

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)	30 (Days)
Ministry/State Name	Ministry Of Ayush
Department Name	Na
Organisation Name	N/a
Office Name	Delhi
Total Quantity	1
Item Category	Potable water purification system with inbuilt water cooler.
Bidder Turnover (Last 3 Years)	1 Lakh (s)
OEM Average Turnover (Last 3 Years)	1 Lakh (s)
Experience Criteria	1 Year (s)
MSE Exemption for Years Of Experience and Turnover	Yes
Startup Exemption for Years Of Experience and Turnover	Yes
Document required from seller	Experience Criteria,Past Performance,Bidder Turnover,Certificate (Requested in ATC),OEM Annual Turnover *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
Past Performance	10 %
Bid to RA enabled	No
Inspection Required	No

EMD Detail

Required	No
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ePBG Detail

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Required	No
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Splitting

Bid splitting not applied.

1. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU / Public Listed Company for number of years as indicated in the bid document before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the year. In case of bunch bids, the category of primary product having highest value should meet this criterion.

2. OEM Turn Over Criteria: The minimum average annual financial turnover of the OEM of the offered product during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the OEM is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.

3. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 10% of bid quantity, in at least one of the last three years before the bid opening date to any Central / State Govt Organization / PSU / Public Listed Company. Copies of relevant contracts (proving supply of cumulative order quantity in any one year) to be submitted along with bid in support of quantity supplied in the relevant year. In case of bunch bids, the category related to primary product having highest bid value should meet this criterion.

Potable Water Purification System With Inbuilt Water Cooler. (1 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Standard Parameter	Certification for the product	CE	CE
	Certification No and Date	-	*
	Manufacturers Quality System Certifications	-	*
	Manufacturers Environment Management System Certifications	-	*
	Manufacturers Health and Safety Management System	-	*

	Certifications		
	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
	Output Water Conforming standard	IS 10500 (latest)	*
Performance Parameter	Type of water purification technology	RO +UV	RO +UV
	Power consumptions of system (with \pm 5% tolerance) (in watt)	775	775
	Maximum Input Water TDS allow to the system	3000	3000
	Input water hardness	500 ppm or less	*
	Input water pH	6.5 to 8.5	*
	Input water chlorine	0.2 ppm	*
	Input water iron	0.2 ppm	*
	Input water turbidity	Less than 5 NTU	*
	Operation mode	Fully automatic with auto cut off	Fully automatic with auto cut off
	Availability of sediment and activated carbon filter	Yes	*
	Ultraviolet (UV) LAMP	Yes	Yes Or higher
	Ultraviolet (UV) Lamp power in watts (Hint put zero in case UV is not available)	11	*
	Provision of Arsenic removal	Yes	Yes Or higher
	Provision of Fluoride removal	Yes	Yes Or higher
	Provision of Chloride removal	Yes	Yes Or higher
	Alkaline filter	Yes	Yes Or higher
	Storage tank	In-built	*
	Material of water Storage Tank	Stainless Steel SS 304	Stainless Steel SS 304
	Storage tank capacity up to float valve level (in liter)	120	120

Stages of purification	7	*
No of RO Membranes provided	5	*
RO Membrane rating	100 GPD	100 GPD
RO Membrane flushing	Auto flush at every start,every stop and every one hour for 1 minutes	Auto flush at every start,every stop and every one hour for 1 minutes
No of Particulate filter provided	1	*
Particulate Filter size	10 inch	10 inch
Particulate Filter Porosity	5 micron	5 micron
No of Activated Carbon filter provided	1	*
Activated Carbon filter Size	10 Inch	10 Inch
No of Antiscalant filter provided	0	*
Antiscalant- where silica is up to 10 ppm/where Mica is up to 100 ppm	No	Yes, No Or higher
Nano Silver leaching filtration	No	Yes, No Or higher
Minimum inlet pressure	0.3 KG/CM2	0.3 KG/CM2
Maximum inlet pressure	3.5 KG/CM2	*
Maximum Inlet water temperature	40 degree celsius	*
Digital display	No	Yes, No Or higher
Real time TDS display	No	Yes, No Or higher
Real time pH Display	No	Yes, No Or higher
High pressure pump	Yes	Yes Or higher
Raw water/Chemical Raw water/Chemical Cleaning pump	Yes	Yes Or higher
Recovery percentage at 27 degree centigrade	70-80	70-80
Filtration water capacity in liter/ hour	80	80

