

Bid Document

Bid Details	
Bid End Date/Time	20-07-2020 15:00:00
Bid Opening Date/Time	20-07-2020 15:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	60 (Days)
Ministry/State Name	Ministry Of Communications
Department Name	Department Of Posts
Organisation Name	Tamil Nadu Postal Circle Department Of Posts
Office Name	Office Of The Chief Postmaster General Tamilnadu Circle Chennai 600002
Total Quantity	4
Item Category	Potable water purification system Reverse Osmosis or UV based
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	OEM Authorization Certificate *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
Bid to RA enabled	No
Inspection Required	No

EMD Detail

Required	No
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ePBG Detail

Required	No
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Splitting

Bid splitting not applied.

Potable Water Purification System Reverse Osmosis Or UV Based (4 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Standards	Certification for the product	WQA	CE, WQA, NSF, NA
	Certification number and date	-	*
	Manufacturers Quality System Certifications	ISO 9001:2015	ISO 9001:2015
	Manufacturers Environment Management System Certifications	ISO 14001:2004	ISO 14001:2004, NA
	Manufacturers Health and Safety Management System Certifications	ISO 18001:2007	ISO 18001:2007, NA
Performance Parameters	Maximum Input Water TDS allowed to the system	1000	1000, 2000, 3000
	Type of water purification technology	UV	RO+UF, RO+UV+UF, RO+UV+UF+Alkaline, RO+UV+Alkaline, RO, UV, RO+Alkaline, RO+UV, UV+UF
	Availability of sediment and activated carbon filter	Yes	*
	Operation	Fully automatic with auto cut off	Fully automatic with auto cut off, Semi Automatic with External Auto Cut Off
	Ultraviolet (UV) LAMP	Yes	Yes, No
	Conformity to Standard for Ultraviolet system	IS 14724 (latest) for water purification system with Ultraviolet disinfection	IS 14724 (latest) for water purification system with Ultraviolet disinfection, NA if UV not provided
	"Ultra Violet (UV) Lamp power in watts (Hint	48	*

put zero in case UV is not available)"		
Recovery at 27 degree Centigrade	30-40	25-35, 30-40, 50-60, 70-80, 90-100
Output Water Conforming standard	IS 10500 (latest)	*
Filtration Capacity in liter/ hour	50	*
Provision of Arsenic removal	Yes	Yes, No
Provision of Floride removal	Yes	Yes, No
Provision of Chloride removal	Yes	Yes, No
Alkaline filter	Yes	Yes, No
Storage tank	Inbuilt	Inbuilt, Not available
Type of out put water Storage Tank	ABS Food Grade	Stainless Steel, Clay Pot (Terracotta), Copper, ABS Food Grade, NA
Storage Tank Capacity (storage tank external for higher capacity if required to be arranged by buyer)	8ltr	8ltr, 10ltr, 12ltr, 16ltr, 25ltr, 50ltr, Storage tank to be arranged by buyer, NA
Minimum inlet pressure	0.3 KG/CM2	0.3 KG/CM2, 0.6 KG/CM2, 1 KG/CM2
Maximum inlet pressure	3.5 KG/CM2	*
Maximum inlet temperature	40 DEGREE	35 DEGREE, 40 DEGREE
Digital display	No	Yes, No
Real time TDS display	No	Yes, No
Real time pH Display	No	Yes, No
High pressure pump	Yes	Yes, No
Raw water/Chemical Raw water/Chemical Cleaning PUMP	No	Yes, No
Micron Filter	Yes	Yes, No
Total Dissolved Solids Removal Percentage from RO Membrane	90%	25%, 50%, 75%, 90%, NA for UV only
Particulate Filter	10 Micro	5 micron, 10 Micro, 20

	Porosity		micron
	Pressure vessel Sand Filter	Yes	Yes, No
	Pressure vessel carbon Filter	Yes	Yes, No
	Pressure Vessel Dual Media Filter	Yes	Yes, No
	Membrane Housing	Yes	Yes, No
	Body of filter	ABS Food grade	ABS Food grade, MS Powder Coated, Stainless Steel
	Auto cut	Yes	Yes, No
	Number of candles	3	2, 3, 4, 5, 6 or more
	Power supply	230 Volt single phase	230 Volt single phase, 415 Volt three phase
	Installation Type	Wall mounted	Wall mounted, Under sink, Floor Mounted, Floor Mounted and Enclosed
Miscellaneous Parameters	Warranty in years including replacement of filters Sediment & carbon twice a year)	1	1, 2, 3
	Warranty in years free replacement of machine	1	1, 2, 3, NA
	Antiscalant- where silica is up to 10 ppm/where Mica is up to 100 ppm	Yes	Yes, No
	Availability of type test Test REPORT for Filtering Size of micron Particles	Yes	Yes, No
	TYPE Test certificate No and date for Filtering Size of micron Particles	-	*
	Name and Address of laboratory which conducted Test for Filtering Size of micron Particles:	-	*
	Availability of type Test Report on Microbial Efficacy from Govt/NABL/ilac Lab	-	*
	Type Test certificate No	-	*

and date for Microbial Efficacy		
Name of the lab	-	*
Availability of test report from Govt/NABL/ilac Lab (Design Evaluation Report as per IS:14724	Yes	Yes, No
Test certificate No and date	-	*
Name and Address of laboratory which conducted Test	-	*
Availability of test report from Govt/NABL/ilac Lab regarding water quality as per IS:10500	Yes	*
Type Test certificate No and date	-	*
Name and Address of laboratory which conducted type Test regarding water quality	-	*
Copies of certifications and reports to be given to buyer at time of supplies	Yes	*
User/Technical/Maintenance manuals to be supplied in English in hard and soft copy	Yes	*
Availability of toll free centers for customer support	Yes	Yes, No
Installation and Commissioning inclusive in the scope of Supply*	Yes	Yes, No
Availability of NABL Accredited Laboratory Facility with OEM	Yes	Yes, No
Name and Address of NABL Accredited lab with OEM , If Not available put NA	-	*
Inlet Pipe & Fitting from raw water	Not applicable	suitable pipe and fitting to be provided by seller

	scorces to water purification system		up to 15 feet, to be arranged by buyer/consignee, Not applicable
	Pipe & Fitting from Out let to purified water tank	To be arranged by seller (upto 15ft)	To be arranged by seller (upto 15ft), To be arranged by buyer /consignee, Not applicable
	Electrical fitting and plug points	To be arranged by buyer /consignee	*
	Scope Civil Work if any required during installation	All Civil work shall be responsibility of buyer	*

* Specifications highlighted in bold are the Golden Parameters.

* Bidders may note that In respect of non-golden Parameters, the specifications 'Values' chosen by Buyer will generally be preferred over 'Bid requirement (allowed Values) by the Buyer.

Additional Specification Documents

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	K.A. Kalyana Varadharajan	642001,O/o the SPOs Pollachi Dn Pollachi	4	30

Bid Specific Additional Terms and Conditions

1. Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods

[This Bid is also governed by the General Terms and Conditions](#)

---Thank You---