

Bid Document

Bid Details	
Bid End Date/Time	11-07-2020 18:00:00
Bid Opening Date/Time	2020-07-11 18:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Bihar
Department Name	Urban Development & Housing Department Bihar
Organisation Name	Urban Development And Housing Department
Office Name	Municipal Corporation Begusarai
Total Quantity	1
Item Category	Backhoe Loaders (PAC Only)
Bidder Turnover (Last 3 Years)	10 Lakh (s)
OEM Average Turnover (Last 3 Years)	80 Lakh (s)
Experience Criteria	3 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,Bidder Turnover,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
Bid to RA enabled	Yes
Inspection Required	No

EMD Detail

Advisory Bank	State Bank of India
EMD Percentage(%)	2.00
EMD Amount	57700

ePBG Detail

Advisory Bank	State Bank of India
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ePBG Percentage(%)	2.00
Duration of ePBG required (Months).	12

(a). EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy.

(b). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

Beneficiary:

DEPUTY MUNICIPAL COMMISSIONER
MUNICIPAL CORPORATION BEGUSARAI, Urban Development & Housing Department Bihar, Urban Development and Housing Department,
(Hemant Kumar)

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.

Backhoe Loaders (1 pieces) (Under PAC)

Make	jcb
Model	jcb3dxsuper4wd

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	ARAI DT 03/03/2017	*
	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	JCB 444 TC	*
	Engine Maximum HP (BHP@ RPM) (range)	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	*
	Max Torque (N-m@rpm)	408	408.0 - 430.0 Or higher
	Fuel Injection system	DIRECT INJECTION	*
	Torque Backup (%)REM)-III A	8	*
	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	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	*
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	5200	*
Minimum Turning Radius (mtrs or mm) without brakes	5750	*
Fuel Tank Capacity (Litres)	128	*
Fuel Tank Oil Pan Capacity (Litres)	128	*
Type of Wheel Drive	Four Wheel Drive	Four Wheel Drive
Front Tyre Size with ply rating (mm)	12.5X18-12PR	*
Rear tyer Size with ply rating (mm)	16.9X28-12PR	*
Minimum Ground Clearance (mm)	300	More than 300.0 Or higher
Backhoe Bucket Width	845	*
Backhoe Bucket Capacities in Cubic Metre with locking/bolted teeth	0.3	More than 0.3 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"	5610	*
	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	2.81-3.10	2.81-3.10 Or higher
	Loader Arm Break out Force in kgf	4550	More than 4550.0 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	150	More than 150.0 Or higher
	Operating Weight (Kgs)	8010	8010
	Transmission Oil Capacity (Litres)	17.5	*
	Hydraulic Oil Capacity (Litres)	130	*
	Hydraulic Oil change period	2000	More than 2000.0 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	*
Constructional Parameters	Instrument Panel	Yes	*
	Hour Meter	Yes	*
	Fuel Gauge	Yes	*
	Temperature Gauge	Yes	*
	Battery Charge	Yes	*

Indicator		
Horn	Yes	*
Oil Pressure Gauge	Yes	*
Battery Type	Wet	*
Battery Rating	130AH 12V	*
Electrical Alternator	YES	*
Electrical Starter	YES	*
Front Lights	Yes	*
Rear Lights	Yes	*
Parking Lights	Yes	*
Brake Lights	Yes	*
Plough Lights	No	*
Indicators Lights	Yes	*
Overall Length (mm)	6350	*
Overall Width (mm)	2350	2350.0
Overall Height (mm)	3900	*
Wheel Base (mm)	2240	2240.0
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)	2.4	*
	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	Hemant Kumar	851101, NEAR MAIN BRANCH SBI, SRI KRISHNA SINGH CHOWK, BEGUSARAI	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)

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

---Thank You---