

Bid Document

Bid Details	
Bid End Date/Time	20-07-2020 18:00:00
Bid Opening Date/Time	20-07-2020 18:30:00
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 Suriyanwan
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,Certificate (Requested in ATC),OEM Authorization Certificate *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
Estimated Bid Value	850000

EMD Detail

Advisory Bank	Bank Of Baroda
EMD Percentage(%)	2.00
EMD Amount	17000

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:

Suriyawa

Nagar Panchayat Suriyanwan, Urban Development Department Uttar Pradesh, e-Municipalities - eServices to citizens and Employees of Urban Local Bodies of Uttar Pradesh ,
(Eo)

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.

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 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	7500	More than 7500.0 Or higher
	Wheel base	3150	More than 3150.0 Or higher
	Payload capacity of trailer	5000	More than 5000.0 Or higher
	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	-	*

Constructional Parameters	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)	165	More than 165.0 Or higher
	Overall Length	6500	6500.0
	Overall Width	5	5.0
	Equipment Length	1750	1750.0
	Equipment Height	1500	1500.0
	Equipment Rear Over Hang	No	No
	If Yes, Declare Equipment Rear Over Hang	0	0.0
	Derrick Arm Available	No	No
	Vacuum Pump - Rotary Vane / Sliding Vane	Yes	*
	Vacuum Pump Flow (Cu-m/hr)	225	More than 225.0 Or higher
	Vacuum Pump Power	15	More than 15.0 Or higher
	Rated RPM at Max Vacuum Pump Power	1250	*
	Vacuum Relief Valve Size	3	*
	Vacuum Suction Depth (as per IS:13496 latest)	9	More than 9.0 Or higher
	Suction Hose - Lightweight, heavy duty ,reinforced ,PVC along with quick connect coupling arrangement	Yes	*
	Suction Hose Internal Diameter (as per IS:13946 latest)	4	4.0
	Suction Hose Length	10	More than 10.0 Or higher
	Number of Suction	5	More than 5.0 Or

Hose (Nos)		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)	220	More than 220.0 Or higher
Pressure Relief Valve Size	3	*
Jetting hose inner Diameter (Capable of withstanding one point five times the maximum pressure generated by the pump)	25	25.0
Jetting Hose Length	60	60.0
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)	5000	5000.0 - 8000.0 Or higher

Water storage Tank Capacity	2000	More than 2000.0 Or higher
Sludge Storage Tank capacity	3000	More than 3000.0 Or higher
Maximum working pressure of Jetting Hose	160	More than 160.0 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 operated by hydraulic motor	Yes	*
Dished Head	Yes	*
Tank Rear Door Opening by hydraulic	Yes	*

	system		
	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	3.15	More than 3.15 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	Warranty Time	36	More than 36.0 Or

Parameters			higher
	Warranty Distance	1000	More than 1000.0 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	Vijay Kumar Upadhyay	221404,Nagar Panchayat Suriyawar	1	30

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. 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. Bidders can also submit the EMD with Account Payee Demand Draft in favour of Eo payable at Suriyawa.
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.

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

---Thank You---