

Bid Document

Bid Details	
Bid End Date/Time	25-07-2020 10:00:00
Bid Opening Date/Time	25-07-2020 10:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Ministry Of Railways
Department Name	Na
Organisation Name	N/a
Office Name	North Western Railway
Total Quantity	1
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 (1 pieces)

Technical Specifications

* As per GeM Category Specification

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Standards	Certification for the product	WQA	WQA
	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
	Manufacturers Health and Safety Management System Certifications	ISO 18001:2007	ISO 18001:2007
Performance Parameters	Maximum Input Water TDS allowed to the system	2000	2000
	Type of water purification technology	RO	RO
	Aavailability of sediment and activated carbon filter	Yes	*
	Operation	Fully automatic with auto cut off	Fully automatic with auto cut off
	Ultraviolet (UV) LAMP	No	No
	Conformity to Standard for Ultraviolet system	NA if UV not provided	NA if UV not provided
	"Ultra Voilet (UV) Lamp power in watts (Hint put zero in case UV is not available)"	10	*
	Recovery at 27 degree Centigrade	25-35	25-35
	Output Water Conforming standard	IS 10500 (latest)	*
	Filtration Capacity in liter/ hour	25	25
	Provision of Arsenic removal	Yes	Yes
	Provision of Floride	Yes	Yes

removal		
Provision of Chloride removal	Yes	Yes
Alkaline filter	No	No
Storage tank	Inbuilt	Inbuilt
Type of out put water Storage Tank	ABS Food Grade	ABS Food Grade
Storage Tank Capacity (storage tank external for higher capacity if required to be arranged by buyer)	25ltr	25ltr
Minimum inlet pressure	0.6 KG/CM2	0.6 KG/CM2
Maximum inlet pressure	3.5 KG/CM2	*
Maximum inlet temperature	35 DEGREE	35 DEGREE
Digital display	No	No
Real time TDS display	No	No
Real time pH Display	No	No
High pressure pump	Yes	Yes
Raw water/Chemical Raw water/Chemical Cleaning PUMP	Yes	Yes
Micron Filter	Yes	Yes
Total Dissolved Solids Removal Percentage from RO Membrane	90%	90%
Particulate Filter Porosity	10 Micro	10 Micro
Pressure vessel Sand Filter	No	No
Pressure vessel carbon Filter	No	No
Pressure Vessel Dual Media Filter	Yes	Yes
Membrane Housing	Yes	Yes
Body of filter	ABS Food grade	ABS Food grade
Auto cut	Yes	Yes
Number of candles	2	2

Miscellaneous Parameters	Power supply	230 Volt single phase	230 Volt single phase
	Installation Type	Wall mounted	Wall mounted
	Warranty in years including replacement of filters Sediment & carbon twice a year)	1	1
	Warranty in years free replacement of machine	1	1
	Antiscalant- where silica is up to 10 ppm/where Mica is up to 100 ppm	No	No
	Availability of type test Test REPORT for Filtering Size of micron Particles	Yes	Yes
	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
	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
Installation and Commissioning inclusive in the scope of Supply*	Yes	Yes
Availability of NABL Accredited Laboratory Facility with OEM	Yes	Yes
Name and Address of NABL Accredited lab with OEM , If Not available put NA	-	*
Inlet Pipe & Fitting from raw water scores to water purification system	Not applicable	Not applicable
Pipe & Fitting from Out let to purified water tank	Not applicable	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	Mohan Lal Gupta	302006, Divisional Stores Depot, Opposite Maan Industries, Railway Loco Colony, NW Railway,	1	15

Bid Specific Additional Terms and Conditions

- 1. Upload Manufacturer authorization:** Wherever Authorised Distributors are submitting the bid, Manufacturers Authorisation Form (MAF)/Certificate with OEM details such as name, designation, address, e-mail Id and Phone No. required to be furnished along with the bid.
- 2.** Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any.
- 3.** Material Test Certificate Should Be Sent Along with The Supply. The Material Will Be Checked by Buyer's Lab & the Results of the Lab will be the Sole Criteria for Acceptance of the Item.

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

---Thank You---