Item Details			Unit Rate (Incl.all taxes & charges)	Service Charges (Through KMSCL)	Grand Total	
1	<b>Deionized water plant</b> <i>Model &amp; Make : Direct Q-3/Merck Millipore</i>			461203 Incl.GST :18%	32284.21	493487.21	
				<b>461203</b>	<b>32284.21</b>	<b>493487.21</b>	
Annual / Comprehensive Maintenance Charges (Exl.Tax)							
Rate	4 <sup>th</sup> Year	5 <sup>th</sup> Year	6 <sup>th</sup> Year	7 <sup>th</sup> Year	8 <sup>th</sup> Year	9 <sup>th</sup> Year	10 <sup>th</sup> Year
Deionized water plant							
Labour	12,000.00	13,200.00	14,520.00	15,975.00	17,570.00	19,325.00	21,260.00
Comprehensive	24,000.00	26,000.00	28,000.00	30,000.00	30,000.00	32,000.00	32,000.00

### Other terms & conditions

1. The supplier shall execute an agreement with the purchaser as per tender conditions (agreement format is given in the tender document).

2. The supplier shall submit performance security amounting to 5.00% of the value of the supply order.
3. The labour & comprehensive charges of equipment after the completion of warranty period is finalized by KMSCL as mentioned above.
4. Since discount rate is not applicable for equipment under Running Contract of KMSCL, purchase/supply order can be issued directly to supplier at the given rate with tax & other charges (exclusive of KMSCL service charges).
5. If purchase/supply order is issued directly to the supplier, KMSCL service charge need not be paid. But the copy of the said order may be forwarded to KMSCL for information.

### **Technical Specification**

#### **Equipment :Deionized water plant**

#### Technical Specification

#### **Equipment: De-Ionized Water Plant**

1. Water purification System should be capable of producing 18.2 Megaohm resistivity with pre-treatment cartridge, Reverse Osmosis and mixed bed ion exchange resins and activated carbon in a single pack, with feed water acceptance of up to 2000micro Siemens conductivity, Fouling Index (SDI) < 12, Total Chlorine < 1 ppm.
2. All in one pack which contains a combination of technologies to produce ultrapure water from Tap water directly.
3. The 1st stage of the RO DI cartridge contains pretreatment for reverse osmosis followed by RO membrane.
4. The 2nd stage contains mixed bed ion exchange resin and organex for removal of organic contaminants.
5. It should have only cartridge in the system. If the system comes with more than one cartridge then that cartridge should quote mandatorily (including RO) along the main quote.
6. Type 3 water flow rate should be 3 Litre/Hour
7. Tap for dispensing ROwater from the tank.
8. Product Water Specifications
  - a. Resistivity : 18.2 Meg Ohm.cm (@ 25 degree C)
  - b. Conductivity : < 0.055uS/cm
  - c. TOC : <10 ppb
  - d. Bacteria:<0.1 cfu/mL
  - e. Pyrogen: <0.001Eu/mL
  - f. RNase: <0.01 ng/mL
  - g. Flow Rate: 0.5 L /min
  - h. Particulates > 0.22u : <1 P/mL