

Bid Document

Bid Details	
Bid End Date/Time	27-07-2020 21:00:00
Bid Opening Date/Time	27-07-2020 21:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	75 (Days)
Ministry/State Name	Ministry Of Railways
Department Name	Na
Organisation Name	N/a
Office Name	Eastern Railway
Total Quantity	8
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 (8 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
Performance Parameters	Manufacturers Environment Management System Certifications	ISO 14001:2004	ISO 14001:2004
	Manufacturers Health and Safety Management System Certifications	ISO 18001:2007	ISO 18001:2007
	Maximum Input Water TDS allowed to the system	3000	3000
	Type of water purification technology	RO+UV+UF	RO+UV+UF
	Availability of sediment and activated carbon filter	Yes	*
	Operation	Fully automatic with auto cut off	Fully automatic with auto cut off
	Ultraviolet (UV) LAMP	Yes	Yes
	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
	"Ultra Violet (UV) Lamp power in watts (Hint put zero in case UV is not available)"	45	*
	Recovery at 27 degree Centigrade	30-40	30-40
	Output Water Conforming standard	IS 10500 (latest)	*
	Filtration Capacity in liter/ hour	250	250
	Provision of Arsenic removal	Yes	Yes
	Provision of Floride removal	Yes	Yes
	Provision of Chloride removal	Yes	Yes
	Alkaline filter	Yes	Yes
	Storage tank	Not available	Not available
	Type of out put water Storage Tank	Stainless Steel	Stainless Steel
	Storage Tank Capacity (storage tank external for higher capacity if required to be arranged by buyer)	Storage tank to be arranged by buyer	8ltr, 10ltr, 12ltr, 16ltr, 25ltr, 50ltr, Storage tank to be arranged by buyer, NA
	Minimum inlet pressure	0.6 KG/CM2	0.6 KG/CM2
	Maximum inlet pressure	3.5 KG/CM2	*
	Maximum inlet temperature	40 DEGREE	40 DEGREE

	Digital display	Yes	Yes
	Real time TDS display	Yes	Yes
	Real time pH Display	Yes	Yes
	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	50%	50%
	Particulate Filter Porosity	10 Micro	10 Micro
	Pressure vessel Sand Filter	Yes	Yes
	Pressure vessel carbon Filter	Yes	Yes
	Pressure Vessel Dual Media Filter	Yes	Yes
	Membrane Housing	Yes	Yes
	Body of filter	Stainless Steel	Stainless Steel
	Auto cut	Yes	Yes
	Number of candles	2	2
	Power supply	230 Volt single phase	230 Volt single phase
	Installation Type	Floor Mounted and Enclosed	Floor Mounted and Enclosed
Miscellaneous Parameters	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	Yes	Yes
	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	No	Yes, No

(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	No	No
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 sources to water purification system	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
Pipe & Fitting from Out let to purified water tank	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	Chandra Mohan Mishra	713301,DRM Building, Eastern Railway, Asansol	8	15
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Bid Specific Additional Terms and Conditions

- 1.Scope of supply (Bid price to include all cost components) : Supply Installation Testing Commissioning of Goods and Training of operators and providing Statutory Clearances required (if any)
- 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.
- 3.Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
- 4.IMPORTED PRODUCTS: In case of imported products, OEM or Authorized Seller of OEM should have a registered office in India to provide after sales service support in India. The certificate to this effect should be submitted.
- 5.Warranty period of the supplied products shall be 1 years from the date of final acceptance of goods or after completion of installation, commissioning & testing of goods (if included in the scope of supply), at consignee location. OEM Warranty certificates must be submitted by Successful Bidder at the time of delivery of Goods. The seller should guarantee the rectification of goods in case of any break down during the guarantee period. Seller should have well established Installation, Commissioning, Training, Troubleshooting and Maintenance Service group in INDIA for attending the after sales service. Details of Service Centres near consignee destinations are to be uploaded along with the bid

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

---Thank You---