

Bid Document

Bid Details	
Bid End Date/Time	24-07-2020 19:00:00
Bid Opening Date/Time	24-07-2020 19:30:00
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 Palika Parisad Ujhani
Total Quantity	1
Item Category	Backhoe Loaders
Bidder Turnover (Last 3 Years)	9 Lakh (s)
OEM Average Turnover (Last 3 Years)	45 Lakh (s)
Experience Criteria	1 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,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

Required	No
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ePBG Detail

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 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.

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	49-55	49-55

(BHP@ RPM) (range)		
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	203.0 - 430.0 Or higher
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
Front Tyre Size with ply rating (mm)	-	*
Rear tyer Size with ply rating (mm)	-	*
Minimum Ground Clearance (mm)	330	More than 330.0 Or higher
Backhoe Bucket Width	745	*
Backhoe Bucket Capacities in Cubic Metre with locking/bolted teeth	0.18	More than 0.18 Or higher
Backhoe Bucket Digging Depth	3.02	3.02
Backhoe Bucket Digging Force in Kgf	3120	More than 3120.0 Or higher
"Backhoe Bucket Dipper Tear out Force in Kgf"	1750	More than 1750.0 Or higher
"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"	0.18	*
Type of Loader Bucket	Bottom Dump Bucket	Bottom Dump Bucket
Loader Bucket Minimum Capacity	0.5	More than 0.5 Or higher
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	More than 1834.0 Or higher
Loader Bucket Maximum reach at full height in meter	1.12	1.12 - 1.5 Or higher
Loader Bucket Pay	800	800.0

Constructional Parameters	Load in kgs		
	Loader Bucket Dig depth	90	More than 90.0 Or higher
	Operating Weight (Kgs)	5220	5220
	Transmission Oil Capacity (Litres)	16	*
	Hydraulic Oil Capacity (Litres)	60	*
	Hydraulic Oil change period	1000	More than 1000.0 Or higher
	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	*
	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	No	*
	Indicators Lights	Yes	*
	Overall Length (mm)	5500	*

	Overall Width (mm)	1850	1850.0
	Overall Height (mm)	2650	*
	Wheel Base (mm)	2080	2080.0
	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 digging	Yes	*
	Dozing,	Yes	*

Grabbing,	Yes	*
Grading	Yes	*
Loading	Yes	*
Spreading	Yes	*
Warranty Time (Month)	12	12.0
Operating hours during warranty period	2000	2000.0
Battery Warranty (months)	12	12.0

* 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	Nafees Ahamad Saifi	243639,railway road nagar palika ujhani	1	30

Bid Specific Additional Terms and Conditions

1. Scope of supply (Bid price to include all cost components) : Only supply of Goods
2. Successful bidder will have to ensure that adequate number of dedicated technical service personals / engineers are designated / deployed for attending to the Service Request in a time bound manner and for ensuring Timely Servicing / rectification of defects during warranty period, as per Service level agreement indicated in the relevant clause of the bid.
3. Timely Servicing / rectification of defects during warranty period: After having been notified of the defects / service requirement during warranty period, Seller has to complete the required Service / Rectification within 5 days time limit. If the Seller fails to complete service / rectification with defined time limit, a penalty of 0.5% of Unit Price of the product shall be charged as penalty for each week of delay from the seller. Seller can deposit the penalty with the Buyer directly else the Buyer shall have a right to recover all such penalty amount from the Performance Security (PBG).Cumulative Penalty cannot exceed more than 10% of the total contract value after which the Buyer shall have the right to get the service / rectification done from alternate sources at the risk and cost of the Seller besides forfeiture of PBG. Seller shall be liable to re-imburse the cost of such service / rectification to the Buyer.

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

---Thank You---

