



BHARATI HEAVY ELECTRICALS LIMITED
Heavy Power Equipment Plant, Ramachandrapuram,
Hyderabad - 502 032, INDIA.

Phones : _____ E-mail : @bhelhyd.co.in

Date : _____
Due Date : _____
Supplier Qtn. No.: _____
Date : _____

ADDRESS OF THE SUPPLIER :

TELEPHONE NOS.:

FAX NOS.:

TENDER DOCUMENTS TO BE FILLED BY THE SUPPLIER FOR SUPPLY OF
SPECIAL PURPOSE ELECTRO HYDRAULIC POWER PACK Qty: 4 Nos.

S. No.	Description for BHEL Requirement	Offered	Deviations	Remarks
	PURPOSE: The Special purpose Electro Hydraulic power Pack is required for holding the turbine blade profile in position while machining in fixture on horizontal milling machine in 01 Blade Shop. The Special purpose Electro Hydraulic power Pack must be similar to ROEMHELD make power units model No. 8405 - 281 / 8400 - 281 or equivalent, vendor shall submit the offered make & model.			
1.0	Max. Operating Pressure	250 bar		
2.0	Cylinder Type	Switch type Electric control		
3.0	Oil Flow rate	2.1 Ltrs / Min		
4.0	Oil volume of reservoir	5 Ltrs.		
5.0	Single acting with machine tool inter lock(1 Valve)	Push button foot actuated switch switch		
6.0	Motor Power	0.75 Kw		
7.0	Power Supply	230/ 415 v, 50 Hz		
8.0	Hydraulic Connection	G 1/2"		
9.0	Hydraulic Oil	Vendor		
10.0	Weight of Special purpose Electro Hydraulic power Pack	Vendor		
11.0	The Special purpose Electro Hydraulic power pack should be compact in size and it should have the following:			
11.1	Submerged pump and motor assembly. (Detailed catalogue to be submitted along with offer)			
11.2	Hydraulic and electric control terminal box to be arranged on the reservoir cover plate			
11.3	Operator Pendant control shall be provided for clamping and declamping of the blade fixture			
11.4	Suitable pressure gauge and solinoid valve to be mounted on reservoir cover plate.			
11.5	Oil level and Temperature controller on terminal box.			
11.6	Pressure switch for machine tool interlock and 3/2 Directional valve shall be provided.			
12.0	Unit should have provision to operate manual in case of power failure.			

