

Bid Document

Bid Details	
Bid End Date/Time	25-07-2020 23:00:00
Bid Opening Date/Time	25-07-2020 23:30:00
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	E-municipalities - Eservices To Citizens And Employees Of Urban Local Bodies Of Uttar Pradesh
Office Name	Nagar Palika Parishad Jaunpur
Total Quantity	1
Item Category	Backhoe Loaders
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
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.

Backhoe Loaders (1 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Certification Parameters	Vehicle Certification	ARAI	*
	Vehicle Certification ARAI/VRDE/ICAT No	-	*

	Compliance to IS 20474-4 for EARTH-MOVING MACHINERY—SAFETY REQUIREMENTS FOR BACKHOE LOADERS	Yes	*
	On Buyer's Demand, Test certificate	Yes	*
Generic Parameters	Engine Model	-	*
	Engine Maximum HP (BHP@ RPM) (range)	71-90	49-55, 56-70, 71-90, 91-96
	Engine Maximum HP (BHP@ RPM)	90	*
	Engine Rated RPM	2200	*
	No of Cylinders (Nos)	4	*
	Engine Bore (mm)	105	*
	Engine Stroke (mm)	120	*
	Engine Cooling System	Water Cooled	*
	Max Torque (N-m@rpm)	350	200 - 430
	Fuel Injection system	-	*
	Torque Backup (%)REM)-III A	-	*
	Vehicle Emission Compliance	BS III	BS III, BS IV Or higher
	Vehicle Mileage (declared by OEM as certified by Test Agency under Rule of CMVR 1989) (Km/Ltr)	6	*
	No of Air Cleaner	2	*
	No of Fuel Filters	2	*
	Type of Gear Box	Synchroshuttle type	*
	No of speeds Forward (Nos)	4	*
	Maximum Forward Speed (Km/hr)	36.6	*
	Maximum Reverse Speed (Km/Hr)	7	*
	Minimum Forward Speed (Km/Hr)	5.3	*
	Minimum Reverse Speed (Km/Hr)	4.6	*
	Power Steering	Yes	Yes
	Steering wheel dia (mm)	372	*
	Brake type	Disc Type(Oil submerged)	*
	Specific Fuel Consumption (SFC)in g/hp/hv (g/hp/hv)	168	*
	Minimum Turning Radius (mtrs or mm) with brakes	3700	*
	Minimum Turning Radius (mtrs or mm) without brakes	4450	*
	Fuel Tank Capacity (Litres)	134	*

Fuel Tank Oil Pan Capacity (Litres)	134	*
Type of Wheel Drive	Four Wheel Drive	Two wheel Drive, Four Wheel Drive
Front Tyre Size with ply rating (mm)	-	*
Rear tyer Size with ply rating (mm)	-	*
Minimum Ground Clearance (mm)	350	Any applicable numeric value
Backhoe Bucket Width	760	*
Backhoe Bucket Capacities in Cubic Metre with locking/bolted teeth	0.26	Any applicable numeric value
Backhoe Bucket Digging Depth	4.8	3 - 6
Backhoe Bucket Digging Force in Kgf	6018	Any applicable numeric value
"Backhoe Bucket Dipper Tear out Force in Kgf"	3250	Any applicable numeric value
"Backhoe Bucket Loading Height in metres"	4.1-4.5	3.3-4.0, 4.1-4.5 Or higher
Backhoe Bucket Loading Reach in metres	5.7-8	1.12-5.6, 5.7-8 Or higher
"Backhoe Bucket Reach from swing Pivot"	5650	*
Type of Loader Bucket	Bottom Dump Bucket	Standard Bucket, Bottom Dump Bucket
Loader Bucket Minimum Capacity	1.2	Any applicable numeric value
Loader Bucket Dump height in metres	2.81-3.10	2.20-2.50, 2.51-2.80, 2.81-3.10 Or higher
Loader Arm Break out Force in kgf	5777	Any applicable numeric value
Loader Bucket Maximum reach at full height in meter	1.22	0.5 - 1.5
Loader Bucket Pay Load in kgs	1980	Any applicable numeric value
Loader Bucket Dig depth	0.11	Any applicable numeric value
Operating Weight (Kgs)	8400	5000 - 9000
Transmission Oil Capacity (Litres)	16.5	*
Hydraulic Oil Capacity (Litres)	110	*
Hydraulic Oil change period	2000	Any applicable numeric value
Di-Ethyl Ether Type Cold starting Kit (to start the CI engine upto -25°C)	No	*
Rock Breaker	Yes	*

Constructional Parameters	Rock Breaker Operating Weight	350 Kg min.	*
	Rock Breaker Operating Pressure (Kgf/cm2)	100 -140 Kgf/cm2	*
	Rock Breaker Strike rate (350 blows per minute)min	350 blows per minute	*
	Instrument Panel	Yes	*
	Hour Meter	Yes	*
	Fuel Gauge	Yes	*
	Temperature Gauge	Yes	*
	Battery Charge Indicator	Yes	*
	Horn	Yes	*
	Oil Pressure Gauge	Yes	*
	Battery Type	Dry	*
	Battery Rating	-	*
	Electrical Alternator	-	*
	Electrical Starter	-	*
	Front Lights	Yes	*
	Rear Lights	Yes	*
	Parking Lights	Yes	*
	Brake Lights	Yes	*
	Plough Lights	Yes	*
	Indicators Lights	Yes	*
	Overall Length (mm)	6280	*
	Overall Width (mm)	2560	Any applicable numeric value
	Overall Height (mm)	3780	*
	Wheel Base (mm)	2140	2000 - 2350
	Cabin/canopy All round visible cabin With easy Walk Through Access	Yes	Yes
	Cabin Instrumental panel with audio indicators	Yes	*
	Cabin Instrumental panel with visual indicators	Yes	*
	Rear view large convex mirror	Yes	*
	Front screen wiper	Yes	*
	Front and rear horn	Yes	*
	Seating Plan Co- Adjustable driver seat with one helper seat	Yes	*
	Doors Front door with fixed toughened glass & locking mechanism with wiper	Yes	*
	Glasses	Yes	*

	Paint Standard automobile paint to the exterior body as per CVMR rules	Yes	*
Performance Parameters	Noise level at operator s ear level (dB)	89	*
	Vibration at seat	No	*
	Vibration at seat (if yes) (micron)	89	*
	Average travel speed (Km/hr)	18.5	*
	Average fuel consumption (litre/hr)	7	*
	Average distance travelled per litre of fuel(Km)	3	*
	Excavator loader to perform various functions such as digging	Yes	*
	Dozing,	Yes	*
	Grabbing,	Yes	*
	Grading	Yes	*
	Loading	Yes	*
	Spreading	Yes	*
	Warranty Time (Month)	12	12, 24, 36
	Operating hours during warranty period	2000	Any applicable numeric value
	Battery Warranty (months)	12	12, 24, 36

* 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	Umesh Prasad	222001,STATION ROAD ALFASTEENGANJ JAUNPUR	1	15

Bid Specific Additional Terms and Conditions

- 1.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.
- 2.Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
- 3.Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.
- 4.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)
- 5.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.

- 6.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. In case of bunch bids, the OEM of CATEGORY RELATED TO primary product having highest bid value should meet this criterion.

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

---Thank You---