E-mail: @bhelhyd.co.in

Phones:

TENDER DOCUMENTS TO BE

Date:

SPECIAL PURPOSE ELECTRO HYDRAULIC POWER PACK Qty: Nos.	TO BE TICHED BY THE SUPPLIER FOR SUPPLY OF

ADD	ADDRESS OF THE SUPPLIER:	OF LEECOND HIDRAGEIC FOWER PACK City: # Nos.			
TELE	TELEPHONE NOS.:				
FAX	FAX NOS.:				
SI. No		Description for BHEL Requirement	Offered	Deviations	Donak
	PURPOSE: The Special purpose Elctro Hydraulic power Pack is required for holding the turbine blad position while machining in fixture on horizontal milling machine in 01 Blade Shop.	ower Pack is required for holding the turbine blade profile in ng machine in 01 Blade Shop.		DOMARIO	Remains
	The Special purpose Elctro 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 8 model	nust be similar to ROEMHELD make power units			
1.0	_	250 bar			
2.0	.0 Cylinder Type	Switch type Electric control			
ω	3.0 Oil Flow rate	2.1 Ltrs / Min			
4.0	.0 Oil volume of resrvoir	5 Ltrs.			
5.0	O Single acting with machine tool inter lock(1 Valve)	Push button foot actuated switch switch			
6	6.0 Motor Power	0.75 Kw			
7.	7.0 Power Supply	2907 415 v, 50 Hz			
œ	8.0 Hydraulic Connection	G ¼"			
9.	9.0 Hydraulic Oil	Vendor			
10.0	Weight of Special purpose Elctro Hydraulic power Pack	Vendor			
11.0	The Special purpose Electro Hydraulic power pack s	The Special purpose Electro Hydraulic power pack should be compact in size and it should have the following:			
11.1	1 Submerged pump and motor assembly. (Detailed catalogue to be submitted along with offer)	talogue to be submitted along with offer)			
	11.2 Hydraulic and electric control terminal box to be arranged on the reservoir cover plate	nged on the reservoir cover plate			
=======================================	11.3 Operator Pendent control shall be provided for clamping and declamping of the blade	ing and declamping of the blade fixture.			
11.4	Suitable pressure gauge and solinoid valve to be mounted on reservoir cover plate	unted on reservoir cover plate.			
11	11.5 Oil level and Temperature controller on terminal box.				
11.6	11.6 Pressure switch for machine tool interlock and 3/2 [Directional valve shall be provided.			
12.0	12.0 Unit should have provision to operate manual in case of power failure	of power failure.			

13.0	The Electro Hydraulic power pack shall be fitted with suitable handles for handling the system.
14.0	14.0 Vendor may visit BHEL works before submitting offer to know further technical details, if necessary
15.0	15.0 Two sets of Operation and Maitenance manuals shall be suppllied along with each Special purpose Electro Hydraulic power pack. The manual shall include hydraulic circuit & Electrical circuit drgs. In detail.
16.0	16.0 Commssioning and prove out of the Special purpose Electro Hydraulic power pack in all respects at BHEL works is suppliers responsibility.
17.0	17.0 The Special Pupose Electro Hydraulic power pack shall be guaranted for satisfactory performance for atleast one year from the date of commissioning at BHEL R.C. Puram.
18.0	18.0 Spares required for 2 years normal operation to be submitted item wise list
19.0	19.0 One set of, Necessary Tool kit shall be supplied along with each equipment
20.0	20.0 Custormer reference list shall be submitted for similar items along with offer.
21.0 t	Vendor shall submit offer point by point as per specification in detail in absence of this offer can't be evaluated technically.
22.0	22.0 Delivery Period