

Bid Document

Bid Details	
Bid End Date/Time	18-07-2020 16:00:00
Bid Opening Date/Time	18-07-2020 16:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Ministry Of Communications
Department Name	Department Of Posts
Organisation Name	Department Of Posts
Office Name	Rajasthan Postal Circle
Total Quantity	2
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
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 (2 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Standards	Certification for the product	CE	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	3000	1000, 2000, 3000
	Type of water purification technology	RO+UF	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	No	Yes, No
	Conformity to Standard for Ultraviolet system	NA if UV not provided	IS 14724 (latest) for water purification system with Ultraviolet disinfection, NA if UV not provided
	"Ultra Violet (UV) Lamp power in watts (Hint put zero in case UV is not available)"	0	*
	Recovery at 27 degree Centigrade	90-100	25-35, 30-40, 50-60, 70-80, 90-100

Output Water Conforming standard	IS 10500 (latest)	*
Filtration Capacity in liter/ hour	40	*
Provision of Arsenic removal	Yes	Yes, No
Provision of Floride removal	Yes	Yes, No
Provision of Chloride removal	Yes	Yes, No
Alkaline filter	No	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)	16ltr	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	35 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	No	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	75%	25%, 50%, 75%, 90%, NA for UV only
Particulate Filter Porosity	5 micron	5 micron, 10 Micro, 20 micron
Pressure vessel Sand Filter	Yes	Yes, No
Pressure vessel	Yes	Yes, No

Miscellaneous Parameters	carbon Filter		
	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	4	2, 3, 4, 5, 6 or more
	Power supply	230 Volt single phase	230 Volt single phase, 415 Volt three phase
	Installation Type	Floor Mounted	Wall mounted, Under sink, Floor Mounted, Floor Mounted and Enclosed
	Warranty in years including replacement of filters Sediment & carbon twice a year)	1	1, 2, 3
	Warranty in years free replacement of machine	NA	1, 2, 3, NA
	Antiscalant- where silica is up to 10 ppm/where Mica is up to 100 ppm	No	Yes, No
	Availability of type test Test REPORT for Filtering Size of micron Particles	No	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	Yes	Yes, No

report from Govt/NABL/ilac Lab (Design Evaluation Report as per IS:14724		
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	No	Yes, No
Name and Address of NABL Accredited lab with OEM , If Not available put NA	-	*
Inlet Pipe & Fitting from raw water sources to water purification system	to be arranged by buyer/consignee	suitable pipe and fitting to be provided by seller 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 buyer /consignee	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	Jagdish Singh Gurjar	313001,O/o The SSPOs, udaipur division, Near chetak Circle above Head Post office building , Udaipur -313001	2	30

Bid Specific Additional Terms and Conditions

1. Availability of Service Centres: Bidder/OEM must have a Functional Service Centre in the State of each Consignee's Location in case of carry-in warranty. (Not applicable in case of goods having on-site warranty). If service center is not already there at the time of bidding, successful bidder / OEM shall have to establish one within 30 days of award of contract. Payment shall be released only after submission of documentary evidence of having Functional Service Centre.
2. Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
3. Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.

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

---Thank You---