

### Bid Document

Bid Details	
Bid End Date/Time	27-07-2020 21:00:00
Bid Opening Date/Time	27-07-2020 21:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	15 (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	Npp Bachhraon
Total Quantity	1
Item Category	Backhoe Loaders
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	Bidder 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	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.

### Backhoe Loaders ( 1 pieces )

#### Technical Specifications

[\\* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement
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			(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	-	*
	<b>Engine Maximum HP (BHP@ RPM) (range)</b>	49-55	49-55
	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	*
	<b>Max Torque (N-m@rpm)</b>	203	203.0 - 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)	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	*
	<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)	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	*
<b>Type of Wheel Drive</b>	Two wheel Drive	Two wheel Drive
Front Tyre Size with ply rating (mm)	-	*
Rear tyer Size with ply rating (mm)	-	*
<b>Minimum Ground Clearance (mm)</b>	330	More than 330.0 Or higher
Backhoe Bucket Width	745	*
<b>Backhoe Bucket Capacities in Cubic Metre with locking/bolted teeth</b>	0.18	More than 0.18 Or higher
<b>Backhoe Bucket Digging Depth</b>	3.02	3.02
<b>Backhoe Bucket Digging Force in Kgf</b>	3120	More than 3120.0 Or higher
<b>"Backhoe Bucket Dipper Tear out Force in Kgf"</b>	1750	More than 1750.0 Or higher
<b>"Backhoe Bucket Loading Height in metres"</b>	3.3-4.0	3.3-4.0, 4.1-4.5 Or higher
<b>Backhoe Bucket Loading Reach in metres</b>	1.12-5.6	1.12-5.6, 5.7-8 Or higher
"Backhoe Bucket Reach from swing Pivot"	3930	*
<b>Type of Loader Bucket</b>	Standard Bucket	Standard Bucket
<b>Loader Bucket Minimum Capacity</b>	0.5	More than 0.5 Or higher
<b>Loader Bucket Dump height in metres</b>	2.20-2.50	2.20-2.50, 2.51-2.80, 2.81-3.10 Or higher
<b>Loader Arm Break out Force in kgf</b>	1834	More than 1834.0 Or higher
<b>Loader Bucket Maximum reach at full height in meter</b>	1.12	1.12 - 1.5 Or higher
<b>Loader Bucket Pay Load in kgs</b>	800	800.0
<b>Loader Bucket Dig depth</b>	90	More than 90.0 Or higher
<b>Operating Weight (Kgs)</b>	5220	5220
Transmission Oil Capacity (Litres)	16	*
Hydraulic Oil Capacity (Litres)	60	*
<b>Hydraulic Oil change period</b>	1000	More than 1000.0 Or higher
Di-Ethyl Ether Type Cold starting Kit (to start the CI engine upto -25°C)	No	*

Constructional Parameters	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	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	*
	<b>Overall Width (mm)</b>	1850	1850.0
	Overall Height (mm)	1850	*
	<b>Wheel Base (mm)</b>	2080	2080.0
	<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)	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	*
	<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	Tejpal Singh	244225,NAGAR PALIKA PARISHAD BACHHARON AMROHA	1	15

#### Bid Specific Additional Terms and Conditions

1. Without prejudice to Buyer's right to price adjustment by way of discount or any other right or remedy available to Buyer, Buyer may terminate the Contract or any part thereof by a written notice to the Seller, if:
  - i) The Seller fails to comply with any material term of the Contract.
  - ii) The Seller informs Buyer of its inability to deliver the Material(s) or any part thereof within the stipulated Delivery Period or such inability otherwise becomes apparent.
  - iii) The Seller fails to deliver the Material(s) or any part thereof within the stipulated Delivery Period and/or to replace/rectify any rejected or defective Material(s) promptly.
  - iv) The Seller becomes bankrupt or goes into liquidation.
  - v) The Seller makes a general assignment for the benefit of creditors.
  - vi) A receiver is appointed for any substantial property owned by the Seller.
  - vii) The Seller has misrepresented to Buyer, acting on which misrepresentation Buyer has placed the Purchase Order on the Seller.

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

**---Thank You---**