

Bid Document

Bid Details	
Bid End Date/Time	20-07-2020 17:00:00
Bid Opening Date/Time	20-07-2020 17:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Ministry Of Heavy Industries And Public Enterprises
Department Name	Department Of Heavy Industry
Organisation Name	Cement Corporation Of India Limited (cci)
Office Name	Rajban Cement Factory
Total Quantity	3
Item Category	Potable water purification system with inbuilt water cooler.
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
Estimated Bid Value	127500

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 With Inbuilt Water Cooler. (3 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Standard Parameter	Certification for the product	WQA	WQA
	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	RO
	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	No	Yes, No Or higher

Ultraviolet (UV) Lamp power in watts (Hint put zero in case UV is not available)	0	*
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	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)	120	120
Stages of purification	3	*
No of RO Membranes provided	2	*
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	2	*
Particulate Filter size	20 inch	20 inch
Particulate Filter Porosity	20 micron	20 micron
No of Activated Carbon filter provided	2	*
Activated Carbon filter Size	20 Inch	20 Inch
No of Antiscalant filter provided	2	*
Antiscalant- where silica is up to 10 ppm/where Mica is up to 100 ppm	No	Yes, No Or higher
Nano Silver leaching filtration	Yes	Yes Or higher
Minimum inlet pressure	0.3 KG/CM2	0.3 KG/CM2
Maximum inlet	3.5 KG/CM2	*

	pressure		
	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	No	Yes, No Or higher
	Recovery percentage at 27 degree centigrade	30-40	30-40
	Filtration water capacity in liter/ hour	120	120
	TDS removal percentage from RO Membrane	90%	90%
	Pressure vessel Sand Filter	Yes	Yes Or higher
	Pressure vessel Carbon Filter	Yes	Yes Or higher
	Pressure Vessel Dual Media Filter	Yes	Yes Or higher
	Body of filter	Stainless Steel	Stainless Steel
	Membrane Housing	Yes	Yes Or higher
	Number of candles	3	3
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	1	1
	Number of Normal Water Faucets	1	1
	Number of Hot	Na	Na

	Water Faucets		
	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 filters twice a year)	1	1
	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	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	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 scores 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
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	All Civil work shall be responsibility of buyer	All Civil work shall be responsibility of buyer

	installation		
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* 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	Neelesh Kumar Tripathi	173029,Cement Corporation of India Ltd., Rajban Cement Factory,Distt. Sirmour(H.P.)	3	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. Without prejudice to Buyer's right to price adjustment by way of discount or any other right or remedy available to Buyer, Buyer may terminate the Contract or any part thereof by a written notice to the Seller, if:
 - i) The Seller fails to comply with any material term of the Contract.
 - ii) The Seller informs Buyer of its inability to deliver the Material(s) or any part thereof within the stipulated Delivery Period or such inability otherwise becomes apparent.
 - iii) The Seller fails to deliver the Material(s) or any part thereof within the stipulated Delivery Period and/or to replace/rectify any rejected or defective Material(s) promptly.
 - iv) The Seller becomes bankrupt or goes into liquidation.
 - v) The Seller makes a general assignment for the benefit of creditors.
 - vi) A receiver is appointed for any substantial property owned by the Seller.
 - vii) The Seller has misrepresented to Buyer, acting on which misrepresentation Buyer has placed the Purchase Order on the Seller.
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.
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.

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

---Thank You---