

### Bid Document

Bid Details	
Bid End Date/Time	27-07-2020 13:00:00
Bid Opening Date/Time	27-07-2020 13:30:00
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 Panchayat Salempur
Total Quantity	1
Item Category	Crawler Hydraulic Excavator
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,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
Bid to RA enabled	No
Inspection Required	No

### EMD Detail

Advisory Bank	State Bank of India
EMD Percentage(%)	2.00
EMD Amount	66000

### ePBG Detail

Required	No
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(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:

EXECUTIVE OFFICER  
NAGAR PANCHAYAT SALEMPUR, Urban Development Department Uttar Pradesh, N/A,

### Splitting

Bid splitting not applied.

## Crawler Hydraulic Excavator ( 1 pieces )

### Technical Specifications

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

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Generic Parameters	<b>Conforming IS/ISO 7135:2009 Hydraulic Excavator (Crawler)</b>	Yes	Yes
	Make	-	*
	Model	-	*
	Type of the excavator	Crawler	*
	<b>Operating mass</b>	3195	More than 3195.0 Or higher
	<b>Shipping mass</b>	3120	More than 3120.0 Or higher
	Engine manufacturer and model	-	*
	<b>Ignition type</b>	Diesel	Diesel
	<b>Type of cycle</b>	4 Stroke	4 Stroke
	Aspiration	Naturally aspirated	*
	No of cylinders	3	*
	Bore	87	*
	Stroke	93	*
	Displacement (cc)	1650	*
	<b>Max Engine horsepower</b>	27.5	More than 27.5 Or higher
	<b>Maximum Engine torque (Nm@rpm)</b>	105	105
	Engine cooling system	Liquid cooled	*
	Type of fuel	Diesel	*
	Starter type	-	*
	Electrical system voltage (in volts)	12	*
	<b>Bucket capacity to handle material of density</b>	0.1	0.1
	<b>ISO net flywheel power at given engine speed (hp@rpm)</b>	27.5	More than 27.5 Or higher
	<b>Maximum swing speed</b>	9	9
	<b>Reach at ground level</b>	4905	4905.0
	<b>Depth reach</b>	2820	More than 2820.0 Or higher

	<b>Travel speed</b>	4.6	4.6
	<b>Gradeability (degree)</b>	30	More than 30.0 Or higher
	<b>Force at bucket curl at the Tip</b>	30	30.0
	Stick crowding force	30	*
	Ground Pressure	20	*
	<b>Operating weight</b>	3195	More than 3195.0 Or higher
	Draw bar pull	32	*
	<b>Standard Boom</b>	2195	2195.0
	<b>Standard Arm</b>	1165	1165.0
	<b>maximum digging depth</b>	2820	More than 2820.0 Or higher
	<b>maximum digging Reach</b>	3100	More than 3100.0 Or higher
	<b>Rated Lift Capacity</b>	650	650
	<b>fuel tank capacity</b>	46	46.0
Certification	Vehicle Certification ARAI/VRDE/ICAT	No	*
	If No, mention the name of Vehicle Certification agency	-	*
	Vehicle Certification name and date	-	*
	Compliance with pollution standards, safety standards of components and road worthiness as per CMVR rules	Yes	*
	Availability of test report for the product from Any ILAC/NABI accredited/central government lab to be furnished to buyers on demand	Yes	*
	Responsibility of Registration with RTO	Yes	*
	IS/ISO 6165 : 2006 Earth moving machinery - basic types - Identification and terms and definitions	Yes	*
	IS 11114 : 2006 Earth-moving machinery - Definitions of dimensions and codes: Part 2 base machine	Yes	*
	IS 11114 : 2006 Earth-moving machinery - Definitions of dimensions and codes: Equipment and attachments	Yes	*
Construction Parameters	IS13116 : 2006 Earth-moving machinery -Engine Test Code - Net power	Yes	*
	Overall length	4530	*
	Overall width	1550	*

Overall height	2455	*
Overall transport length	4530	*
Width of upper structure	1550	*
Track overall length	2100	*
Track overall width when retracted	1550	*
Track overall width when extended	1550	*
Track shoe width	300	*
Centre to centre - idler to sprocket	1665	*
Upper structure ground clearance	290	*
<b>minimum ground clearance</b>	290	More than 290.0 Or higher
Tail swing radius (standard)	790	*
Tail swing radius (counterweight)	790	*
Backfill Blade height	343	*
Backfill blade width	1550	*
Backfill blade rise above ground	365	*
Backfill blade dig depth	375	*
Maximum Cutting height	4250	*
<b>Maximum Loading height</b>	2865	More than 2865.0 Or higher
<b>Minimum Loading height</b>	2865	2865.0
Maximum vertical wall digging depth	4250	*
Hydraulic pump system type	-	*
Hydraulic pump flow at given pressure (L/hr)	110	*
Hydraulic pump flow at given speed (L/hr)	110	*
Hydraulic system fluid capacity	55	*
Hydraulic system output	36	*
Cooling system fluid capacity	8	*
engine crankcase fluid capacity	6	*
pump drive fluid capacity	0	*
Swing reduction	0	*
Swing circle lubrication	-	*
Swing lock	-	*
swing drive fluid capacity	0	*
Filtration system	-	*

