

Sr. No.	NFL Requirement as per NIT				Vendors Comment (Agreed / If not Agreed, Please Comment)
	Sr. No.	Description of Material	Qty.	UOM	
1	i	Backhoe Loader for Coal and Urea handling as per Annexure I	01	Nos.	
	Note: I	Bidder shall submit the documents as per the Eligibility Criteria and provide compliances to Annexure I			
	Note: II	RC and Insurance shall be in NFL Scope, However Bidder shall provide documents required for the registration and arrange for temporary registration.			
	(i) Training	Successful Bidder shall provide training for operation of this machine to NFL Operators at NFL Nangal site.			
	(ii) Demonstration	Successful Bidder shall have to demonstrate operational parameters of machine during its commissioning at NFL Nangal site.			
	(iii) Warranty	You shall have to furnish a Guarantee / Warranty Certificate for your products against defective material / bad workmanship for a period of 12 months from the date of commissioning. In case the material fails during the above Guarantee period due to defective material or bad workmanship, you will have to replace the same free of cost. Certificate must accompany the dispatch documents.			
	(iv)	Any problem observed in machine parts during warranty period shall be rectified / replaced by party free of cost.			
	(v) Free Services	Successful bidder shall provide free services maintenance of machine as per OEM recommendation during warranty period. Party shall provide free consumable service kit (like air filters, lube oil filters, diesel oil filters, transmission oil filters, hydraulic oil filters etc.) and oil (like engine oil, brake oil, hydraulic oil, axle oil, transmission oil etc.) required for these services as per OEM recommendation during warranty period along with supply of crane.			
	(vi) Service Schedule	Bidder shall submit service schedule with Bill of Materials required for these services as per OEM recommendation.			
	(vii) Technical Catalogue	Bidder shall submit detailed technical catalogue of the offered machine with the quotation.			
	(viii) List of two years recommended spares	Successful bidder shall provide list of 2 years recommended spares required after warranty period.			
	(ix) Manual	Successful bidder shall provide 3 sets of part catalogue and operation & maintenance manual along with the supply of materials.			

Engine Maximum HP at Rated RPM	70 HP or above ✓
Rated RPM at Engine Maximum HP	(@rpm): 2200 (approx.) ✓
Power Steering	Yes ✓
Fuel Type	Diesel ✓
Engine Cooling System	Water Cooled ✓
Vehicle Emission Compliance	As per ARAI norms applicable at the time of PO. ✓
Vehicle Mileage (declared by OEM) (Km/Ltr)	To be specified by the vendor
Type of Gear Box	To be specified by the vendor
No of speeds Forward (Nos)	To be specified by the vendor
Maximum Forward Speed (Km/hr)	To be specified by the vendor
Maximum Reverse Speed (Km/Hr)	To be specified by the vendor
Power Steering	Yes
Brake type	To be specified by the vendor
Minimum Turning Radius (mm) with brakes	To be specified by the vendor
Minimum Turning Radius (mm) without brakes	To be specified by the vendor
Fuel Type	Diesel
Fuel Tank Capacity (Litres)	To be specified by the vendor
Type of Wheel Drive	Two wheel Drive
Front Tyre Size with ply rating (mm)	To be specified by the vendor
Minimum Ground Clearance (mm)	To be specified by the vendor
Backhoe Bucket Width (mm)	820 millimeter (approx.)
Backhoe Bucket Capacities (in Cubic Meter) with locking/bolted teeth	0.3 cubic meter or above
Backhoe Bucket Digging Depth (in Meter)	4.8 meter or above
Backhoe Bucket Digging Force in Kgf	To be specified by the vendor

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Backhoe Bucket Dipper Tear out Force in Kgf	To be specified by the vendor
Backhoe Bucket Loading Height (in Meter)	4.00 meter (approx.)
Backhoe Bucket Cutting Height (in meter)	5.50 meter or above
Backhoe Bucket Reach from swing Pivot (Meter)	5.00 meter or above
Type of Loader Bucket	Standard Bucket
Loader Bucket Minimum Capacity (in Cubic Meter)	1.0 cubic meter or above
Loader Bucket Dump height (in meter)	2.5 meter or above
Loader Arm Break out Force in kgf	To be specified by the vendor
Loader Bucket Maximum lift height in meter	3.00 meter (approx.)
Loader Bucket Pay Load in kgs	To be specified by the vendor
Operating Weight (Kgs)	To be specified by the vendor
Constructional Parameters Instrument Panel	Yes
Hour Meter	Yes
Fuel Gauge / Indicator	Yes
Temperature Gauge / Indicator	Yes
Battery Charge Indicator	Yes
Horn	Yes
Oil Pressure Gauge / Indicator	Yes
Battery Type	To be specified by the vendor
Battery Rating	To be specified by the vendor
Electrical Alternator	Yes
Electrical Starter	Yes
Front Lights	Yes
Rear Lights	Yes
Parking Lights	Yes

Brake Lights	Yes
Indicators Lights	Yes
Overall Length (mm)	To be specified by the vendor
Overall Width (mm)	To be specified by the vendor
Overall Height (mm)	To be specified by the vendor
Wheel Base (mm)	To be specified by the vendor
Cabin/canopy All round visible cabin With easy Walk Through Access	Yes
Cabin Instrumental panel with audio indicators	Yes
Cabin Instrumental panel with visual indicators	Yes
Rear view large convex mirror	Yes
Front screen wipe	Yes
Front and rear horn	Yes
Co- Adjustable driver seat	Yes
Approved by ARAI.	Yes
Backhoe loader shall be supplied in charged/ filled condition with recommended quantities of lube oil, hydraulic oil, brake oil, transmission oil, engine oil, axle oil, adblue etc. (if any) required for commissioning of the machine ( diesel shall be provided by NFL at Nangal site).	To be specified by the vendor.

  
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