

Bid Document

Bid Details	
Bid End Date/Time	24-07-2020 18:00:00
Bid Opening Date/Time	24-07-2020 18:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Uttarakhand
Department Name	Uttarakhand Jal Sansthan Department Uttarakhand
Organisation Name	Pey Jal Nigam
Office Name	Uttarkashi
Total Quantity	1
Item Category	Truck Mounted Suction Machine
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	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
Inspection Required	No

EMD Detail

Required	No
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ePBG Detail

Required	No
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Splitting

Bid splitting not applied.

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	7490	More than 7490.0 Or higher
	Kerb Weight	2590	*
	Pay Load Capacity (Tonne Load)	4.9	More than 4.9 Or higher
	Vehicle Emission Compliance	BS-VI	BS-VI
	Max Engine BHP	140	More than 140.0 Or higher
	Engine Torque Max@rpm	360	More than 360.0 Or higher
	No of Speed/ Forward Gears	5	More than 5.0 Or higher
	Gradeability of Vehicle (%)	25	More than 25.0 Or higher
	Wheel Base	2820	More than 2820.0 Or higher
	Engine Aspiration System	Turbocharged Intercooler	*
	Mount Type	Truck Mounted Unit	*
	Fuel Tank Capacity	90	More than 90.0 Or higher
Constructional Parameters	Capacity of Split Shaft PTO of the vehicle (kgm)	-	More than 250.0 Or higher
	Overall Length	5620	*
	Overall Width	2060	*
	Equipment Length	3715	*
	Equipment Height	1780	*
	Equipment Rear Over Hang	Yes	Yes
	If Yes, Declare Equipment Rear Over Hang	1490	*
	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 (cum/hr)as per IS 13496 to be declared	-	348
Vacuum Pump Power (hp@rpm)	-	More than 8.0 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)	3000	3000.0
Water storage Tank Capacity	500	500.0

Sludge Storage Tank capacity	2500	2500.0
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 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	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	24	*
	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	Suman Singh Bhandari	249151,uttarakhand jal sansthan uttarkashi	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. 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---