

122445/2020/HEP-EMX37510

Annexure-1

1	The Power pack is to be used for converting HMT CNC Lathe machine Tail Stock from mechanical to Hydraulic assisted. The power pack along with 01 Number Double acting Hydraulic cylinder of size 50 x 36 x 500 mm, is to be supplied with hydraulic hoses, Reservoir Pump, Motor, Bell bousing, Propotional valve, pressure line filter, return line filter, Oil Cooler, Relief Valve, Level guage , air brether, temperature guage, manifolds blocks for mounting valves & filters, electrical panel for operating the power pack	Vendor to Confirm
2	The gear pump should have maximum working pressure of 200 bar, Flow 8 LPM or higher	Vendor to Confirm
3	Motor should be of 3 Phase, 440 V, minimum 5 HP	Vendor to Confirm
4	Steel Reservoir/Steel Tank should be of Minimum 100 Litres capacity.	Vendor to Confirm
5	Electrical Panel for operating the power pack is to be provided.	Vendor to Confirm
6	Parties are requested to inspect the machine before quoting.	Vendor to Confirm
7	Grade of oil & quantity to be spicified in Technical bid.	Vendor to Confirm
8	The power pack will be used for driving the hydraulic cylinder of Tail stock of HMT CNC Machine. The speed of operation of the cylinder is variable from 10 mm/sec to 50 mm/sec. Knob for varying the speed of the cylinder is to be seperately installed.	Vendor to Confirm
9	The Contractor has to provide Hydraulic circuit diagram of the power pack for which he has quoted, in the technical bid. The circuit will be approved by BHEL	Vendor to Confirm
10	After Order is placed, BHEL may inspect the Power pack, before despatch at suppliers works.	Vendor to Confirm
11	Makes of Brought out items are as below like Pump, Motor, Hydraulic Cylinder, Propotional valve, pressure line filter, Return Line filter, Oil cooler are to be provided in Technical bid.	Vendor to Confirm
12	Parties have to provide atleast one PO copy for Power pack of capacity 200 bar or higher, during last 7 years.	Vendor to Provide

