

BHARAT HEAVY ELECTRICAL LIMITED, JHANSI

Specification No.	6234 ✓
Item No.	MT-2/3/1553 & MT-2/3/1554
Location	LMM Assy.(Loco Manufacturing deptt)
Quantity:	Two Numbers

NOTE:	1. VENDOR must submit complete information against clause No. 10.0 (Qualifying condition). The offer meeting the qualifying condition of enquiry would only be processed.
	2. The " offered" Column and where applicable, the " Deviations" Column of this format shall be filled in by the VI submitted along with the offer. Technical details also submitted with the offer. Inadequate / incomplete, ambiguous unsustainable information against any of the clauses of the specification / requirements shall be treated as non -Compliance.
	3. The offer and all documents enclosed with offer should be in English language only.

DESIGN,MANUFACTURING,SUPPLY ,INSTALLATION & COMMISSIONING OF HYDRAULIC POWER SAW AS PER SPECIFICATION GIVEN BELOW :

S.NO.	DESCRIPTION FOR BHEL REQUIREMENT	SPECIFY /CONFIRM BY VENDOR	OFFERED	DEVIATONS
1	PURPOSE			
1.1	Purpose: Hydraulic power saw machine required for cutting MS angles,pipes,round bars,plates for different use in shop.	VENDOR TO CONFIRM		
2	TECHNICAL SPECIFICATIONS			
2.1	Machine Type - Hydraulic Power Saw Heavy Duty structure	VENDOR TO CONFIRM		
2.2	Cutting material :MS plates,pipes, solid bars	VENDOR TO CONFIRM		
2.3 ✓	Hydraulic feed control	VENDOR TO CONFIRM		
2.4 ✓	Automatic lifting of bow on completion of cutting cycle	VENDOR TO CONFIRM		
2.5 ✓	Stroke per minute ----- 90-120(Min.)	VENDOR TO CONFIRM		
2.6 ✓	Stroke length ---200mm(Min.)	VENDOR TO CONFIRM		
2.7 ✓	Maximum cutting capacity of machine Round : 300mm dia Square Bar : 300mm X 300mm	VENDOR TO CONFIRM		
2.8 ✓	Max. size of material that can be cut at 45° is 180mm	VENDOR TO CONFIRM		
2.9 ✓	Electric motor R.P.M-----1440(Min.)	VENDOR TO CONFIRM		
2.10 ✓	Main Motor Rating --1.5 K.W (Min.)	VENDOR TO CONFIRM		
2.11 ✓	V-Belt driven	VENDOR TO CONFIRM		
2.12	Coolant motor power rating (K.W/H.P)	VENDOR TO SPECIFY		
2.13	Coolant collection tank capacity	VENDOR TO SPECIFY		
2.14	Blade Size	VENDOR TO SPECIFY		
2.15	Machine Make	VENDOR TO SPECIFY		
2.16	Machine Model	VENDOR TO SPECIFY		
2.17	Machine should be supplied with suitable clamp for square and round bar	VENDOR TO CONFIRM		
2.18	Each M/c should be supplied with minimum 02 nos. of cutting blades (without extra cost)	VENDOR TO CONFIRM		
2.19	Maximum electrical load	VENDOR TO SPECIFY		
3	GENERAL			
3.1	Detailed technical literature of offered machine with GA drgs	VENDOR TO SUBMIT		
3.3	Machine shall be dispatched after pre dispatch inspectio at vendor's work in line with specifications.	VENDOR TO CONFIRM		
4	ELECTRICAL SYSTEM			
4.1	415±10%,50Hz±3% 3 phase AC (4 wire system with earthing) / 220±5%,50Hz±3% single phase AC power supply source will be provided by BHEL at single point.	VENDOR TO SPECIFY and CONFIRM		
5	SAFETY ARRANGEMENT			
5.1	The system shall include protection against over current,short circuit. Etc.	VENDOR TO CONFIRM		
6	TRAINING			

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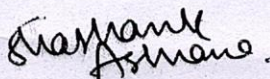
Same Verma.

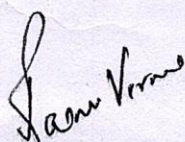
Rajesh Agarwal

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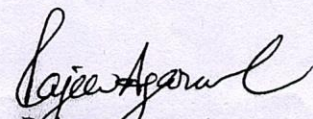
MANUFACTURING, SUPPLY, INSTALLATION & COMMISSIONING OF HYDRAULIC POWER SAW AS PER SPECIFICATION GIVEN

6.1	Training to the BHEL machine operators for min. 2 days after commissioning to be provided by supplier's engineer during their stay at BHEL works.	VENDOR TO CONFIRM		
7	DOCUMENTATION			
7.1	Operating and maintenance manual of machine, including all drgs of mechanical assy, electrical schematics shall be provided -3 nos.	VENDOR TO CONFIRM		
8	ERECTION and COMMISSIONING			
8.1	Vendor to take full responsibility for the erection and commissioning of machine. Electrical power point, water and air supply shall be provided by BHEL. Other requirements like crane, trolley shall also be provided by BHEL in shop. Details of requirements should be informed by the vendor in advance.	VENDOR TO CONFIRM		
8.2	Tools, tackles, instruments and other necessary equipments required for commissioning shall be brought by vendor on returnable basis.	VENDOR TO CONFIRM		
8.3	No manpower shall be provided by BHEL for commissioning, vendor has to make his own arrangements.	VENDOR TO CONFIRM		
8.4	All civil work will be in the inscope of BHEL Jhansi. However drgs for civil foundation, if required for erection and commissioning shall be provided by the vendor within 15 days of issuance of purchase order.	VENDOR TO CONFIRM		
8.5	Vendor shall be responsible for re-painting and touch up of any peeled off area of machine during transit or erection. Supply of matching paint shall be in the scope of vendor for this purpose.	VENDOR TO CONFIRM		
8.6	Successful proving of machine as per specification by the supplier shall be considered as part of commissioning.	VENDOR TO CONFIRM		
9	GUARANTEE			
9.1	24 months from the date of commissioning of machine against any manufacturing defect.	VENDOR TO CONFIRM		
10	QUALIFYING CONDITION			
10.1	Only Those vendors who have supplied and commissioned at least 2 nos. of Hydraulic power saw m/c. in last 5 years (from the date of opening of tender) should quote. The following supporting document are required to meet the qualifying condition.	VENDOR TO CONFIRM		
10.1.1	Purchase order copy as per above to be furnished.	VENDOR TO CONFIRM		
10.1.2	Performance / Commissioning certificate from customer.	VENDOR TO CONFIRM		
11	BHEL reserves the right to verify information submitted by vendor. In case the information is found to be false / incorrect, the offer shall be rejected.	VENDOR TO CONFIRM		


Shashank Asthana
(Manager/LMM)


Raanu Verma
(Mgr./WEX)


B.N. NAIK
(Sr.D.G.M/LMM)


Rajeev Agrawal
(AGM/WEX)