

Bid Document

Bid Details	
Bid End Date/Time	20-07-2020 19:00:00
Bid Opening Date/Time	20-07-2020 19:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	75 (Days)
Ministry/State Name	Ministry Of Home Affairs
Department Name	Central Armed Police Forces
Organisation Name	Border Security Force (bsf)
Office Name	Shq Bsf Indreshwar Nagar Jammu/western Command
Total Quantity	1
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	40 %
Bid to RA enabled	No
Inspection Required	No
Estimated Bid Value	1545000

EMD Detail

Advisory Bank	State Bank of India
EMD Percentage(%)	2.00
EMD Amount	30900

ePBG Detail

Required	No
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(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:

AC (Elect)

Shq Bsf Indreshwar Nagar Jammu/western Command, Central Armed Police Forces, Border Security Force (BSF), Ministry of Home Affairs
(Yashul Sharma)

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 40% 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 (1 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 cleaning Sewers, Manholes and ancillary	Yes	*

	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	6000	More than 6000.0 Or higher
	Wheel base	3150	More than 3150.0 Or higher
	Payload capacity of trailer	4500	More than 4500.0 Or higher
	Make and Model of Vacuum Pump	-	*
	Make and Model of Jetting Pump	-	*

Constructional Parameters	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)	200	More than 200.0 Or higher
	Overall Length	6500	6500.0
	Overall Width	1880	1880.0
	Equipment Length	3300	3300.0
	Equipment Height	1400	1400.0
	Equipment Rear Over Hang	No	No
	If Yes, Declare Equipment Rear Over Hang	0	Any applicable numeric value
	Derrick Arm Available	Yes	Yes
	Vacuum Pump - Rotary Vane / Sliding Vane	Yes	*
	Vacuum Pump Flow (Cu-m/hr)	440	More than 440.0 Or higher
	Vacuum Pump Power	15	More than 15.0 Or higher
	Rated RPM at Max Vacuum Pump Power	1500	*
	Vacuum Relief Valve Size	1	*
	Vacuum Suction Depth (as per IS:13496 latest)	8	More than 8.0 Or higher
	Suction Hose - Lightweight, heavy duty ,reinforced ,PVC along with quick connect coupling arrangement	Yes	*
	Suction Hose	100	100.0

Internal Diameter (as per IS:13946 latest)		
Suction Hose Length	3	More than 3.0 Or higher
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	140	140.0 - 220.0 Or higher
Water Flow for Pump of Jetting Machine (LPM)	225	More than 225.0 Or higher
Pressure Relief Valve Size	1	*
Jetting hose inner Diameter (Capable of withstanding one point five times the maximum pressure generated by the pump)	19	19.0
Jetting Hose Length	80	80.0
Number of Nozzles for removing Blockage (Conical Head)	1	*
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)	6000	6000.0 - 8000.0 Or higher
Water storage Tank Capacity	3000	More than 3000.0 Or higher
Sludge Storage Tank capacity	3000	More than 3000.0 Or higher
Maximum working pressure of Jetting Hose	180	More than 180.0 Or higher
Minimum Burst pressure of Jetting Hose	430	More than 430.0 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 operated hydraulically for quick tipping and cleaning	Yes	*
Hose Reel Drive	Yes	*

operated by hydraulic motor		
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	Yes	*

	and spare parts lists		
	Hose guide	Yes	*
	Counter	Yes	*
Performance Parameters	Warranty Time	24	More than 24.0 Or higher
	Warranty Distance	6000	More than 6000.0 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	Vivek Choudhary	181101,shq bsf indreshware nagar	1	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 10 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. **Bidder financial standing:** The bidder should not be under liquidation, court receivership or similar proceedings, should not be bankrupt. Bidder to upload undertaking to this effect with bid.
3. Scope of supply (Bid price to include all cost components) : Supply Installation Testing Commissioning of Goods and Training of operators and providing Statutory Clearances required (if any)
4. 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.
5. 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.
6. 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.

7. ISO 9001: The bidder must have ISO 9001 certification.
8. Material Test Certificate Should Be Sent Along with The Supply. The Material Will Be Checked by Buyer's Lab & the Results of the Lab will be the Sole Criteria for Acceptance of the Item.
9. 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.
10. Timely Servicing / rectification of defects during warranty period: After having been notified of the defects / service requirement during warranty period, Seller has to complete the required Service / Rectification within 5 days time limit. If the Seller fails to complete service / rectification with defined time limit, a penalty of 0.5% of Unit Price of the product shall be charged as penalty for each week of delay from the seller. Seller can deposit the penalty with the Buyer directly else the Buyer shall have a right to recover all such penalty amount from the Performance Security (PBG). Cumulative Penalty cannot exceed more than 10% of the total contract value after which the Buyer shall have the right to get the service / rectification done from alternate sources at the risk and cost of the Seller besides forfeiture of PBG. Seller shall be liable to re-imburse the cost of such service / rectification to the Buyer.
11. Successful bidder will have to ensure that adequate number of dedicated technical service personals / engineers are designated / deployed for attending to the Service Request in a time bound manner and for ensuring Timely Servicing / rectification of defects during warranty period, as per Service level agreement indicated in the relevant clause of the bid.
12. For fulfilling the experience criteria any one of the following documents may be considered as valid proof for meeting the experience criteria:
 - a. Purchase Order copy along with Invoice(s) with self-certification by the bidder that supplies against the invoices have been executed.
 - b. Execution certificate by client with order value.
 - c. Any other document in support of order execution like Third Party Inspection release note, etc.
13. The Bidder / OEM {themselves or through reseller(s)}, should have executed project for supply and installation / commissioning of same or similar Category Products during preceding 3 financial years (i.e. current year and three previous financial years) as on opening of bid, as per following criteria:
 - (i) Single order of at least 35% of estimated bid value; or
 - (ii) Two orders of at least 20% each of estimated bid value; or
 - (iii) Three orders of at least 15% each of estimated bid value.Satisfactory Performance certificate issued by respective Buyer Organization for the above Orders should be uploaded with bid. In case of bunch bids, the Category related to primary product having highest bid value should meet this criterion
14. Bidders can also submit the EMD with Account Payee Demand Draft in favour of DIG SHQ BSF INAGAR payable at SBI Jammu.

Bidder has to upload scanned copy / proof of the DD along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date / Bid Opening date.
15. Bidders can also submit the EMD with Fixed Deposit Receipt made out or pledged in the name of DIG SHQ BSF INAGAR A/C (Name of the Seller). The bank should certify on it that the deposit can be withdrawn only on the demand or with the sanction of the pledgee. For release of EMD, the FDR will be released in favour of bidder by the Buyer after making endorsement on the back of the FDR duly signed and stamped along with covering letter. Bidder has to upload scanned copy / proof of the FDR along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date / Bid Opening date.

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

---Thank You---