

Bid Document

Bid Details	
Bid End Date/Time	25-07-2020 21:00:00
Bid Opening Date/Time	25-07-2020 21:30:00
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	Department Of Border Management
Organisation Name	N/a
Office Name	Shq Bsf Siliuguri
Total Quantity	2
Item Category	Tractor Trailer mounted Suction cum Jetting Machine
Experience Criteria	3 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,Past Performance *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
Past Performance	10 %
Bid to RA enabled	No
Inspection Required	No

EMD Detail

Advisory Bank	State Bank of India
EMD Percentage(%)	0.50
EMD Amount	3200

ePBG Detail

Advisory Bank	State Bank of India
ePBG Percentage(%)	2.00

(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:

Assistant Commandant (Elect)

Shq Bsf Siliuguri, Department of Border Management, N/A, Ministry of Home Affairs
(Prabhat Singh)

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. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 10% of bid quantity, in at least one of the last three years before the bid opening date to any Central / State Govt Organization / PSU / Public Listed Company. Copies of relevant contracts (proving supply of cumulative order quantity in any one year) to be submitted along with bid in support of quantity supplied in the relevant year. In case of bunch bids, the category related to primary product having highest bid value should meet this criterion.

Tractor Trailer Mounted Suction Cum Jetting Machine (2 pieces)**Technical Specifications**

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Certification	Trailer confirming to IS 8213:2000 (latest) and AIS 112 (latest)	Yes	*
	Conforming to IS:13496 for Suction Machine for	Yes	*

	cleaning Sewers, Manholes and ancillary structures provided on sewer line and closed storm water drains		
	Conforming to IS:11387 for high pressure jetting machine for sewer cleaning	Yes	*
	Necessary clearance from RTO to be obtain before supply of Trailer mounted Suction cum Jetting Machine	Yes	*
	Form 22 A - For compliance with pollution standards, safety standards of components and road worthiness as per CMVR Rules	Yes	*
	Availability of test reports for all critical components from the manufacturer or OEM of Jetting Pumps, vacuum pumps, power takeoff unit, Jetting Hose etc shall be from any ILAC /NABL accredited / Central Govt Lab To be furnished to buyers on demand	Yes	*
	Avaliability of Test report from approved Laboratory to prove conforming to specification as per AIS 112 for trailers to be furnished to buyer on demand	Yes	*
Generic Parameters	Type of Trailer mounted machines	Suction cum jetting	*
	GVW of Trailer	3000	Any applicable numeric value
	Wheel base	500	More than 500.0 Or higher
	Payload capacity of trailer	3000	More than 3000.0 Or higher
	Make and Model of Vacuum Pump	-	*

Constructional Parameters	Make and Model of Jetting Pump	-	*
	Make and Model of Jetting Hose	-	*
	Make and Model of PTO	-	*
	Make and Model of Hydraulic Motor	-	*
	Make and Model of Hydraulic Pump	-	*
	Make and Model of Suction Hose	-	*
	Make and Model of Jetting Nose	-	*
	Mount Type	Tractor Trailer mounted	*
	Capacity of split shaft PTO (Kgm)	150	Any applicable numeric value
	Overall Length	5500	5500.0
	Overall Width	1250	Any applicable numeric value
	Equipment Length	3500	Any applicable numeric value
	Equipment Height	1200	Any applicable numeric value
	Equipment Rear Over Hang	No	Yes, No
	If Yes, Declare Equipment Rear Over Hang	200	200.0
	Derrick Arm Available	Yes	Yes
	Vacuum Pump - Rotary Vane / Sliding Vane	Yes	*
	Vacuum Pump Flow (Cu-m/hr)	5	More than 5.0 Or higher
	Vacuum Pump Power	10	More than 10.0 Or higher
	Rated RPM at Max Vacuum Pump Power	6000	*
	Vacuum Relief Valve Size	50	*
	Vacuum Suction Depth (as per IS:13496 latest)	25	Above 8
	Suction Hose - Lightweight, heavy	Yes	*

