



Bid Number: GEM/2020/B/697987
Dated: 04-07-2020

Bid Document

Bid Details	
Bid End Date/Time	20-07-2020 14:00:00
Bid Opening Date/Time	20-07-2020 14:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	60 (Days)
Ministry/State Name	Ministry Of Power
Department Name	Power Grid Corporation Of India Limited
Organisation Name	Power Grid Corporation Of India Limited
Office Name	Corporate Office Gurgaon
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
Document required from seller	OEM Authorization Certificate *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
Bid to RA enabled	No
Inspection Required	No
Estimated Bid Value	45000

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	CE	CE
	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	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)"	0	*
	Recovery at 27 degree Centigrade	30-40	30-40
	Output Water	IS 10500 (latest)	*

Conforming standard		
Filtration Capacity in liter/ hour	50	50
Provision of Arsenic removal	No	No
Provision of Floride removal	No	No
Provision of Chloride removal	No	No
Alkaline filter	No	No
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	0.3 KG/CM2	0.3 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	No	No
Raw water/Chemical Raw water/Chemical Cleaning PUMP	No	No
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	Yes	Yes
Pressure vessel carbon Filter	Yes	Yes
Pressure Vessel Dual Media Filter	Yes	Yes

Miscellaneous Parameters	Membrane Housing	Yes	Yes
	Body of filter	ABS Food grade	ABS Food grade
	Auto cut	Yes	Yes
	Number of candles	5	5
	Power supply	230 Volt single phase	230 Volt single phase
	Installation Type	Floor Mounted	Floor Mounted
	Warranty in years including replacement of filters Sediment & carbon twice a year)	1	1
	Warranty in years free replacement of machine	NA	NA
	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 scorces to water purification system	to be arranged by buyer/consignee	to be arranged by buyer/consignee
Pipe & Fitting from Out let to purified water tank	To be arranged by buyer /consignee	To be arranged by buyer /consignee
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	Sanjeev Kumar	852201,Power Grid Corporation of India Limited, H/O-Rajeshwar Mishra, Ward No.-10, Gandhi Path, Near Surya Hopital, Saharasa, Bihar-852201	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
2. 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
3. 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---