

Bid Document

Bid Details	
Bid End Date/Time	27-07-2020 14:00:00
Bid Opening Date/Time	27-07-2020 14:30:00
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	N/a
Office Name	Nagar Nigam Mathura Vrindavan
Total Quantity	3
Item Category	Truck Chassis Mounted Suction Cum Jetting Machine (Medium)
Bidder Turnover (Last 3 Years)	11 Lakh (s)
Experience Criteria	2 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,Bidder 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	No
Inspection Required	No

EMD Detail

Advisory Bank	KOTAK MAHINDRA BANK
EMD Percentage(%)	5.00
EMD Amount	1184449

ePBG Detail

Advisory Bank	KOTAK MAHINDRA BANK
ePBG Percentage(%)	5.00
Duration of ePBG required (Months).	12

(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 Engineer (E/M)
Nagar Nigam Mathura Vrindavan, Urban Development Department Uttar Pradesh, N/A,
(Anil Ranjan)

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.

Truck Chassis Mounted Suction Cum Jetting Machine (Medium) (3 pieces)**Technical Specifications**

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Certification	Chassis Certification ARAI/VRDE/ICAT	Yes	*
	Chassis Certification ARAI/VRDE/ICAT No	-	*
	Form 22 A - For compliance with pollution standards, safety standards of components and road worthiness as per CMVR Rules	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	*
	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	*
	Registration To Local RTO	-	*

	(Regional Transport Office)/RTA(Regional Transport Authority) By Seller		
	NGT approval needs to be provided bu the Govt department	-	*
Generic Parameters	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	-	*
	Chassis Make and Model	-	*
	Chassis Model Number	-	*
	Chassis Type	Medium Motor Vehicle	*
	Type of Fuel	Diesel	Diesel, CNG
	Chassis Gross Vehicle Weight	11990	More than 11990.0 Or higher
	Kerb Weight	4191	Any applicable numeric value
	Engine Capacity (cc)	3770	*
	Pay Load Capacity (Tonne Load)	7799	Any applicable numeric value
	Vehicle Emission Compliance	BS-VI	BS-VI
	Engine BHP	160	Above 120
	Engine Torque Max@rpm	500	Any applicable numeric value
	Maximum Speed of Vehicle(KM/Hr)	80	*
	No of Speed/ Forward Gears	6	*
	Braking Distance	30.5	*
	Gradeability of Vehicle (%)	30	Any applicable numeric value
	Wheel Base	4300	Any applicable numeric value
	Engine Aspiration System	Turbocharged Intercooler	*
	Mount Type	Truck Mounted Unit	*
	Fuel Tank Capacity	190	Any applicable numeric value

Constructional Parameters	Capacity of Split Shaft PTO of the vehicle (kgm)	-	Above 400
	Overall Length	7000	*
	Overall Width	2500	*
	Equipment Length	5490	*
	Equipment Height	3500	*
	Equipment Rear Over Hang	Yes	*
	If Yes, Declare Equipment Rear Over Hang	2160	*
	Type of Front Axle and Suspension System	-	*
	Type of Rear Axle and Suspension System	-	*
	Derrick Arm Available	No	*
	Vacuum Pump - Rotary Vane / Sliding Vane	Yes	*
	Type Of Cooling	-	*
	Vacuum Pump Flow (cum/hr)	-	Above 500
	Vacuum Pump Power (hp@rpm)	-	*
	Vacuum Relief Valve Size	1.5	*
	Vacuum Suction Depth	8	*
	Suction Hose - Lightweight, heavy duty ,reinforced ,PVC along with quick connect coupling arrangement	Yes	*
	Suction Hose Internal Diameter	-	*
	Suction Hose Length	3	Above 3
	Number of Suction Hose (Nos)	5	*
	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	Yes
	Jetting Pump - Triplex plunger reciprocating pump	Yes	*
	Working Pressure Range of Jetting Pump	140	140 - 200

Water Flow for Pump of Jetting Machine (LPM)	226	Above 220
Pressure Relief Valve Size	1.5	*
Jetting hose inner Diameter (Capable of withstanding one point five times the maximum pressure generated by the pump)	25	*
Jetting Hose Length	120	*
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	*
Water storage Tank Capacity	3500	3500.0
Sludge Storage Tank capacity	2500	2500.0
Total Tank Capacity (sludge tank+water tank)	6000	6000
Maximum working pressure of Jetting Hose	172	*
Minimum Burst pressure of Jetting Hose	430	*
Thickness of tank plate of SS 304 with proper re inforcement to withstand the required forces	6	*
Material of tank - Steel of Grade SS-304	Mild Steel (Grade-A) Confirming to IS 2062 latest	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	*
	Material of Cover for Engine, Pump and Hose Reel compartment	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	*
Essential Spares	Set of seal kit for Hydraulic Cylinder	Yes	Yes
	Set of seal kit for Hydraulic Motors	Yes	Yes
	Set of seal kit for Hydraulic Pumps	Yes	Yes
	Set of Filters for Hydraulic Systems	Yes	Yes
	Suction hose 30mtr and Jetting hose 120mtr	Yes	Yes
Performance Parameters	Warranty Time	24	Above 24
	Warranty Distance	50000	*
	No of Free Service	Yes	*

(Minimum 3 per year)

* 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	Rahul Upadhyay	281001,General Ganj Mathura	3	30

Special terms and conditions for category Truck Chassis Mounted Suction Cum Jetting Machine (Medium)

- 1.ARAI of complete product / equipment. If it is not available then ARAI of chassis will be required along with confirmation from supplier (OEM/fabricator only) that they are conforming the CMVR rules for compliance of equipment and registration of equipment with RTO is their responsibility.
- 2.Only bid /RA option will be available for buyer as these equipments are not standard and freight Intensive product.
- 3.Test reports if any, desired by buyer will be provided by seller at the time of supply.
- 4.Operational and maintenance contract if desired by buyer will be provided as per their requirement.
- 5.Delivery period will be 90 days (normal).

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---