

BHARAT HEAVY ELECTRICAL LIMITED, JHANSI

Specification No	6233
Item No.	MT-1/2/1552
Location	TRM BAY-3
Quantity	ONE NUMBER

NOTE :

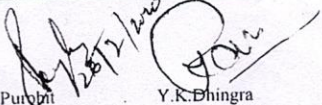
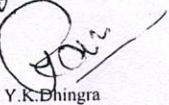
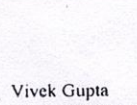
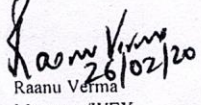
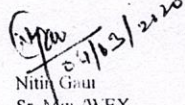
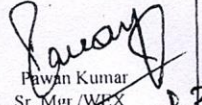
- VENDOR must submit complete information against clause No. 10.0 (Qualifying condition). The offer meeting this clause would only be processed.
- The "offered" Column and where applicable, the "Deviations" Column of this format shall be filled in by the Vendor and submitted along with the offer. Technical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

SCOPE : DESIGN, MANUFACTURING, SUPPLY, INSTALLATION AND COMMISSIONING OF HYD. POWER SAW AS PER SPECIFICATION GIVEN BELOW

S.NO.	DESCRIPTION FOR BHEL REQUIREMENT	SPECIFIED / TO BE CONFIRMED BY	OFFERED	DEVIATIONS
1.0	PURPOSE & WORK PIECE MATERIAL:			
1.1	Hyd. Power saw M/c required for cutting of SS, HTS, MS, Copper bar and its alloy for different use in shop	Vendor to Confirm		
2.0	SPECIFICATION			
2.1	Heavy duty structure	Vendor to Confirm		
2.2	Cutting Material: Steel and its alloy (SS, HTS, MS, Copper alloy) solid bar/hollow tubes	Vendor to Confirm		
2.3	Max. cutting capacity of machine to be cut Round: 300mm Dia. Square: 250mm	Vendor to Confirm		
2.4	Cutting Angle : 90 Degree	Vendor to Confirm		
2.5	Machine Type: Hydraulic Power Saw	Vendor to Confirm		
2.6	Main Motor rating: (K.W./H.P.)	Vendor to Specify		
2.7	Coolant Motor Power Rating (K.W./H.P.)	Vendor to Specify		
2.8	Coolant collection tank capacity	Vendor to Specify		
2.9	Stroke per Minute.	Vendor to Specify		
	Stroke length	Vendor to Specify		
2.11	Variable /Adj. feed rate	Vendor to Confirm		
2.12	Feed rate: Approx. (1-10 mm/min.)	Vendor to Specify		
2.13	Blade size :	Vendor to Specify		
2.14	Automatic centralised lubrication	Vendor to Confirm		
2.15	Automatic lifting of blade after complete operation	Vendor to Confirm		
2.16	Machine Make	Vendor to Specify		
2.17	Machine Model	Vendor to Specify		
2.18	Machine foot area	Vendor to Specify		
2.19	Total Weight of the M/c	Vendor to Specify		
2.20	Machine should be supplied with suitable clamp for square and round bar	Vendor to Confirm		
2.21	Machine should be supplied with Min. 06 No of cutting blade (with out extra cost)	Vendor to Confirm		
2.22	Max. Electrical load :	Vendor to Specify		
3.0	GENERAL			
3.1	Detailed Technical literature of offered machine with G.A drawing	Vendor to Submit		
3.2	List of accessories /consumables/spares to be supplied with machine(with out extra cost), required for the servicing/maintenance of machine during guarantee period of 02 years.	Vendor to Submit		
3.3	Machine shall be dispatched after pre dispatch inspection at vendors works in line with specification.	Vendor to Confirm		
4.0	ELECTRICAL SYSTEM			
4.1	All the electrical components should be L&T/ Siemens / shneider make only	Vendor to Confirm		
4.2	415+/-10%, 50HZ +/-3%, 3 phase AC (4 wire system with earthed)/220+/-05%, 50HZ +/-3%, single phase AC power Supply Source will be provided by BHEL at a single point.	Vendor to Confirm		
4.3	All electrical & electronic control cabinets & panels should be dust and vermin proof.	Vendor to Confirm		
	SAFETY ARRANGEMENTS:			
	The system shall includes protection against over current, short circuit, phase failure protection etc. to avoid damage to the equipment, work piece and the operator due to the malfunctioning or mistakes.	Vendor to Confirm		
6	TRAINING			
	Training to the BHEL machine operators for min. 2 days after commissioning to be provided by the supplier's engineers during their stay at BHEL works.	Vendor to Confirm		
7	DOCUMENTATION			
	Operating and Maintenance manual of the M/c including all drawing of mechanical assy. electrical schematic, shall be provided ---03 No.	Vendor to Confirm		
8	ERECTION & COMMISSIONING			
8.1	Vendor to take full responsibility for the erection and commissioning of machine. Electrical power point, Air supply & Water supply shall be provided by BHEL at only one point to be indicated by supplier. Other requirement like crane, Trolley shall also be provide by BHEL if available at site. Details of the requirements should be informed by VENDOR in advance.	Vendor to Confirm		
8.2	Tools, Tackles, instruments and other necessary equipments, required for commissioning shall be brought by the vender on returnable basis.	Vendor to Confirm		
8.3	No manpower shall be provided by BHEL for the commissioning of machine, Vendor shall make his own arrangement	Vendor to Confirm		
8.4	All civil work will be in the scope of BHEL JHANSI ,However civil /Foundation drawing for E&C will be provided by vendor within 15 days after issue of purchase order	Vendor to Confirm		
8.5	Portion, if any of the system, accessories and other supplied item where paints has rubbed off or peeled during transit or erection should be repainted and merged with the original surrounding paints by the VENDOR for this purpose the VENDOR should supply sufficient quantity of touch -up paint.	Vendor to Confirm		
8.6	Successful proving of M/c as per specification by supplier shall be considered as part of commissioning.	Vendor to Confirm		
9.0	GUARANTEE:			

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S.NO.	DESCRIPTION FOR BHEL REQUIREMENT	SPECIFIED / TO BE CONFIRMED BY	OFFERED	DEVIATIONS
	24 months from the date of commissioning of machine against any manufacturing defect.	Vendor to Confirm		5
10.0	QUALIFYING CONDITION Only those venders, who have supplied and commissioned at least 02 No. Hydraulic power saw M/c in the last five years should quote. P.O.Copy & commissioning report/service report must be submitted with offer for supplied machine. Documentary support pertaining to above points shall be submitted with the offer to justify the claim of qualification.	Vendor to Confirm & Submit		
11.0	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		

 Raghav Purohit Sr. Eng./TRM-Bay 3&5	 Y.K. Dhingra Dy. Mgr./WEX	 Vivek Gupta Manager/WEX	 Raanu Verma Manager /WEX	 Nitin Gaur Sr. Mgr./WEX	 Pawan Kumar Sr. Mgr./WEX
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26/02/20