

### Bid Document

Bid Details	
Bid End Date/Time	23-07-2020 12:00:00
Bid Opening Date/Time	23-07-2020 12:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Ministry Of External Affairs
Department Name	Na
Organisation Name	N/a
Office Name	Consular, Passport Visa Division, Patiala House Annexe, Tilak Marg, New Delhi
Total Quantity	1
Item Category	Potable water disinfection system as per CSIR
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
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### ePBG Detail

Required	No
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### Splitting

Bid splitting not applied.

### Potable Water Disinfection System As Per CSIR ( 1 pieces )

### Technical Specifications

[\\* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Standards	Conformity to specification	As per technology developed by CSIR for potable water disinfection system	*
	CSIR Transfer of technology agreement Number and date	-	*
	CSIR Technology Transfer agreement validity (commencement of validity and end date to be indicated)	-	*
Performance Parameters	Type	ESS-MGT (Mineral Guard Technology) developed by CSIR	*
	ESS-MGT technology feature	Membrane free, UV free and does not remove existing minerals from the water during purification	*
	Type of technology	Electrically Operated Electrolysis based water purifier	*
	<b>Power Consumption (Watts)</b>	200 W	200 W
	<b>Backup power for continuous operations in case of failure of electricity supply in hrs</b>	2	2, 3, 8, 24, 48
	<b>Number of Electrolysis Plates</b>	6	4, 6
	<b>Maximum Input Water TDS</b>	500	500, 800
	Body material	ABS	*
	<b>Top cover material</b>	ABS (food grade)	ABS (food grade), Acrylic, SS 304
	<b>Number of electrolysis plate</b>	6	6
	<b>Material of electrolysis plate</b>	SS 316	SS 316
	Power supply	230 V +-10%, 50 Hz	*

Output Parameters	<b>Battery provided</b>	No	No
	<b>Voltage of battery in Volts</b>	NA (If no battery is provided)	NA (If no battery is provided)
	Recovery at 27 degree Centigrade	98 % , Negligible water wastage	*
	Output Water of ESS-MGT system Conforming to Indian Standard	IS 10500 (latest)	*
	<b>Output water capacity (Litre/Hour)</b>	100	100
	Provision for Arsenic and Fluoride removal capability	Yes	*
	Mineral Content of Purified Water	No removal of Essential Minerals-Pure Natural Drinking Water	*
	<b>Compatibility with solar energy</b>	No	Yes, No
Additional Parameters	<b>Pre Filter Vessels</b>	No	No
	<b>Sediment Filter</b>	No	No
	Auto cut	Yes	*
	<b>Warranty period (for free replacement of machine) in years</b>	1	1
	<b>Warranty Period (for scope including free activated carbon onsite replacement twice a year) in years</b>	1	1, 2
	Antiscalant- where silica is up to 100 ppm/where Mica is up to 100 ppm	Yes	*
	Provides safe drinking water that can be stored without recontamination up to 30 hours	Yes	*
	No exogenous chemicals added during decontamination process	Yes	*
	Provision for Chloride & Fluoride removal facility	Yes	*

	<b>Alkaritch technology filter</b>	No	No
	<b>Solar Power in watts</b>	80 W	80 W
	<b>Water cooler (in case of 400/500 LPH output water)</b>	Not applicable for model below 400/500 LPH output water	Not applicable for model below 400/500 LPH output water
	<b>Advertisement Panel (In case of 400/500 LPH output water)</b>	No	No
Reports	Availability of type test report (Design Evaluation Reports) as per IS 10500	Yes	*
	Test certificate Number and date	-	*
	Name and Address of laboratory which conducted Test	-	*

\* 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	Peeyush Verma	226010,Regional Passport Office, Lucknow, Passport Bhawan, Vipin Khand, Gomti Nagar	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. Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
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. 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---**