

HEAVY ENGINEERING CORPORATION LIMITED
(A Government of India Enterprise)
FOUNDRY FORGE PLANT
MATERIALS MANAGEMENT DIVISION
P.O.DHURWA, RANCHI-834 004.
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SCHEDULE TO L-TENDER ENQUIRY NO. PUR/FFP/2009/440016/55/2177 Dated.27.03.2010

Tender opening date-30.04.2010

PLEASE READ CAREFULLY BEFORE YOU QUOTE.

Sl. No.	Description of Stores	Quantity
	Design, Engg, Mfg, Supply erection testing and Commissioning of micro Processor digital Thyristor Convertor Panel with D.C. Motors & Techo – Generator as following specification for H.B. Machine	
01.	D.C. Motor for Head Stock drive	02 Nos
02.	D.C. Motor for Columer drive	02 Nos
03.	Complete Thyristor Convertor Panel having 2 No of Siemens/ABB Make Thyristor Module	04 Nos
04.	Techo – Generator O – 90V for 34 – 3420 rpm (Details of above item enclosed in Annexure – 1)	04 Nos

Annexure - I

(a) D.C. Motor.

Power	:	4.7 KW
Voltage	:	400 V
Speed Range	:	34 – 3420 R.P.M (in Constant torque Zone Only)
Excitation		Seperately exeited Shunt wound 220 VDC
Insulation	:	Class F
Ambient	:	45 ⁰ C
Enclosure	:	IP23/1006
Mounting	:	Front flange mounted
Application	:	Feed drive of WD – 160/WD – 200
Execution	:	Directly coupled with drive gear

(b) D.C. Tacho – Generator

Tacho – Generator with one set love – joy coupling suitable for coupling the tacho to the N.D.E side of D.C. motor.

60V at 1000 R.P.M	
Maximum R.P.M	: 5000
Insulation Class	: B or better
Mounting	: Flange
Protection	: IP 54
Make	: Hubner

- (C) Complete Thyristor Converter panel having two Nos of SIEMENS/ABB make thyristors module with all switch all switch gers and suitable components of (SIEMENS/ABB/SCHNEIDER/BCH/L&T) make only.

THYRISTOR CONVERTER MODULE

Input supply	:	208 – 480 A.C, 3 phase
Input Frequency	:	48 – 62 HZ
Breaking	:	Regenerative
Out put Armature voltage	:	0 – 440 V.D.C
Armature Current	:	25/30 A
Field Current	:	6 Amp
Field weaking	:	in built
Feed Back	:	Tacho, armature & encoder
Make	:	SIEMENS/ABB

- (d) **THYRISTOR CONVERTER PANEL SPECIFICATION.**

System Voltage	:	3 Phase, 415V \pm 10%, 50HZ \pm 3%
Enclosure Protection	:	IP52
Overall dimension	:	1000 (W) X 500 (D) X 2000 (H)
No of components	:	2 (Two)
Door (Front & Rear)	:	2 (High, Lockable)
Control Protection equipment as per IS: 4237	:	as above specified make.
Coil voltage for contactors & relays	:	240V, 50 HZ.
Auxillary Contacts of power Contactors	:	2 NO + 2 NC
Internal wiring	:	Completely wired as per approved Schematic drawings.

The Tender will be invited in two parts:-

- 1) Techno Commercial Bid and 2) Price Bid**

NOTE:

1. Rate should be written in words & figures.
2. The validity of the offer should be minimum 90 days.
3. Please clearly mention regarding Cenvat. If inclusive, please mention clearly the amount of Cenvat to be passed.
4. Please quoted F.O.R. Destination freight Paid.
5. The payment term should be 100% within 60 days of supply of material through Ranchi Cheque.
6. Please mention the Brand/Make and enclose catalogue of the quoted item highlighting the quoted items.
7. We receive quotation by FAX also. Our Fax No. is 0651-2401323.
8. Sale Tax/VAT: Payable extra. Rate of Sale Tax/VAT should be indicated in the quotation.
9. Please indicate your Regn. No. with DGS & D/NSIC/HEC Ltd. if not registered , please send EMD @ 2% of quoted value alongwith quotation, which will be converted to Security deposit in case of successful bidders and returned immediately to unsuccessful bidder. D.D. should be in favour of “Heavy Engineering Corporation Ltd” payable at S.B.I. Hatia. Successful bidders will have to deposit 3% extra in addition to 2% E.M. as security deposit.
10. For vendor registration you should approach our wing Central Purchase/ HMBP HEC Ltd. Ranchi-4 and you can also download vendor registration form from our website www.hecltd.com and send the form with requisite fee to Sr. DGM, Central Purchase/ HMBP, HEC Ltd, Dhurwa, Ranchi-834004.
11. Tender invited in sealed envelope should be clearly superscribed with Enq. No. With date & due date, description of Material & addressed to the undersigned.

(H. L. Baitha)
Manager (Purchase)/FFP
Phone No. 0651-2400429

