

Bid Document

Bid Details	
Bid End Date/Time	22-07-2020 15:00:00
Bid Opening Date/Time	22-07-2020 15:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	75 (Days)
Ministry/State Name	Ministry Of Petroleum And Natural Gas
Department Name	Indian Oil Corporation Limited
Organisation Name	loc Haldia Refinery
Office Name	Materials Purchase
Total Quantity	20
Item Category	Potable water purification system with inbuilt water cooler. (PAC Only)
Bidder Turnover (Last 3 Years)	9 Lakh (s)
Experience Criteria	2 Year (s)
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	Experience Criteria,Bidder Turnover,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

EMD Detail

Advisory Bank	State Bank of India
EMD Percentage(%)	1.00
EMD Amount	17480

ePBG Detail

Required	No
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(a). EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy.

(b). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

Beneficiary:

MATERIALS MANAGER

Materials Purchase, INDIAN OIL CORPORATION LIMITED, IOC Haldia Refinery, Ministry of Petroleum and Natural Gas
(Ayusman Banerjee)

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.

Potable Water Purification System With Inbuilt Water Cooler. (20 pieces) (Under PAC)

Make	aquaguard
Model	aquaguardgreenpurechillrouv80ss

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	NA	*
	Manufacturers Quality System Certifications	NA	*

Performance Parameter	Manufacturers Environment Management System Certifications	NA	*
	Manufacturers Health and Safety Management System Certifications	NA	*
	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)	*
	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	2000	2000
	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)	8	*
	Provision of Arsenic removal	No	Yes, No Or higher
	Provision of Fluoride removal	Yes	Yes Or higher
	Provision of Chloride removal	Yes	Yes Or higher
	Alkaline filter	No	Yes, No 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)	80	80
Stages of purification	7	*
No of RO Membranes provided	4	*
RO Membrane rating	75 GPD	75 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	3	*
Particulate Filter size	10 inch	10 inch
Particulate Filter Porosity	5 micron	5 micron
No of Activated Carbon filter provided	2	*
Activated Carbon filter Size	10 Inch	10 Inch
No of Antiscalant filter provided	1	*
Antiscalant- where silica is up to 10 ppm/where Mica is up to 100 ppm	Yes	Yes Or higher
Nano Silver leaching filtration	Yes	Yes Or higher
Minimum inlet pressure	1 KG/CM2	1 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	No	Yes, No Or higher

	Cleaning pump		
	Recovery percentage at 27 degree centigrade	30-40	30-40
	Filtration water capacity in liter/ hour	50	50
	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	HFC-R-134/A	HFC-R-134/A
	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	2	2
	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)	60	60
	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 filters twice a year)	NA	NA
		Warranty period without Filter , electronic and electrical parts	Na	Na
		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	NA	*
		Name and Address of laboratory which conducted Test for Filtering Size of Particles:	NA	*
		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	NA	*
		Name of the lab for Microbial Efficacy	NA	*
		Availability of type test certificate from NABL/ILAC Lab design evaluation report as per IS 14724	Yes	Yes 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	Yes	*

	hard and soft copy		
	Availability of toll free centres for customer support	Yes	Yes Or higher
	Installation and Commissioning inclusive in the scope of Supply*	Yes	Yes Or higher
	Availability of NABL Accredited Laboratory Facility with OEM	Yes	Yes Or higher
	Name and Address of NABL Accredited lab with OEM , If Not available put NA	Aquachek Laboratory Dwaka, Delhi	*
	Inlet Pipe & Fitting from raw water sources 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	PVC	*
	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	Govind Ramdhari Mehra	721606,MATERIALS STORES DEPARTMENT, IOCL HALDIA REFINERY, HALDIA,	20	60
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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. Bidder Turn Over Criteria: The minimum average annual financial turnover of the bidder 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 bidder 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. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15% of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for percentage of 100% of total value.

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

---Thank You---