duty ,reinforced ,PVC along with quick connect coupling arrangement		
Suction Hose Internal Diameter (as per IS:13946 latest)	75	75.0
Suction Hose Length	5	Above 3
Number of Suction Hose (Nos)	5	More than 5.0 Or higher
Safety Equipments	-	*
Silencer/ Filter(Micro Strainer)	Yes	*
Exhaust Silencer and injection cooling air Inlet Silencer/ Filter	Yes	*
Blower Outlet and Air-Exhaust Silencer	Yes	*
Check valve	Yes	*
Vacuum Limitation Valve	Yes	*
Drain Off valve	Yes	*
High Pressure Jetting Pump With pressure regulating Arrangement	Yes	*
Jetting Pump - Triplex plunger reciprocating pump	Yes	*
Working Pressure Range of Jetting Pump	200	140 - 220
Water Flow for Pump of Jetting Machine (LPM)	250	More than 250.0 Or higher
Pressure Relief Valve Size	50	*
Jetting hose inner Diameter (Capable of withstanding one point five times the maximum pressure generated by the pump)	20	Any applicable numeric value
Jetting Hose Length	80	60, 80, 100, 120, 140
Number of Nozzles for removing Blockage	1	*

(Conical Head)		
Number of Nozzles for Flushing Sewer lines(Round Head)	1	*
Number of balanced Nozzles for dry silt	1	*
Total Tank Capacity (sludge tank+water tank)	4000	4000.0 - 8000.0 Or higher
Water storage Tank Capacity	1000	More than 1000.0 Or higher
Sludge Storage Tank capacity	3000	More than 3000.0 Or higher
Maximum working pressure of Jetting Hose	200	More than 200.0 Or higher
Minimum Burst pressure of Jetting Hose	500	More than 500.0 Or higher
Thickness of tank plate (It shall be designed at a safety factor of 4 times the operating pressure)as per IS 13496	5	More than 5.0 Or higher
Material of tank	Mild Steel (Grade-A) Confirming to IS 2062 latest	*
Surface preparation and finish of tank's Exterior - sanded prior to spray painting and spray painted with two coats of superior quality anti corrosive primer and two coats of enamel metal paint	Yes	*
Surface preparation and finish of Tank's Interior - clean water two coats anti corrosive primer & two coats of grey enamel paint & Sludge shall be with two coats of epoxy paint to resist corrosion	Yes	*
Provision for locking and unlocking arrangement of rear gate of tank, to be	Yes	*

operated hydraulically for quick tipping and cleaning		
Hose Reel Drive operated by hydraulic motor	Yes	*
Dished Head	Yes	*
Tank Rear Door Opening by hydraulic system	Yes	*
Reinforcement rings in pipes	Yes	*
Hydraulic Pump Type	Gear Type	*
Water Level Indicator Type (with safety coverage)	-	*
Water Level Indicator Nos	2	*
Thickness of Cover for Engine, Pump and Hose Reel compartment	3	More than 3.0 Or higher
Material of Cover for Engine, Pump and Hose Reel compartment	MS Sheet	MS Sheet
Full bore Quick Acting Valves in the sewage path	Yes	*
Air Pumps to safeguard the pump from overloading	Yes	*
Make and Model of Air Pump	-	*
Sludge Trap between the Air Pump and the Tank	Yes	*
Float cut out valve to seal the pump suction line	Yes	*
Lubricating system for reducing friction loss	Yes	*
Three sewer cleaning nozzles with varying rearward angles	Yes	*
One nozzle extension for easy fixing of the hose and the nozzle	Yes	*

	Two stop tank strainer elements	Yes	*
	Two sets of operation and service manuals and spare parts lists	Yes	*
	Hose guide	Yes	*
	Counter	Yes	*
Performance Parameters	Warranty Time	24	More than 24.0 Or higher
	Warranty Distance	15000	More than 10000.0 Or higher
	No of Free Service (with consumable)	6	*

* 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	Prabhat Singh	735135,SHQ BSF SILIGURI, RADHABARI CAMP, POST-BHUTKIDANGAPARA	2	30

Bid Specific Additional Terms and Conditions

1. After award of contract – Successful Bidder shall have to get Detailed Design Drawings approved from buyer before starting fabrication. Successful Bidder shall submit Detailed Design Drawings for Buyer's approval, within 10 days of award of contract. Buyer shall, either approve the drawings or will provide complete list of modification required in the drawings within 7 days. Seller shall be required to ensure supply as per approved Drawings with modifications as communicated by Buyer. If there is delay from buyer side in approval of drawing– the delivery period shall be refixed without LD for the period of delay in approval of Drawing.
2. 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.

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

---Thank You---