

### Bid Document

Bid Details	
Bid End Date/Time	02-06-2020 14:00:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	50 (Days)
Ministry/State Name	Gujarat
Department Name	Urban Development And Urban Housing Department Gujarat
Organisation Name	Nagarpalika
Office Name	14 Engineer Regiment
Total Quantity	1
Item Category	Tractor Trailer mounted Suction cum Jetting Machine
Bidder Turnover (Last 3 Years)	8 Lakh (s)
OEM Average Turnover (Last 3 Years)	50 Lakh (s)
Experience Criteria	3 Year (s)
MSE Exemption For Years Of Experience And Turnover	Yes
Startup Exemption For Years Of Experience And Turnover	Yes
Document required from seller	Experience Criteria,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
Bid to RA enabled	No

### EMD Detail

Advisory Bank	ICICI
EMD Percentage(%)	1.00
EMD Amount	15490

### ePBG Detail

Advisory Bank	ICICI
ePBG Percentage(%)	2.50

Duration of ePBG required (Months). | 1

(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:**

Municipal Accountant

14 Engineer Regiment, Urban Development and Urban Housing Department Gujarat, Nagarpalika,  
(Parmeshkumar Uttambhai Chaudhari)

**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.

**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	Yes	*

	cleaning Sewers, Manholes and ancillary 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	*
	<b>GVW of Trailer</b>	6000	More than 6000.0 Or higher
	<b>Wheel base</b>	4550	More than 4550.0 Or higher
	<b>Payload capacity of trailer</b>	5000	More than 5000.0 Or higher
	Make and Model of Vacuum Pump	-	*

Constructional Parameters	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	*
	<b>Capacity of split shaft PTO (Kgm)</b>	230	More than 230.0 Or higher
	<b>Overall Length</b>	5200	5200.0
	<b>Overall Width</b>	1800	1800.0
	<b>Equipment Length</b>	6340	6340.0
	<b>Equipment Height</b>	2550	2550.0
	<b>Equipment Rear Over Hang</b>	Yes	Yes
	<b>If Yes, Declare Equipment Rear Over Hang</b>	1470	1470.0
	<b>Derrick Arm Available</b>	Yes	Yes
	Vacuum Pump - Rotary Vane / Sliding Vane	Yes	*
	<b>Vacuum Pump Flow (Cu-m/hr)</b>	220	More than 220.0 Or higher
	<b>Vacuum Pump Power</b>	6.5	More than 6.5 Or higher
	Rated RPM at Max Vacuum Pump Power	540	*
	Vacuum Relief Valve Size	1.5	*
	<b>Vacuum Suction Depth (as per IS:13496 latest)</b>	9	More than 9.0 Or higher
	Suction Hose - Lightweight, heavy duty ,reinforced ,PVC along with quick connect coupling	Yes	*

arrangement		
<b>Suction Hose Internal Diameter (as per IS:13946 latest)</b>	75	75.0
<b>Suction Hose Length</b>	4	More than 4.0 Or higher
<b>Number of Suction Hose (Nos)</b>	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	*
<b>Working Pressure Range of Jetting Pump</b>	160	160.0 - 220.0 Or higher
<b>Water Flow for Pump of Jetting Machine (LPM)</b>	220	More than 220.0 Or higher
Pressure Relief Valve Size	1.5	*
<b>Jetting hose inner Diameter (Capable of withstanding one point five times the maximum pressure generated by the pump)</b>	25.5	25.5
<b>Jetting Hose Length</b>	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	*
<b>Total Tank Capacity (sludge tank+water tank)</b>	5000	5000.0 - 8000.0 Or higher
<b>Water storage Tank Capacity</b>	2000	More than 2000.0 Or higher
<b>Sludge Storage Tank capacity</b>	3000	More than 3000.0 Or higher
<b>Maximum working pressure of Jetting Hose</b>	175	More than 175.0 Or higher
<b>Minimum Burst pressure of Jetting Hose</b>	440	More than 440.0 Or higher
<b>Thickness of tank plate (It shall be designed at a safety factor of 4 times the operating pressure)as per IS 13496</b>	6	More than 6.0 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	Yes	*

for quick tipping and cleaning		
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	*
<b>Thickness of Cover for Engine, Pump and Hose Reel compartment</b>	3	More than 3.0 Or higher
<b>Material of Cover for Engine, Pump and Hose Reel compartment</b>	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	Yes	*

	elements		
	Two sets of operation and service manuals and spare parts lists	Yes	*
	Hose guide	Yes	*
	Counter	Yes	*
Performance Parameters	<b>Warranty Time</b>	36	More than 36.0 Or higher
	<b>Warranty Distance</b>	6000	More than 6000.0 Or higher
	No of Free Service (with consumable)	7	*

\* 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	Pareshkumar Khandubhai Naik	396321,Bilimora Nagarpalika, Near Jalaram Temple, Somnath Road, Bilimora	1	15

### Bid Specific Additional Terms and Conditions

1. ISO 9001: The bidder must have ISO 9001 certification.
2. 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.
3. 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 6 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.
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.

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



**---Thank You---**