

### Bid Document

Bid Details	
Bid End Date/Time	28-07-2020 11:00:00
Bid Opening Date/Time	28-07-2020 11:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Ministry Of Home Affairs
Department Name	Central Armed Police Forces
Organisation Name	Sashastra Seema Bal (ssb)
Office Name	Fhq Ssb New Delhi
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
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 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	<b>Certification for the product</b>	NA	CE, WQA, NSF, NA
	Certification number and date	-	*

Performance Parameters	<b>Manufacturers Quality System Certifications</b>	ISO 9001:2015	ISO 9001:2015
	<b>Manufacturers Environment Management System Certifications</b>	NA	ISO 14001:2004, NA
	<b>Manufacturers Health and Safety Management System Certifications</b>	NA	ISO 18001:2007, NA
	<b>Maximum Input Water TDS allowed to the system</b>	2000	1000, 2000, 3000
	<b>Type of water purification technology</b>	RO	RO+UF, RO+UV+UF, RO+UV+UF+Alkaline, RO+UV+Alkaline, RO, UV, RO+Alkaline, RO +UV, UV+UF
	Aavailability of sediment and activated carbon filter	Yes	*
	<b>Operation</b>	Fully automatic with auto cut off	Fully automatic with auto cut off, Semi Automatic with External Auto Cut Off
	<b>Ultraviolet (UV) LAMP</b>	No	Yes, No
	<b>Conformity to Standard for Ultraviolet system</b>	IS 14724 (latest) for water purification system with Ultraviolet disinfection	IS 14724 (latest) for water purification system with Ultraviolet disinfection, NA if UV not provided
	"Ultra Voilet (UV) Lamp power in watts (Hint put zero in case UV is not available)"	16	*
	<b>Recovery at 27 degree Centigrade</b>	50-60	25-35, 30-40, 50-60, 70-80, 90-100
	Output Water Conforming standard	IS 10500 (latest)	*
	<b>Filtration Capacity in liter/ hour</b>	250	*
	<b>Provision of Arsenic removal</b>	Yes	Yes, No
	<b>Provision of Floride removal</b>	Yes	Yes, No
	<b>Provision of Chloride removal</b>	Yes	Yes, No
	<b>Alkaline filter</b>	Yes	Yes, No
	<b>Storage tank</b>	Not available	Inbuilt, Not available
	<b>Type of out put water Storage Tank</b>	NA	Stainless Steel, Clay Pot (Terracotta), Copper, ABS Food Grade, NA
	<b>Storage Tank Capacity (storage tank external for higher capacity if required to be arranged by buyer)</b>	NA	8ltr, 10ltr, 12ltr, 16ltr, 25ltr, 50ltr, Storage tank to be arranged by buyer, NA
	<b>Minimum inlet pressure</b>	0.3 KG/CM2	0.3 KG/CM2, 0.6 KG/CM2, 1 KG/CM2

	Maximum inlet pressure	3.5 KG/CM2	*
	<b>Maximum inlet temperature</b>	35 DEGREE	35 DEGREE, 40 DEGREE
	<b>Digital display</b>	Yes	Yes, No
	<b>Real time TDS display</b>	No	Yes, No
	<b>Real time pH Display</b>	No	Yes, No
	<b>High pressure pump</b>	Yes	Yes, No
	<b>Raw water/Chemical Raw water/Chemical Cleaning PUMP</b>	Yes	Yes, No
	<b>Micron Filter</b>	Yes	Yes, No
	<b>Total Dissolved Solids Removal Percentage from RO Membrane</b>	90%	25%, 50%, 75%, 90%, NA for UV only
	<b>Particulate Filter Porosity</b>	5 micron	5 micron, 10 Micro, 20 micron
	<b>Pressure vessel Sand Filter</b>	Yes	Yes, No
	<b>Pressure vessel carbon Filter</b>	Yes	Yes, No
	<b>Pressure Vessel Dual Media Filter</b>	Yes	Yes, No
	<b>Membrane Housing</b>	Yes	Yes, No
	<b>Body of filter</b>	ABS Food grade	ABS Food grade, MS Powder Coated, Stainless Steel
	<b>Auto cut</b>	Yes	Yes, No
	<b>Number of candles</b>	2	2, 3, 4, 5, 6 or more
	<b>Power supply</b>	230 Volt single phase	230 Volt single phase, 415 Volt three phase
	<b>Installation Type</b>	Floor Mounted	Wall mounted, Under sink, Floor Mounted, Floor Mounted and Enclosed
Miscellaneous Parameters	<b>Warranty in years including replacement of filters Sediment &amp; carbon twice a year)</b>	1	1, 2, 3
	<b>Warranty in years free replacement of machine</b>	NA	1, 2, 3, NA
	<b>Antiscalant- where silica is up to 10 ppm/where Mica is up to 100 ppm</b>	No	Yes, No
	<b>Availability of type test Test REPORT for Filtering Size of micron Particles</b>	No	Yes, No
	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	-	*
<b>Availability of test report from Govt/NABL/ilac Lab (Design Evaluation Report as per IS:14724)</b>	No	Yes, No
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	*
<b>Availability of toll free centers for customer support</b>	No	Yes, No
<b>Installation and Commissioning inclusive in the scope of Supply*</b>	No	Yes, No
<b>Availability of NABL Accredited Laboratory Facility with OEM</b>	No	Yes, No
Name and Address of NABL Accredited lab with OEM , If Not available put NA	-	*
<b>Inlet Pipe &amp; Fitting from raw water sources to water purification system</b>	to be arranged by buyer/consignee	suitable pipe and fitting to be provided by seller up to 15 feet, to be arranged by buyer/consignee, Not applicable
<b>Pipe &amp; Fitting from Out let to purified water tank</b>	To be arranged by buyer /consignee	To be arranged by seller (upto 15ft), To be arranged by buyer /consignee, Not applicable
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	Vijay Dixit	246174,CTC SSB Srinagar	1	15

**Bid Specific Additional Terms and Conditions**

1.Scope of supply (Bid price to include all cost components) : Only supply of Goods

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

**---Thank You---**