

Bid Document

Bid Details	
Bid End Date/Time	03-07-2020 12:00:00
Bid Opening Date/Time	2020-07-03 12:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	70 (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	Equipment for Iron / Arsenic / Fluoride Removal from Ground Water
Bidder Turnover (Last 3 Years)	2 Lakh (s)
OEM Average Turnover (Last 3 Years)	5 Lakh (s)
Experience Criteria	1 Year (s)
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years Of Experience and Turnover	Yes
Document required from seller	Experience Criteria,Bidder Turnover,Certificate (Requested in ATC),OEM Authorization Certificate,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
Bid to RA enabled	Yes

EMD Detail

Required	No
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ePBG Detail

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.

Equipment For Iron / Arsenic / Fluoride Removal From Ground Water (1 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
TYPE	Elements Removable	Iron & Fluoride Removal	Iron & Fluoride Removal
	Water Source	Ground Water from Overhead Tank	Ground Water from Overhead Tank
	Rated Discharge Capacity - Minimum (Liters/hr)	1000	1000
	Working Pressure (Minimum inlet Pressure)	10	*
	Prefilter Provided with Flushing Valve	Yes	Yes
	Backwash required to remove the accumulated sludge, if any	Yes	*
	Pumping required for Backwash	NA	*
	Operation of Backwash Valve	Automatic	*

Frquency of Backwash	1000	*
PH adjustment required	Yes	Yes
Regeneration of Removal media required	Yes	Yes
Removal Media / Chemical Conform to International Standard	NA	*
Total Weight of Base Media / Filter Media provided	40	*
"Life of Base Media / Filter Media on the basis of 10 hours of operation Per day at Rated discharge capacity"	3	3.0
Agreed to STC of the Product	Yes	*
IRON REMOVAL UNIT	Iron removal Technology	Aeration, Oxidation and Filtration
	Chemical name of Iron Removal media	-
	Maximum Iron Content of Inlet Water (ppm)	20
	Maximum Iron Content of Outlet Water @ Iron content of inlet water (ppm)	1
	Material of Iron removal Vessel	Stainless Steel
	Protective Coating for Iron removal Vessel	Galvanized
	Number of Iron removal Vessels	2
	Diameter of Iron Removal Vessel	0
	Height of Iron Removal Vessel	0
	Thickness of Iron Removal Vessel	0
	Total Weight of Iron Removal Media provided	10

ARSENIC REMOVAL UNIT	"Life of Iron Removal Media on the basis of 10 hours of operation Per day at Rated discharge capacity"	2	2.0
	Cost of Iron Removal Media to treat 1000 Liters of water (Rs)	1000	*
	Field testing kit provided for testing Iron conten	Yes	Yes
	Arsenic removal Technology	Sorption Technique	Sorption Technique
	Chemical name of Arsenic Removal media	-	*
	Maximum Arsenic Content of Inlet Water(ppm)	2	2
	Maximum Arsenic Content of Outlet Water @ Arsenic content of inlet water(ppm)	0	*
	Material of Arsenic removal Vessel	UV Resistant FRP	UV Resistant FRP
	Protective Coating for Arsenic removal Vessel	Galvanized	Galvanized
	Number of Arsenic removal Vessels	1	*
	Diameter of Arsenic Removal Vessel	1500	*
	Height of Arsenic Removal Vessel	2500	*
	Thickness of Arsenic Removal Vessel	10	*
	Total Weight of Arsenic Removal Media Provided	10	*
	Life of Arsenic Removal Media on the basis of 10 hours of operation Per day at Rated discharge capacity	2	2.0
	Availability of Toxicity Leaching Characteristic Procedure (TLCP)	Yes	*

	Certificate for Arsenic Removal media		
	Cost of Arsenic Removal Media to treat 1000 Liters of water (Rs)	10	*
	"Field testing kit provided for testing Arsenic (inclusive in the scope of supply)"	Yes	Yes
FLUORIDE REMOVAL UNIT	Fluoride removal Technology	Coagulation - Precipitation / Filtration	Coagulation - Precipitation / Filtration
	Chemical name of Fluoride Removal media	-	*
	Maximum Fluoride Content of Inlet Water(ppm)	7	7
	Maximum Fluoride Content of Outlet Water @ Fluoride content of inlet water(ppm)	1	*
	Material of Fluoride Removal Vessel	Structural Steel	Structural Steel
	Protective Coating for Fluoride Removal Vessel	Powder Coated	Powder Coated
	Number of Fluoride removal Vessels	2	*
	Diameter of Vessel	1500	*
	Height of Vessel	2500	*
	Thickness of Fluoride Removal Vessel	10	*
	Number of Dosing Pumps	1	*
	Total Weight of Fluoride Removal Media provided	10	*
	Life of Fluoride Removal Media on the basis of 10 hours of operation Per day at Rated discharge capacity	1	1.0
	Chemical (s) required to treat 1000 Liters of water having 7 ppm	10	*