Fuel filters	-	*
Air Cleaners	Yes	*
Type of Steering	Power	*
Type of braking system	Hydraulic	*
Type of final drive	Planetary	*
final drive fluid capacity	1	*
Type of Track	-	*
Track dimensions	300	*
Ground Contact area	10	*
Number of shoes on each side	46	*
Number of carrier rollers	1	*
Number of track rollers	5	*
Cab height	2455	*
Crawler track height	370	*
Clearance height under upper structure	50	*
Undercarriage overall width	1550	*
Shipping height	2455	*
Shipping height with guard rail	2455	*
Shipping length	4530	*
tail swing radius	790	*
Length to centre of rollers	1530	*
Counterweight clearance	50	*
Right-side upper structure distance from axles of rotation	200	*
cab width overall	750	*
Track gauge with track extended	1550	*
track gauge with track retracted	1550	*
Crawler overall length	2100	*
Sprocket axis to axis of rotation (in degrees)	0	*
Upper structure rearmost distance from axis of rotation	0	*
Maximum dumping height for shovel	4250	*
Length of level floor cut	10	*
Minimum level floor radius	10	*
Muffler with rain cap	Yes	*
Fuel Consumption for Earthwork application	3	*
Maximum dig radius	70	*

Dig radius at groundline	70	*
<b>Maximum dig depth</b>	2820	More than 2820.0 Or higher
Vertical straight wall dig depth	4250	*
<b>Dump height</b>	4250	More than 4250.0 Or higher
<b>Overall reach height</b>	4250	More than 4250.0 Or higher
Bucket rotation	0	*
Arm digging Force	30	*
<b>Bucket Digging Force (ISO)</b>	30	More than 30.0 Or higher
<b>Stick Digging Force (ISO)</b>	35	35.0
Bucket Digging Force (SAE)	32	*
Stick Digging Force (SAE)	32	*
Fully enclosed steel cabin with safety pipes window locking service doors and adjustable cushion seal	Yes	*
Service hour meter	Yes	*
Complete Instrumentation	Yes	*
Starter key switch	Yes	*
2 working light and cabin light	Yes	*
Electric Horn	Yes	*
Parking brakes	Yes	*
Emergency shut off	Yes	*
Cabin/canopy :All round visible cabin ,With easy Walk Through Access	Yes	*
Instrument Panel	Yes	*
Cabin Instrumental panel with audio indicators	Yes	*
Cabin Instrumental panel with visual indicators	Yes	*
Seating Plan: Co- Adjustable driver seat with one helper seat	No	*
Doors:-Front door with fixed toughened glass & locking mechanism with wiper	No	*
Glasses:-Front wind screen, rear glass in two pieces glass	No	*
Paint:Standard automobile paint to the exterior body as per CVMR rules	Yes	*
Rear view large convex mirror	Yes	*
Front screen wiper	No	*
Front and rear horn	Yes	*

Performance Parameters	Number of roller	5	*
	Lift Path	Yes	*
	Cabin Entry and Exit	Yes	*
	Operation Control	Yes	*
	Length Without Attachment	4530	*
	ISO net engine power (HP@rpm)	27.5	*
	Maximum travel speed (high) (km/hr)	4.6	*
	Maximum travel speed (low) (km/hr)	3.1	*
	Braking performance	-	*
	<b>Tipping Load (kN)</b>	30	30
	Digging Tool used	Hoe	*
	maximum force by Shovel/hoe/clamshell using arm cylinder (kN)	30	*
	maximum force by Shovel/hoe/clamshell using bucket cylinder (kN)	30	*
	Warranty time	1	*
	<b>Operating hours during warranty period</b>	2000	2000.0
	Battery warranty	1	*
	No Of Free services	3	*
	Transportation charge (in Rupees)	110000	*
	Maintenance cost for first 5000 Hrs (in Rupees)	270000	*
	Excavator Self propelled machine on crawlers having an upper structure capable of 360 degree swing and with mounted equipment which is primarily designed for excavating with bucket without movement of undercarriage during work cycle	Yes	*
	Work cycle normally compromised excavating, elevating , swinging and discharging of material	Yes	*

\* 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	Address	Quantity	Delivery Days
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	Officer			
1	Vijay Prakash Srivastava	274509,NAGAR PANCHAYAT SALEMPUR	1	15

#### Special terms and conditions for category Crawler Hydraulic Excavator

1. Only bid /RA option will be available for buyer as these equipments are not standard and freight Intensive product.
2. Test reports if any, desired by buyer will be provided by seller at the time of supply.
3. Operational and maintenance contract if desired by buyer will be provided as per their requirement.
4. Delivery period will be 90 days (normal).

#### Bid Specific Additional Terms and Conditions

1. 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.
2. Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
3. Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.
4. Scope of supply (Bid price to include all cost components) : Only supply of Goods
5. Bidder Turn Over Criteria: The minimum average annual financial turnover of the bidder 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 bidder 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.
6. 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. In case of bunch bids, the OEM of CATEGORY RELATED TO primary product having highest bid value should meet this criterion.
7. ISO 9001: The bidder must have ISO 9001 certification.
8. **Upload Manufacturer authorization:** Wherever Authorised Distributors are submitting the bid, Manufacturers Authorisation Form (MAF)/Certificate with OEM details such as name, designation, address, e-mail Id and Phone No. required to be furnished along with the bid.
9. 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 1 year 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 primary product having highest value should meet this criterion.
10. 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 15 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.
11. Bidders can also submit the EMD with Fixed Deposit Receipt made out or pledged in the name of Executive Officer Nagar Panchayat Salempur Deoria Uttar Pradesh A/C (Name of the Seller). The bank should certify on it that the deposit can be withdrawn only on the demand or with the sanction of the pledgee. For release of EMD, the FDR will be released in favour of bidder by the Buyer after making endorsement on the back of the FDR duly signed and stamped along with covering letter.  
Bidder has to upload scanned copy / proof of the FDR along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date / Bid Opening date.
12. **OPTION CLAUSE:** The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity by up to 25% of the contracted quantity during the currency of the contract at the contracted rates.



Bidders are bound to accept the orders accordingly.

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

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