

Bid Document

Bid Details	
Bid End Date/Time	18-07-2020 12:00:00
Bid Opening Date/Time	18-07-2020 12:30:00
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	Office Of Principal Chief Materials Manager, South Western Railway, Hubli
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
----------	----

ePBG Detail

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

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	NA	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
	Manufacturers Health and Safety Management System Certifications	ISO 18001:2007	ISO 18001:2007
Performance Parameters	Maximum Input Water TDS allowed to the system	3000	3000
	Type of water purification technology	RO+UV+UF	RO+UV+UF
	Aavailability 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 Voilet (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	NA	NA
Storage Tank Capacity (storage tank external for higher capacity if required to be arranged by buyer)	NA	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

Miscellaneous Parameters	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
	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 (Design Evalution Report as per IS:14724	No	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	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 scources 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	S Gnanadurai	570001,O/o Divisional Railway Manager, Office Complex, South Western Railway Divisional Office, Mysore.	1	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---