

Bid Document

Bid Details	
Bid End Date/Time	25-07-2020 18:00:00
Bid Opening Date/Time	25-07-2020 18:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	70 (Days)
Ministry/State Name	Odisha
Department Name	Housing And Urban Development Department Odisha
Organisation Name	Rourkela Municipal Corporation Rourkela
Office Name	Rourkela Municipal Corporation
Total Quantity	1
Item Category	Truck Mounted Suction Machine
Bidder Turnover (Last 3 Years)	12 Lakh (s)
Experience Criteria	1 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,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	10 %
Bid to RA enabled	No
Inspection Required	No

EMD Detail

Advisory Bank	State Bank of India
EMD Percentage(%)	5.00
EMD Amount	123750

ePBG Detail

Advisory Bank	State Bank of India
ePBG Percentage(%)	10.00
Duration of ePBG required (Months).	26

(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:

Dy. Commissioner

ROURKELA MUNICIPAL CORPORATION, Housing and Urban Development Department Odisha,
Rourkela Municipal Corporation Rourkela,
(Sudhansu Kumar Bhoi)

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 10% 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.

Truck Mounted Suction Machine (1 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	*
	Availability of test reports for all critical components from the manufacturer or OEM of vacuum pumps, power takeoff unit 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 if requiried	-	*
	Generic Parameters		
	Make and Model of Vacuum Pump	-	*
	Make and Model of PTO	-	*
	Make and Model of Hydraulic Motor	-	*
	Make and Model of Hydraulic Pump	-	*
	Make and Model of Suction Hose	-	*
	Vehicle Chassis Make and Model	-	*
	Chassis Model Number	-	*
	Chassis Type	Light Motor Vehicle	Light Motor Vehicle
	Type of Fuel	Diesel	Diesel

	Chassis Gross Vehicle Weight	3425	More than 3425.0 Or higher
	Kerb Weight	1725	*
	Pay Load Capacity (Tonne Load)	1.7	More than 1.7 Or higher
	Vehicle Emission Compliance	BS-VI	BS-VI
	Max Engine BHP	70	More than 70.0 Or higher
	Engine Torque Max@rpm	200	More than 200.0 Or higher
	No of Speed/ Forward Gears	5	More than 5.0 Or higher
	Gradeability of Vehicle (%)	30	More than 30.0 Or higher
	Wheel Base	3260	More than 3260.0 Or higher
	Engine Aspiration System	Turbocharged Intercooler	*
	Mount Type	Truck Mounted Unit	*
	Fuel Tank Capacity	60	More than 60.0 Or higher
	Capacity of Split Shaft PTO of the vehicle (kgm)	-	More than 200.0 Or higher
Constructional Parameters	Overall Length	5215	*
	Overall Width	1700	*
	Equipment Length	2520	*
	Equipment Height	1350	*
	Equipment Rear Over Hang	Yes	Yes
	If Yes, Declare Equipment Rear Over Hang	200	*
	Type of Front Axle and Suspension System	-	*
	Type of Rear Axle and Suspension System	-	*
	Derrick Arm Available	No	No
	Vacuum Pump - Rotary Vane / Sliding Vane	Yes	*
	Type Of Cooling	-	*
	Vacuum Pump Flow	-	156

(cum/hr)as per IS 13496 to be declared		
Vacuum Pump Power (hp@rpm)	-	More than 4.5 Or higher
Vacuum Relief Valve Size	1.5	*
Vacuum Suction Depth	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	-	80.0
Suction Hose Length	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	*
Total Tank Capacity (sludge tank+water tank)	1000	1000.0
Water storage Tank Capacity	1000	1000.0
Sludge Storage Tank capacity	1000	1000.0
Thickness of tank plate	6	*
Material of tank	Mild steel(Grade-A) conforming to IS 2062 latest	*
Surface preparation and finish of tank's Exterior - sanded prior to spray painting and spray painted with two	Yes	*

coats of superior quality anti corrosive primer and two coats of enamel metal paint		
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	Galvanised IronSheet	*
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	*
	Suction hose 30mtr	Yes	Yes
	Set of Spares	Yes	*
Performance Parameters	Warranty Time	24	More than 24.0 Or higher
	Warranty Distance	10000	*
	No of Free Service (Minimum 3 per year)	Yes	*

* 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	Sudhansu Kumar Bhoi	769012,Udit Nagar, Rourkela	1	30

Special terms and conditions for category Truck Mounted Suction Machine

1. a. 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.\nb. Only bid /RA option will be available for buyer as these equipments are not standard and freight Intensive product.\nc. Test reports if any, desired by buyer will be provided by seller at the time of supply.\nd. Operational and maintenance contract if desired by buyer will be provided as per their requirement.\ne. Delivery period will be 90 days (normal).

Bid Specific Additional Terms and Conditions

1. Scope of supply (Bid price to include all cost components) : Supply Installation Testing Commissioning of Goods and Training of operators and providing Statutory Clearances required (if any)
2. ISO 9001: The bidder must have ISO 9001 certification.
3. 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.
4. Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
5. Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.

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

---Thank You---