

Bid Document

Bid Details	
Bid End Date/Time	27-07-2020 13:00:00
Bid Opening Date/Time	27-07-2020 13:30:00
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	N/a
Office Name	Nagar Nigam Mathura Vrindavan
Total Quantity	1
Item Category	Jetting, Grabbing and Rodding machine
Bidder Turnover (Last 3 Years)	33 Lakh (s)
Experience Criteria	2 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,Bidder 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

Advisory Bank	KOTAK MAHINDRA BANK
EMD Percentage(%)	2.00
EMD Amount	132951

ePBG Detail

Advisory Bank	KOTAK MAHINDRA BANK
ePBG Percentage(%)	5.00
Duration of ePBG required (Months).	12

(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:

Assistant Engineer (E/M)

Nagar Nigam Mathura Vrindavan, Urban Development Department Uttar Pradesh, N/A,
(Anil Ranjan)**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.

Jetting, Grabbing And Rodding Machine (1 pieces)**Technical Specifications*** [As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Certification and Testing	Availability of ARAI/VRDE/ICAT cerification	For Chassis	*
	ARAI/VRDE/ICAT certificate number	-	*
	Conforming to IS:11387 for high pressure jetting machine for sewer cleaning	Yes	*
	All necessary documents in acceptable form to be provided for RTO registration along with complete equipment	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, power takeoff unit, Jetting Hose etc shall be from any ILAC /NABL accredited / Central Govt Lab To be furnished to buyers on demand	Yes	*
	Stability Test of Complete equipment	Yes	*
Generic Parameters	Gross Vehicle Weight	5.4	More than 4.85 Or higher

	Wheel base	2935	Any applicable numeric value
	Payload capacity of Chassis	3240	More than 3010.0 Or higher
	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 Jetting Nozzle	-	*
	Make and Model of Grabing Machine	-	*
	Make and Model of Rodding Machine	-	*
Constructional Parameters	Capacity of split shaft PTO (Kgm)	200	Above 200
	Overall Length	5940	Any applicable numeric value
	Overall Width	1840	Any applicable numeric value
	Equipment Length	2870	Any applicable numeric value
	Equipment Height	1576	Any applicable numeric value
	Equipment Rear Over Hang	Yes	*
	If Yes, Declare Equipment Rear Over Hang	1590	*
	Safety Equipments	-	*
	Water Drain Valve	Yes	*
	High Pressure Jetting Pump With pressure regulating Arrangement	Yes	*
	Jetting Pump - Triplex plunger reciprocating pump	Yes	*
	Working Pressure Range of Jetting Pump	130	130 - 160
	Water Flow for Pump of Jetting Machine (LPM)	122	Above 120
	Pressure Relief Valve Size	1	Any applicable numeric value
	Jetting hose inner Diameter (Capable of withstanding one point five times the maximum pressure generated by the pump)	60	Any applicable numeric value
	Jetting Hose Length	60	60, 80, 100, 120, 140 Or higher

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	*
Water storage Tank Capacity	1500	Above 1000
Maximum working pressure of Jetting Hose	172	Above 160
Minimum Burst pressure of Jetting Hose	430	Above 430
Thickness of tank plate (It shall be designed at a safety factor of 4 times the operating pressure)as per IS	3	Any applicable numeric value
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	*
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	*
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 as per IS :11387	3	Any applicable numeric value
Material of Cover for Engine, Pump and Hose Reel compartment	MS Sheet	Galvanised IronSheet, MS Sheet
All gauges, switches, levers, etc, required for operation of the unit thali be grouped together on a control panel located adjacent to the hose reel for easy and convenient control of the operations in cleaning of a sewer	Yes	*
Engine ignition switch, oil	Yes	*

	pressure gauge, temperature gauge, throttle and glow plug button		
	Sight glasses to show the level in the water tank, and a low level warning light	Yes	*
	Water system pressure gauge	Yes	*
	Water flow control valve	Yes	*
	Combination control lever to control the speed and direction of rotation of the hose reel	Yes	*
	Low water level safety switch	Yes	*
	Low oil pressure safety switch	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	*
	Four reels of hose pipe, each of 100m length	Four reels of hose pipe, each of 100m length	*
	Set of Spares	Yes	*
Grabbing Machine	Boom Arm	Telescopic	*
	Sludge Container capacity	150	Any applicable numeric value
	Wire ropes as per IS:3973, IS:2365, IS:13870	Yes	*
	Type of Wire rope	Galvanized	*
	Size of wire rope (Diameter)	6	Any applicable numeric value
	Capacity of Hydraulic pump	16.77	Any applicable numeric value
	Hydraulic Grab bucket capacity	15	Above 15
	Hydraulic Grab drive	Hydraulic motor	*
	Grab and bucket arrangement	Hydraulically operated	*
	Type of Hydraulic pump	Gear type	*
	Manual Grab bucket capacity	5	Above 5
	Boom arm lifting angle	45	Any applicable numeric

			value
	Boom arm slewing angle	90	Any applicable numeric value
	Volume of container	150	Above 150
	Mounting	Chassis	*
	Size of hydraulic hoze	0.25	Any applicable numeric value
Rodding Machine	Type of Electric Motor	-	*
	Power of Electric Motor	0.5	Above 0.5
	Voltage of Electric Motor	220	*
	Length of electric cable	100	Above 100
	Gear Ratio	-	*
	Confirming IS:11931 for manufacturing standards of steel rods using for Rodding Machine	Yes	*
	Length of Steel Rods as per IS standard	1	Any applicable numeric value
	Diameter of Steel Rods as per IS standard	8	Any applicable numeric value
	Standard Tools and Accessories of Rodding Machine to be provided	Yes	*
	Equipment Length (Rodding)	1055	Any applicable numeric value
	Equipment Width (Rodding)	595	Any applicable numeric value
	Equipment Height (Rodding)	676	Any applicable numeric value
Performance Parameters	Warranty Time	24	Above 24
	Warranty Distance	15000	Any applicable numeric value
	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	Rahul Upadhyay	281001,General Ganj Mathura	1	15

Bid Specific Additional Terms and Conditions

1.Scope of supply (Bid price to include all cost components) : Only supply of Goods

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

---Thank You---