	TDS removal percentage from RO Membrane	90%	90%
	Pressure vessel Sand Filter	No	Yes, No Or higher
	Pressure vessel Carbon Filter	No	Yes, No Or higher
	Pressure Vessel Dual Media Filter	No	Yes, No Or higher
	Body of filter	ABS Food grade	ABS Food grade
	Membrane Housing	Yes	Yes Or higher
	Number of candles	6 or more	6 or more
Cooler Parameters	Type of compressor	Rotary	Rotary
	Refrigerant Used	R22	R22
	Refrigeration temperature	15 to 17	15 to 17
	Type of Condenser	Fin type/tube type	*
	Evaporator material	Cooper	*
	Water Storage tank insulation	PUF thermal insulation	*
	Provision for Hot water	No	Yes, No Or higher
	Number of Cold Water Faucets	3	3
	Number of Normal Water Faucets	NA	NA
	Number of Hot Water Faucets	Na	Na
	Water flow rate through Faucets(in liter per hour)	50	*
	Cooling capacity at comfort level (17 ± 1 degree celsius) (in liter per hour)	80	80
	Installation Type	Floor Mounted	Floor Mounted
	Power supply	SINGLE PHASE (230 ± 10 % VOLT,%0 Hz)	SINGLE PHASE (230 ± 10 % VOLT,%0 Hz)
	Maximum running current in ampere at rated condition	4.5 ± 10 %	*
	Warranty in years including electronic ,electric parts, replacement of	1	1

	filters twice a year)		
	Warranty period without Filter , electronic and electrical parts	1	1
	Warranty period without Filter & inclusive of electronic and electrical parts	1	1
Additional Parameters	Availability of type test Test REPORT for Filtering Size of Particles	No	Yes, No Or higher
	TYPE Test certificate No and date for Filtering Size of Particles	-	*
	Name and Address of laboratory which conducted Test for Filtering Size of Particles:	-	*
	Availability of Test Report on Microbial Efficacy from Govt/NABL/ilac Lab	No	Yes, No Or higher
	Test certificate No and date for Microbial Efficacy	-	*
	Name of the lab for Microbial Efficacy	-	*
	Availability of type test certificate from NABL/ILAC Lab design evaluation report as per IS 14724	No	Yes, No Or higher
	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 centres for customer support	No	Yes, No Or higher
	Installation and Commissioning	Yes	Yes Or higher

inclusive in the scope of Supply*		
Availability of NABL Accredited Laboratory Facility with OEM	No	Yes, No Or higher
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 20 feet	suitable pipe and fitting to be provided by seller up to 20 feet
Pipe & Fitting from Out let to purified water tank	to be arranged by seller (upto 20 feet)	to be arranged by seller (upto 20 feet)
Pipe and pipe fitting material	HDPE	*
Electrical fitting and plug points	To be arranged by buyer /consignee	To be arranged by buyer /consignee
ISI marked Electronic and electrical parts provided	Yes	Yes Or higher
Open installation of Water pipe fitting and waste water pipe line fitting provided	Yes	*
Scope Civil Work if any required during installation	All Civil work shall be responsibility of buyer	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	Central Ayurveda Research Institute for Cardiovascular Diseases	110026,Road No.66, Punjabi Bagh New Delhi -110026	1	15

Bid Specific Additional Terms and Conditions

1. 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.
2. Timely Servicing / rectification of defects during warranty period: After having been notified of the defects / service requirement during warranty period, Seller has to complete the required Service / Rectification within 3 days time limit. If the Seller fails to complete service / rectification with defined time limit, a penalty of 0.5% of Unit Price of the product shall be charged as penalty for each week of delay from the seller. Seller can deposit the penalty with the Buyer directly else the Buyer shall have a right to recover all such penalty amount from the Performance Security (PBG). Cumulative Penalty cannot exceed more than 10% of the total contract value after which the Buyer shall have the right to get the service / rectification done from alternate sources at the risk and cost of the Seller besides forfeiture of PBG. Seller shall be liable to re-imburse the cost of such service / rectification to the Buyer.
3. Successful bidder will have to ensure that adequate number of dedicated technical service personals / engineers are designated / deployed for attending to the Service Request in a time bound manner and for ensuring Timely Servicing / rectification of defects during warranty period, as per Service level agreement indicated in the relevant clause of the bid.
4. Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
5. Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.
6. ISO 9001: The bidder must have ISO 9001 certification.
7. 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.
8. 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.

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

---Thank You---