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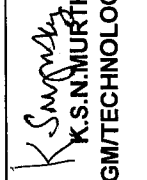
TENDER DOCUMENTS TO BE FILLED BY THE SUPPLIER FOR SUPPLY OF
SPECIAL PURPOSE ELECTRO HYDRAULIC POWER PACK Qty: 4 Nos.

ADDRESS OF THE SUPPLIER :		Offered		Deviations	Remarks
Sl. 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. 8401-221 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	1.5Kw			
7.0	Power Supply	415 v, 50 Hz			
8.0	Hydraulic Connection	G ¼"			
9.0	Hydraulic Oil(recommended HLP 22)	Vendor			
10.0	Weight of Special purpose Electro Hydraulic power Pack	Vendor			
10.1	Body cover of tank	Aluminum			
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	on/ off switch is to 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.				
12.0	Unit should have provision to operate manual in case of power failure.				
13.0	The Electro Hydraulic power pack shall be fitted with suitable handles for handling the system.				
14.0	Vendor may visit BHEL works before submitting offer to know further technical details, if necessary.				
15.0	Two sets of Operation and Maintenance manuals shall be supplied along with each Special purpose Electro Hydraulic power pack. The manual shall include hydraulic circuit & Electrical circuit drgs. In detail.				

16.0	Commissioning and prove out of the Special purpose Electro Hydraulic power pack in all respects at BHEL works is suppliers responsibility.			
17.0	The Special Purpose Electro Hydraulic power pack shall be guaranteed for satisfactory performance for atleast one year from the date of commissioning at BHEL R.C. Puram.			
18.0	Spares required for 2 years normal operation to be submitted item wise list.			
19.0	One set of, Necessary Tool kit shall be supplied along with each equipment.			
20.0	Customer reference list shall be submitted for similar items along with offer.			
21.0	Vendor shall submit offer point by point as per specification in detail in absence of this offer can't be evaluated technically.			
22.0	Delivery Period.			


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S. PRADEEP KUMAR
 Sr. MANAGER / Prodn. - TC


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