

Bid Document

Bid Details	
Bid End Date/Time	25-07-2020 11:00:00
Bid Opening Date/Time	25-07-2020 11:30:00
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 Parishad Bahjoi Sambhal
Total Quantity	1
Item Category	Backhoe Loaders
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,Past Performance,Certificate (Requested in ATC),OEM Authorization Certificate *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. 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	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	71-90
	Engine Maximum HP (BHP@ RPM)	76	*
	Engine Rated RPM	2200	*
	No of Cylinders (Nos)	4	*
	Engine Bore (mm)	106	*
	Engine Stroke (mm)	135	*
	Engine Cooling System	Water Cooled	*
	Max Torque (N-	305	305.0 - 430.0 Or higher

m@rpm)		
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)	7	*
No of Air Cleaner	2	*
No of Fuel Filters	3	*
Type of Gear Box	Synchroshuttle type	*
No of speeds Forward (Nos)	4	*
Maximum Forward Speed (Km/hr)	38	*
Maximum Reverse Speed (Km/Hr)	38	*
Minimum Forward Speed (Km/Hr)	6.1	*
Minimum Reverse Speed (Km/Hr)	6.1	*
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)	190	*
Minimum Turning Radius (mtrs or mm) with brakes	4320	*
Minimum Turning Radius (mtrs or mm) without brakes	5800	*
Fuel Tank Capacity (Litres)	128	*
Fuel Tank Oil Pan Capacity (Litres)	128	*
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)	320	Any applicable numeric value
Backhoe Bucket Width	790	*
Backhoe Bucket Capacities in Cubic Metre with locking/bolted teeth	0.26	More than 0.26 Or higher
Backhoe Bucket Digging Depth	4.77	4.77
Backhoe Bucket Digging Force in Kgf	5700	More than 5700.0 Or higher
"Backhoe Bucket Dipper Tear out Force in Kgf"	3010	More than 3010.0 Or higher
"Backhoe Bucket Loading Height in metres"	4.1-4.5	4.1-4.5 Or higher
Backhoe Bucket Loading Reach in metres	5.7-8	5.7-8 Or higher
"Backhoe Bucket Reach from swing Pivot"	5400	*
Type of Loader Bucket	Bottom Dump Bucket	Bottom Dump Bucket
Loader Bucket Minimum Capacity	1	More than 1.0 Or higher
Loader Bucket Dump height in metres	2.51-2.80	2.51-2.80, 2.81-3.10 Or higher
Loader Arm Break out Force in kgf	5300	More than 5300.0 Or higher
Loader Bucket Maximum reach at full height in meter	1.15	1.15 - 1.5 Or higher
Loader Bucket Pay Load in kgs	1800	1800.0
Loader Bucket Dig depth	70	More than 70.0 Or higher
Operating Weight (Kgs)	7510	7510
Transmission Oil Capacity (Litres)	17.5	*
Hydraulic Oil Capacity (Litres)	120	*
Hydraulic Oil change	2000	More than 2000.0 Or

	period		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	*
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)	5200	*
	Overall Width (mm)	2320	2320.0
	Overall Height (mm)	3500	*
	Wheel Base (mm)	2171	2171.0
	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)	85	*
	Vibration at seat	No	*
	Vibration at seat (if yes) (micron)	0	*
	Average travel speed (Km/hr)	22	*
	Average fuel consumption (litre/hr)	6	*
	Average distance travelled per litre of fuel(Km)	4.75	*
	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
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* 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	Navdeep Kumar	244302,NAGAR PALIKA PARISHAD BAHJOI SAMBHAL UP	1	30

Bid Specific Additional Terms and Conditions

1. 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)
2. 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.
3. Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
4. Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.
5. 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 7 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.
6. For fulfilling the experience criteria any one of the following documents may be considered as valid proof for meeting the experience criteria:
 - a. Purchase Order copy along with Invoice(s) with self-certification by the bidder that supplies against the invoices have been executed.
 - b. Execution certificate by client with order value.
 - c. Any other document in support of order execution like Third Party Inspection release note, etc.

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

---Thank You---