

Bid Document

Bid Details	
Bid End Date/Time	21-07-2020 16:00:00
Bid Opening Date/Time	21-07-2020 16:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Madhya Pradesh
Department Name	Urban Development And Environment Department
Organisation Name	Urban Administration And Development
Office Name	Bhander
Total Quantity	1
Item Category	Tractor Trailer mounted Suction cum Jetting Machine
Bidder Turnover (Last 3 Years)	4 Lakh (s)
OEM Average Turnover (Last 3 Years)	30 Lakh (s)
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,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	20 %
Bid to RA enabled	No
Inspection Required	No

EMD Detail

Required	No
----------	----

ePBG Detail

Required	No
----------	----

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. OEM Turn Over Criteria: The minimum average annual financial turnover of the OEM of the offered product 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 OEM 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.
3. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 20% 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	Yes	*

	from RTO to be obtain before supply of Trailer mounted Suction cum Jetting Machine		
	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	5000	More than 5000.0 Or higher
	Wheel base	2000	More than 2000.0 Or higher
	Payload capacity of trailer	4000	More than 4000.0 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	-	*
	Make and Model of	-	*

Constructional Parameters	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)	3500	More than 3500.0 Or higher
	Overall Length	2500	2500.0
	Overall Width	1200	1200.0
	Equipment Length	3000	3000.0
	Equipment Height	1200	1200.0
	Equipment Rear Over Hang	Yes	Yes
	If Yes, Declare Equipment Rear Over Hang	5	5.0
	Derrick Arm Available	No	No
	Vacuum Pump - Rotary Vane / Sliding Vane	Yes	*
	Vacuum Pump Flow (Cu-m/hr)	110	More than 110.0 Or higher
	Vacuum Pump Power	1	More than 1.0 Or higher
	Rated RPM at Max Vacuum Pump Power	0	*
	Vacuum Relief Valve Size	0	*
	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 Internal Diameter (as per IS:13946 latest)	8	8.0
	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)	220	More than 220.0 Or higher
Pressure Relief Valve Size	0	*
Jetting hose inner Diameter (Capable of withstanding one point five times the maximum pressure generated by the pump)	12	12.0
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)	4000	4000.0 - 8000.0 Or higher
Water storage Tank Capacity	2000	More than 2000.0 Or higher

Sludge Storage Tank capacity	2000	More than 2000.0 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	2.5	More than 2.5 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 system	Yes	*
Reinforcement rings in	Yes	*

	pipes		
	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	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	Baivhav Kumar Namdev	475335,Nagar Parishad Bhandar Near Patel chouraha bhandar distt. datia	1	30

Bid Specific Additional Terms and Conditions

1. ISO 9001: The bidder must have ISO 9001 certification.
2. 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.
3. 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.

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

---Thank You---