	Fluoride, In case of Chemical dosing,		
	Cost of Fluoride Removal Media / Chemical (s) / Chemical (s) to treat 1000 Liters of water (Rs)	10	*
	In case of Chemical dosing, Period for which Chemical (s) supplied, as per STC (Inclusive in the scope of supply)	1	1.0
	Field testing kit provided for testing Fluoride	Yes	Yes
TRIAL RUN / WARRANTY	Warranty	1	1.0
	Installation & Commissioning	Installation and Commissioning inclusive in the scope of supply	*
	Trial Run and Training offered (inclusive in the scope of supply)	5	5.0
	Availability of Test Reports from Central Govt / NABL approved / ILAC accredited Lab to prove conformity to the specification	Yes	Yes
	If Yes, Test Report to be furnished to the Buyer on demand	Yes	*
	Test Report No and Date	-	*
	Name of the Lab and Address	-	*

* 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
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1	Rajeev Sharma	110047,O/O The Commandant, 25th Bn SSB Delhi, Ghitorni	1	30
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Special terms and conditions for category Equipment for Iron / Arsenic / Fluoride Removal from Ground Water

1. STC for Equipment for Iron / Arsenic / Fluoride Removal from Ground Water:-
 1. In addition to General Terms and Conditions of the GeM following Special T&C shall be applicable for Equipment for Iron / Arsenic / Fluoride Removal from Ground Water
 1. Inclusive in the Scope of installation and Commissioning:
 1. Unloading of equipment at site
 2. Civil Work to the extent necessary for satisfactory installation of the equipment.
 3. Electrical Cabling from the power connecting point.
 4. Piping from the water source to the discharge out let of the equipment.
 5. Supply of suitable Pre filters, Control Valves, Dosing Pumps, Vessels, Pressure Gauges, Flow meters, Field testing kits, wherever required.
 6. Supply of required quantity of Base Media and Removal Media, for the life period specified in the contract, wherever required.
 7. In case of chemical dosing, Supply of required quantity of chemical (s) to treat water having 7 ppm Fluoride, for the period specified in the contract, wherever required. Quantity of chemical (s) to be calculated on the basis of 10 hours of operation Per day at Rated discharge capacity.
 8. Supply of bolts, nuts, washers, etc., and all other material necessary for satisfactory installation and commissioning of the equipment.
 9. Trial Run of the equipment for the period specified in the contract.
 10. Providing Training to the buyer's representatives after successful installation & Commissioning of the equipment, during Trial Run.
 2. Not - inclusive in the Scope of installation and Commissioning:
 1. Providing necessary Space, Water source, Electricity, Security, Sewerage, Water quality monitoring / testing.
 2. Necessary approvals, if any, for installation of the equipment.
 3. Following are the responsibilities of Consignee / User:
 1. Providing necessary Space, Shelter, Water source, Electricity, Security, Sewerage, Disposal of backwash water, Water quality monitoring / testing.
 2. Necessary approvals, if any, shall be obtained by the consignees."

Bid Specific Additional Terms and Conditions

1. 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.
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. Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
 4. 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 1 year 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 primary product having highest value should meet this criterion.
 5. OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity by up to 25% of the contracted quantity during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly.
 6. 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. In case of bunch bids, the OEM of CATEGORY RELATED TO primary product having highest bid value should meet this criterion.
 7. 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 50% of total value.
 8. Preference to Make In India products: Preference shall be given to local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a local supplier, should be as per relevant notification / order issued by the nodal ministry as available on the website of Department of Promotion of Industries and Internal Trade (DPIIT). If the bidder wants to avail the Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which no purchase preference shall be granted. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 29.5.2019.
 9. Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods
 10. The bidder is required to upload, along with the bid, all relevant certificates such as BIS licence, type test certificate, approval certificates and other certificates as prescribed in the Product Specification given in the bid document.

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

---Thank You---