

Bid Document

Bid Details	
Bid End Date/Time	25-07-2020 19:00:00
Bid Opening Date/Time	25-07-2020 19:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Uttar Pradesh
Department Name	Urban Development Department Uttar Pradesh
Organisation Name	E-municipalities - Eservices To Citizens And Employees Of Urban Local Bodies Of Uttar Pradesh
Office Name	Nagar Panchayat Malihabad
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,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
Past Performance	80 %
Bid to RA enabled	No
Inspection Required	No
Estimated Bid Value	765000

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. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 80% 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 structures provided on sewer line and closed storm water drains	Yes	*
	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	Yes	*

	components and road worthiness as per CMVR Rules		
	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	*
	Availability 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	Any applicable numeric value
	Wheel base	3150	Any applicable numeric value
	Payload capacity of trailer	4500	Any applicable numeric value
	Make and Model of Vacuum Pump	-	*
	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	*
Constructional	Capacity of split	200	Any applicable numeric

Parameters

shaft PTO (Kgm)		value
Overall Length	6500	Any applicable numeric value
Overall Width	1880	Any applicable numeric value
Equipment Length	3300	Any applicable numeric value
Equipment Height	1400	Any applicable numeric value
Equipment Rear Over Hang	No	Yes, No
If Yes, Declare Equipment Rear Over Hang	0	Any applicable numeric value
Derrick Arm Available	Yes	Yes, No
Vacuum Pump - Rotary Vane / Sliding Vane	Yes	*
Vacuum Pump Flow (Cu-m/hr)	440	Any applicable numeric value
Vacuum Pump Power	15	Any applicable numeric value
Rated RPM at Max Vacuum Pump Power	1500	*
Vacuum Relief Valve Size	1	*
Vacuum Suction Depth (as per IS:13496 latest)	10	Above 8
Suction Hose - Lightweight, heavy duty ,reinforced ,PVC along with quick connect coupling arrangement	Yes	*
Suction Hose Internal Diameter (as per IS:13946 latest)	100	Any applicable numeric value
Suction Hose Length	3	Above 3
Number of Suction Hose (Nos)	5	Above 5
Safety Equipments	-	*
Silencer/ Filter(Micro Strainer)	Yes	*
Exhaust Silencer and injection cooling air	Yes	*

Inlet Silencer/ Filter		
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 - 220
Water Flow for Pump of Jetting Machine (LPM)	220	Above 220
Pressure Relief Valve Size	1	*
Jetting hose inner Diameter (Capable of withstanding one point five times the maximum pressure generated by the pump)	60	Any applicable numeric value
Jetting Hose Length	60	60, 80, 100, 120, 140
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)	3000	2000 - 8000
Water storage Tank Capacity	500	Above 500
Sludge Storage Tank capacity	2500	Above 1000
Maximum working pressure of Jetting Hose	180	Above 160

Minimum Burst pressure of Jetting Hose	430	Above 430
Thickness of tank plate (It shall be designed at a safety factor of 4 times the operating pressure)as per IS 13496	5	Any applicable numeric value
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 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	Above 3
	Material of Cover for Engine, Pump and Hose Reel compartment	MS Sheet	Galvanised IronSheet, 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	Above 24
	Warranty Distance	5000	Any applicable numeric value
	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	Shivkumar	227111, Nagar Panchayat Malihabad Distt. Lucknow	1	30

Bid Specific Additional Terms and Conditions

1. 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.
2. Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
3. Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.
4. Procurement under this bid is reserved for purchase from Micro and Small Enterprises from the State of Bid Inviting Authority whose credentials are validated online through Udyog Aadhaar for that product category. If the bidder wants to avail the reservation benefit, 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.
5. 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
6. ISO 9001: The bidder must have ISO 9001 certification.

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

---Thank You---