

### Bid Document

Bid Details	
Bid End Date/Time	27-07-2020 12:00:00
Bid Opening Date/Time	27-07-2020 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	Housing And Urban Planning Department Uttar Pradesh
Organisation Name	Uttar Pradesh Housing And Development Board
Office Name	Hapur Pilkhuwa Development Authority
Total Quantity	1
Item Category	Backhoe Loaders
Bidder Turnover (Last 3 Years)	5 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	20 %
Bid to RA enabled	No
Inspection Required	No
Estimated Bid Value	3310000

### 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 20% 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	-	*
	<b>Engine Maximum HP (BHP@ RPM) (range)</b>	91-96	91-96
	Engine Maximum HP (BHP@ RPM)	92	*
	Engine Rated RPM	2200	*
	No of Cylinders (Nos)	4	*
	Engine Bore (mm)	103	*
	Engine Stroke (mm)	132	*
	Engine Cooling System	Water Cooled	*
	<b>Max Torque (N-m@rpm)</b>	408	408.0 - 430.0 Or higher
	Fuel Injection system	-	*
	Torque Backup (%)REM)-III A	-	*
	<b>Vehicle Emission Compliance</b>	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	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)	7.26	*
Minimum Reverse Speed (Km/Hr)	7.26	*
<b>Power Steering</b>	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	5200	*
Minimum Turning Radius (mtrs or mm) without brakes	5750	*
Fuel Tank Capacity (Litres)	128	*
Fuel Tank Oil Pan Capacity (Litres)	128	*
<b>Type of Wheel Drive</b>	Four Wheel Drive	Four Wheel Drive
Front Tyre Size with ply rating (mm)	-	*
Rear tyer Size with ply rating (mm)	-	*
<b>Minimum Ground Clearance (mm)</b>	265	More than 265.0 Or higher
Backhoe Bucket Width	845	*
<b>Backhoe Bucket Capacities in Cubic Metre with locking/bolted teeth</b>	0.3	More than 0.3 Or higher
<b>Backhoe Bucket Digging Depth</b>	4.9	4.9
<b>Backhoe Bucket Digging Force in Kgf</b>	5700	More than 5700.0 Or higher
<b>"Backhoe Bucket Dipper Tear out Force in Kgf"</b>	3010	More than 3010.0 Or higher
<b>"Backhoe Bucket Loading Height in metres"</b>	4.1-4.5	4.1-4.5 Or higher
<b>Backhoe Bucket Loading Reach in metres</b>	5.7-8	5.7-8 Or higher
"Backhoe Bucket Reach from swing Pivot"	5600	*
<b>Type of Loader Bucket</b>	Bottom Dump Bucket	Bottom Dump Bucket
<b>Loader Bucket Minimum</b>	1	More than 1.0 Or higher

<b>Capacity</b>		
<b>Loader Bucket Dump height in metres</b>	2.81-3.10	2.81-3.10 Or higher
<b>Loader Arm Break out Force in kgf</b>	4550	More than 4550.0 Or higher
<b>Loader Bucket Maximum reach at full height in meter</b>	1.15	1.15 - 1.5 Or higher
<b>Loader Bucket Pay Load in kgs</b>	1800	1800.0
<b>Loader Bucket Dig depth</b>	150	More than 150.0 Or higher
<b>Operating Weight (Kgs)</b>	7880	7880
Transmission Oil Capacity (Litres)	17.5	*
Hydraulic Oil Capacity (Litres)	130	*
<b>Hydraulic Oil change period</b>	2000	More than 2000.0 Or higher
Di-Ethyl Ether Type Cold starting Kit (to start the CI engine upto -25°C)	Yes	*
Rock Breaker	Yes	*
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	*
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)	6500
	<b>Overall Width (mm)</b>	2500
		2500.0

	Overall Height (mm)	3900	*
	<b>Wheel Base (mm)</b>	2250	2250.0
	<b>Cabin/canopy All round visible cabin With easy Walk Through Access</b>	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)	2.4	*
	Excavator loader to perform various functions such as digging	Yes	*
	Dozing,	Yes	*
	Grabbing,	Yes	*
	Grading	Yes	*
	Loading	Yes	*
	Spreading	Yes	*
	<b>Warranty Time (Month)</b>	12	12.0
	<b>Operating hours during warranty period</b>	2000	2000.0
	<b>Battery Warranty (months)</b>	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	Dinesh Kumar	245101,Preet Vihar Hapur- delhi Road, Hapur	1	15

### Bid Specific Additional Terms and Conditions

- 1.After award of contract – Successful Bidder shall have to get Detailed Design Drawings approved from buyer before starting fabrication. Successful Bidder shall submit Detailed Design Drawings for Buyer's approval, within 7 days of award of contract. Buyer shall, either approve the drawings or will provide complete list of modification required in the drawings within 5 days. Seller shall be required to ensure supply as per approved Drawings with modifications as communicated by Buyer. If there is delay from buyer side in approval of drawing- the delivery period shall be refixed without LD for the period of delay in approval of Drawing.
- 2.**Staggered Delivery:** The ordered items shall be supplied in a staggered manner. ( 1 Quantity shall be supplied within 30 days of contract placement and thereafter 1 Quantity per Month)
- 3.**Bidder financial standing:** The bidder should not be under liquidation, court receivership or similar proceedings, should not be bankrupt. Bidder to upload undertaking to this effect with bid.
- 4.**Consortium:** In case of Contracts, wherein the seller alone does not have necessary expertise, the seller can form consortium with other sellers for submission of the bid, with one of the consortium company as leader. However, each and every member of the consortium shall be equally responsible for the complete execution of the project contract. An undertaking to this effect is to be uploaded with bid.
- 5.**End User Certificate:** Wherever Bidders are insisting for End User Certificate from the Buyer, same shall be provided in Buyer's standard format only.
- 6.IMPORTED PRODUCTS: In case of imported products, OEM or Authorized Seller of OEM should have a registered office in India to provide after sales service support in India. The certificate to this effect should be submitted.
- 7.Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any.
- 8.ISO 9001: The bidder must have ISO 9001 certification.
- 9.Material Test Certificate Should Be Sent Along with The Supply. The Material Will Be Checked by Buyer's Lab & the Results of the Lab will be the Sole Criteria for Acceptance of the Item.
- 10.The bidder is required to upload, along with the bid, all relevant certificates such as BIS licence, type test certificate, approval certificates and other certificates as prescribed in the Product Specification given in the bid document.
- 11.To be eligible for award of contract, Bidder / OEM must possess following Certificates / Test Reports on the date of bid opening (to be uploaded with bid): Yes.

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

---Thank You---