

Bid Document

Bid Details	
Bid End Date/Time	09-06-2020 18:00:00
Bid Opening Date/Time	2020-06-09 18:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Ministry Of Power
Department Name	Contracts And Materials
Organisation Name	Ntpc Ltd
Office Name	Ssc Sr Ntpc Simhadri Visakhapatnam Ap 531020
Total Quantity	1
Item Category	rollers smooth wheeled diesel road rollers
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	Experience Criteria *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

EMD Detail

Required	No
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ePBG Detail

Required	No
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Splitting

Bid splitting not applied.

Rollers Smooth Wheeled Diesel Road Rollers (1 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Generic Parameters	Conformity to Indian Standrad for General requirements for Smooth Wheeled Diesel Road Rollers	IS:5502 latest	*
	Type	Three Wheeled Type powered by Water cooled diesel Engine.	*
	Nominal Weight(unballasted) (Tonnes)	4	4
	Operating Weight(unballasted) (5% of nominal weight) (Tonnes)	1500	1500
	Ballasting(20 to 30 percent of Nominal Weight) (Tonnes)	1.5	1.5
	Class B Diesel Engine Conforming to IS:10000 (part-7) latest	Yes	*
	Engine Capicity at 1500 rpm (BHP)	33.5	33.5
	Electric srtaring battery	12V135AH min,at 20hrs rating	*
	Engine Cooling	Water Cooled	*
	Radiator of adeqate capacity	Yes	*
	Steering	Power	Power
	Transmission and Clutch	Hydraulic	Hydraulic
	No. of Forward Gears (Nos)	4	4
	No of Reverse Gears (Nos)	4	4
	Road forward and reverse Speeds for Power Transmission at first gear (Km/Hr)	1.5-1.9 For 4 tonne	1.5-1.9 For 4 tonne
	Road forward and reverse Speeds for Power Transmission at Second gear	2.50-3.0 For 4 tonne	2.50-3.0 For 4 tonne

	(Km/Hr)		
	Road forward and reverse Speeds for Power Transmission at third gear (Km/Hr)	6.0 to 10 For 8 tonne	*
	Ballasted Weight with Sand Ballast (Kg)	1500	1500
	Ballasted Weight with Water Ballast (Kg)	1500	1500
	Ballasted Weight at equalizing Pressure (Kg)	1500	1500
	Designed Max speed (Km/Hr)	6	6
	Wheel base (mm)	1828	1828.0
	Turning Radius ,inner (mm)	2900 for 4 tonne	2900 for 4 tonne
	Turning Radius ,outer (mm)	4400 for 4 tonne	4400 for 4 tonne
	Turning Space (mm)	2070	2070.0
	Fuel Consumption (Litres/Hr)	-	*
	Fuel Tank Capacity(for min 8 hrs on full load)(liters)	5	5.0
	Sprinkler tank Capacity(min) (litres)	100 for 4 tonne	100 for 4 tonne
	Hydraulic oil tank capacity,if used (litres)	20	20.0
	Gradient of 1 in 5 at first gear speed in forward or reverse drive on firm, hard and even sub-soil	Yes	Yes
	Fully self wrapping, expanding/contracting brakes	Shoe Type	*
	Brake drum Control	By Foot pedal	By Foot pedal
	Vehicle Emission Compliance as per latest government gazette notification	Yes	*
Certification	Capacity of machine	Yes	*

Parameters	will also certified by ILAC NABL GOVT LAB		
	Availability of Type Test Report covering all test parameters as per IS 5502 and for Diesel Engine to IS:10000 (PT-7) latest and claims in the product on GeM from any ILAC/NABL accredited/Central GovLAB	Yes	*
	Test cetificate No.	-	*
	Teat Report Date	-	*
	Name of the Lab where test Conducted.	-	*
	Safety Requirement as IS 5502 latest	Yes	*
Performance Parameters	Warranty (Years)	1	*
Constructional Parameters	Rolling Width (mm)	1000	1000.0
	Diameter of rear Rolls (mm)	610	610.0
	Width of rear rolls (mm)	1000	1000.0
	Diameter of Front Rolls (mm)	610	610.0
	Width of front rolls (mm)	1000	1000.0
	Overall length of road roller (mm)	2440	2440.0
	Overall height of awning/cabin (mm)	2133	2133.0
	Overall height of without awning/cabin (mm)	2070	2070.0
	The road roller equipped the clutch with heavy Automotive double acting single plate quick release type controlled by a single hand lever	Yes	*
	Electrical and hand crank starting arrangement	Yes	*
	Materials used for	Yes	*

construction of Road Roller conforming to requirement of IS 5502 latest		
Cold starting arrangement for starting at -30 deg C	Yes	*
Ammeter oil pressure gauge oil temperature gauge, water temperature gauge fuel gauge and hour meter	Yes	*
Awning	Yes	*
Water sprinkler and tanks with sprinkling system	Yes	*
Pressure balancing arrangement	Yes	*
Scraper	Yes	*
Tool Box with a set of Tools and instruction manual	Yes	*
Lifting Jack of minimum 10 tonnes capacity	Yes	*
Driver Seat an adjustable and comfortable with clear vision at all sides of machine from his sitting position	Yes	*
Control a) Starting and stopping arrangement for prime mover b) Gear shifting lever c) Parking break lever d) Forward or reverse clutch e) pendal break f) water Sprinkler v alves g) Accelerating lever h)Hand steering wheel j) Different Lock K) Heater button (cold starting device)if required m) Control for wiper if fitte	Yes	*
Standard Tools spares and accessories	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 Officer	Address	Quantity	Delivery Days
1	Ravulapalli Ramesh	505215,AGM (STORES), Ramagundam Super Thermal Power Station, NTPC LIMITED, P.O. Jyothinagar, District Peddapalli Telangana-505215.	1	30

Special terms and conditions for category rollers smooth wheeled diesel road rollers

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. Scope of supply (Bid price to include all cost components) : Only supply of Goods
2. 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.

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

---Thank You---