

### Bid Document

Bid Details	
Bid End Date/Time	25-07-2020 16:00:00
Bid Opening Date/Time	25-07-2020 16:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Ministry Of Railways
Department Name	Na
Organisation Name	N/a
Office Name	Central Railway Hq Stores Deptt.
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
----------	----

### ePBG Detail

Required	No
----------	----

### 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	<b>Certification for the product</b>	CE	CE
	Certification number and date	-	*
	<b>Manufacturers Quality System Certifications</b>	ISO 9001:2015	ISO 9001:2015
	<b>Manufacturers Environment Management System Certifications</b>	ISO 14001:2004	ISO 14001:2004
	<b>Manufacturers Health and Safety Management System Certifications</b>	ISO 18001:2007	ISO 18001:2007
Performance Parameters	<b>Maximum Input Water TDS allowed to the system</b>	3000	3000
	<b>Type of water purification technology</b>	RO+UV+UF	RO+UV+UF
	Aavailability of sediment and activated carbon filter	Yes	*
	<b>Operation</b>	Fully automatic with auto cut off	Fully automatic with auto cut off
	<b>Ultraviolet (UV) LAMP</b>	Yes	Yes
	<b>Conformity to Standard for Ultraviolet system</b>	IS 14724 (latest) for water purification system with Ultraviolet disinfection	IS 14724 (latest) for water purification system with Ultraviolet disinfection
	"Ultra Voilet (UV) Lamp power in watts (Hint put zero in case UV is not available)"	11	*
	<b>Recovery at 27 degree Centigrade</b>	70-80	70-80
	Output Water Conforming standard	IS 10500 (latest)	*
	<b>Filtration Capacity in liter/ hour</b>	50	50

<b>Provision of Arsenic removal</b>	Yes	Yes
<b>Provision of Floride removal</b>	Yes	Yes
<b>Provision of Chloride removal</b>	Yes	Yes
<b>Alkaline filter</b>	Yes	Yes
<b>Storage tank</b>	Not available	Not available
<b>Type of out put water Storage Tank</b>	NA	NA
<b>Storage Tank Capacity (storage tank external for higher capacity if required to be arranged by buyer)</b>	Storage tank to be arranged by buyer	Storage tank to be arranged by buyer
<b>Minimum inlet pressure</b>	0.6 KG/CM2	0.6 KG/CM2
Maximum inlet pressure	3.5 KG/CM2	*
<b>Maximum inlet temperature</b>	40 DEGREE	40 DEGREE
<b>Digital display</b>	No	No
<b>Real time TDS display</b>	No	No
<b>Real time pH Display</b>	No	No
<b>High pressure pump</b>	Yes	Yes
<b>Raw water/Chemical Raw water/Chemical Cleaning PUMP</b>	Yes	Yes
<b>Micron Filter</b>	Yes	Yes
<b>Total Dissolved Solids Removal Percentage from RO Membrane</b>	90%	90%
<b>Particulate Filter Porosity</b>	5 micron	5 micron
<b>Pressure vessel Sand Filter</b>	No	No
<b>Pressure vessel carbon Filter</b>	No	No
<b>Pressure Vessel Dual Media Filter</b>	No	No
<b>Membrane Housing</b>	Yes	Yes
<b>Body of filter</b>	ABS Food grade	ABS Food grade

Miscellaneous Parameters	<b>Auto cut</b>	Yes	Yes
	<b>Number of candles</b>	4	4
	<b>Power supply</b>	230 Volt single phase	230 Volt single phase
	<b>Installation Type</b>	Wall mounted	Wall mounted
	<b>Warranty in years including replacement of filters Sediment &amp; carbon twice a year)</b>	1	1
	<b>Warranty in years free replacement of machine</b>	1	1
	<b>Antiscalant- where silica is up to 10 ppm/where Mica is up to 100 ppm</b>	No	No
	<b>Availability of type test Test REPORT for Filtering Size of micron Particles</b>	No	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	-	*
	<b>Availability of test report from Govt/NABL/ilac Lab (Design Evaluation Report as per IS:14724</b>	Yes	Yes
	Test certificate No and date	-	*
	Name and Address of laboratory which conducted Test	-	*
	Availability of test report from	Yes	*

Govt/NABL/ilac Lab regarding water quality as per IS:10500		
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	*
<b>Availability of toll free centers for customer support</b>	No	No
<b>Installation and Commissioning inclusive in the scope of Supply*</b>	Yes	Yes
<b>Availability of NABL Accredited Laboratory Facility with OEM</b>	No	No
Name and Address of NABL Accredited lab with OEM , If Not available put NA	-	*
<b>Inlet Pipe &amp; Fitting from raw water scources to water purification system</b>	suitable pipe and fitting to be provided by seller up to 15 feet	suitable pipe and fitting to be provided by seller up to 15 feet
<b>Pipe &amp; Fitting from Out let to purified water tank</b>	To be arranged by seller (upto 15ft)	To be arranged by seller (upto 15ft)
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	Asharaf Kottekkaren	400001, OFFICE OF CSC, RPF, Central Railway, 3rd floor, Parcel Bldg, CSMT MUMBAI	2	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
2. 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.

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

**---Thank You---**