

Bid Document

Bid Details	
Bid End Date/Time	24-07-2020 12:00:00
Bid Opening Date/Time	24-07-2020 12:30:00
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 Bah Agra
Total Quantity	1
Item Category	Backhoe Loaders
Bidder Turnover (Last 3 Years)	9 Lakh (s)
OEM Average Turnover (Last 3 Years)	10 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,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	50 %
Bid to RA enabled	No
Inspection Required	No

EMD Detail

Required	No
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ePBG Detail

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Required	No
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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.

3. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 50% 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.

Backhoe Loaders (1 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Certification Parameters	Vehicle Certification	ICAT	*
	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)	49-55	49-55, 56-70, 71-90, 91-96
Engine Maximum HP (BHP@ RPM)	49.5	*
Engine Rated RPM	2200	*
No of Cylinders (Nos)	4	*
Engine Bore (mm)	96	*
Engine Stroke (mm)	112	*
Engine Cooling System	Water Cooled	*
Max Torque (N-m@rpm)	203	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)	8	*
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)	28.8	*
Maximum Reverse Speed (Km/Hr)	28.8	*
Minimum Forward Speed (Km/Hr)	4.4	*
Minimum Reverse Speed (Km/Hr)	4.4	*
Power Steering	Yes	Yes
Steering wheel dia (mm)	400	*
Brake type	Disc Type(Oil submerged)	*
Specific Fuel Consumption (SFC)in g/hp/hv (g/hp/hv)	175	*
Minimum Turning Radius (mtrs or mm) with brakes	5150	*

Minimum Turning Radius (mtrs or mm) without brakes	5450	*
Fuel Tank Capacity (Litres)	60	*
Fuel Tank Oil Pan Capacity (Litres)	8	*
Type of Wheel Drive	Two 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)	330	Any applicable numeric value
Backhoe Bucket Width	745	*
Backhoe Bucket Capacities in Cubic Metre with locking/bolted teeth	0.18	Any applicable numeric value
Backhoe Bucket Digging Depth	3.02	3 - 6
Backhoe Bucket Digging Force in Kgf	3120	Any applicable numeric value
"Backhoe Bucket Dipper Tear out Force in Kgf"	1750	Any applicable numeric value
"Backhoe Bucket Loading Height in metres"	3.3-4.0	3.3-4.0, 4.1-4.5 Or higher
Backhoe Bucket Loading Reach in metres	1.12-5.6	1.12-5.6, 5.7-8 Or higher
"Backhoe Bucket Reach from swing Pivot"	3930	*
Type of Loader Bucket	Standard Bucket	Standard Bucket, Bottom Dump Bucket
Loader Bucket Minimum Capacity	0.5	Any applicable numeric value
Loader Bucket Dump height in metres	2.20-2.50	2.20-2.50, 2.51-2.80, 2.81-3.10 Or higher
Loader Arm Break out Force in kgf	1834	Any applicable numeric value
Loader Bucket Maximum reach at full height in meter	1.12	0.5 - 1.5

	Loader Bucket Pay Load in kgs	800	Any applicable numeric value
	Loader Bucket Dig depth	90	Any applicable numeric value
	Operating Weight (Kgs)	5220	5000 - 9000
	Transmission Oil Capacity (Litres)	16	*
	Hydraulic Oil Capacity (Litres)	60	*
	Hydraulic Oil change period	1000	Any applicable numeric value
	Di-Ethyl Ether Type Cold starting Kit (to start the CI engine upto -25°C)	No	*
	Rock Breaker	No	*
	Rock Breaker Operating Weight	NA for without Rock Breaker	*
	Rock Breaker Operating Pressure (Kgf/cm2)	NA for without Rock Breaker	*
	Rock Breaker Strike rate (350 blows per minute)min	NA for without Rock Breaker	*
Constructional Parameters	Instrument Panel	Yes	*
	Hour Meter	Yes	*
	Fuel Gauge	Yes	*
	Temperature Gauge	Yes	*
	Battery Charge Indicator	Yes	*
	Horn	Yes	*
	Oil Pressure Gauge	Yes	*
	Battery Type	Wet	*
	Battery Rating	-	*
	Electrical Alternator	-	*
	Electrical Starter	-	*
	Front Lights	Yes	*
	Rear Lights	Yes	*
	Parking Lights	Yes	*
	Brake Lights	Yes	*
	Plough Lights	No	*
	Indicators Lights	Yes	*

Overall Length (mm)	5500	*
Overall Width (mm)	1850	Any applicable numeric value
Overall Height (mm)	1850	*
Wheel Base (mm)	2080	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)	90
	Vibration at seat	No
	Vibration at seat (if yes) (micron)	0
	Average travel speed (Km/hr)	7.1
	Average fuel consumption (litre/hr)	3.5
	Average distance travelled per litre of fuel(Km)	8
	Excavator loader to perform various functions such as	Yes

digging		
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	Sunil Kumar	283104,Nagar Palika Parishad Bah Agra	1	30

Bid Specific Additional Terms and Conditions

1. 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.
2. Bid reserved for Make In India products: Procurement under this bid is reserved for purchase from Class 1 local suppliers as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a class 1 local supplier is denoted in the bid document 50%. All bidders must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which the bid is liable to be rejected. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to

Make-in -India) order 2017 dated 04.06.2020 . In case Buyer has selected Purchase preference to Micro and Small Enterprises clause in the bid, the same will get precedence over this clause.

3. The Bidder / OEM {themselves or through reseller(s)}, should have executed project for supply and installation / commissioning of same or similar Category Products during preceding 3 financial years (i.e. current year and three previous financial years) as on opening of bid, as per following criteria:

- (i) Single order of at least 35% of estimated bid value; or
- (ii) Two orders of at least 20% each of estimated bid value; or
- (iii) Three orders of at least 15% each of estimated bid value.

Satisfactory Performance certificate issued by respective Buyer Organization for the above Orders should be uploaded with bid. In case of bunch bids, the 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---