



Boiler Auxiliaries Plant,
Bharat Heavy Electricals Limited,
Ranipet - 632406, Tamilnadu, INDIA.

Enquiry No. & Dt.: 2770869E
Due Date : 15/09/2017
Reference :
Date :

Specification cum Compliance Certificate for I / H Beam flange Straightening / War page Removal Hydraulic pressing Machines

Note:-

1. The 'Offered' Column and where applicable, the 'Deviations' & 'Remarks' Column of this format shall be filled in by the Vendor and submitted along with the offer. Inadequate / incomplete, ambiguous or unsustainable information against any of the clauses of the specifications / requirements shall be treated as non-compliance.

2. The offer and all documents enclosed with offer should be in English language only.

Name & Address of the supplier:

Name & Address of the Indian Agent:

Telephone No.

Telephone No.

Fax No.

Fax No.

e-mail :

e-mail :

Scope: Supply, Installation & Commissioning of I / H Beam flange Straightening / War page Removal Hydraulic pressing Machines complying with the following specification

SI No.	DESCRIPTION FOR BHEL REQUIREMENT	VENDOR TO SPECIFY
1	PREQUALIFICATION REQUIREMENT: a) The suppliers shall give a list of at least One PO copies or customers list with contact numbers / email id's to whom similar or higher I / H Beam flange Straightening / War page Removal Hydraulic pressing Machines are supplied. b) The vendor shall be OEM or authorized distributor and the supporting documents need to be submitted.	To be submitted
2	Purpose: (Operations/Jobs involved): I / H Beam flange Straightening / War page Removal by Hydraulic press	Vendor to Confirm
3	I / H Beam flange width minimum 150mm and Maximum 850mm	Vendor to Confirm
4	I / H Beam flange thickness minimum 10mm and Maximum 63mm	Vendor to Confirm
5	I / H Beam web height from 500mm to ~2000mm	Vendor to Confirm
6	Hydraulic press Type: H (column box)	Vendor to Confirm
5.0	500 TON HYDRAULIC POWER PACK	
5.1	Oil Tank Size approx. 0.2Cubicmeter	Vendor to Confirm
5.2	Oil capacity approx. 200litres	Vendor to Confirm
5.3	Motor capacity approx. 10HP	Vendor to Confirm
5.4	Motor mounting type Front flange type	Vendor to Confirm
5.5	Hydraulic power pack in acting Double pump consist:	
	i. Plunger pump	Vendor to specify
	ii. Gear pump	Vendor to specify
	iii. Low pressure Valve	Vendor to specify
	iv. High pressure valve	Vendor to specify
	v. D.C Valve	Vendor to specify
	vi. Pressure valve	Vendor to specify
	vii. Return relief valve	Vendor to specify
5.6	pressure stroke volume :20Litre / minute.	Vendor to specify
5.7	Return stroke volume : 40 Litre/minute.	Vendor to specify
6.0	HYDRAULIC CYLINDER	
6.1	Hydraulic CylinderHeight approx. 500mm	Vendor to Confirm
6.2	Outer Diameter approx, 500mm	Vendor to Confirm
6.3	Cylinder Bore approx. Dia.400mm	Vendor to Confirm
6.4	Piston Dia. To suit Bore Dia.	Vendor to Confirm
6.5	RAM approx. Dia. 300mm	Vendor to Confirm
6.6	Stroke length approx. 180mm	Vendor to Confirm
6.7	Hydraulic cylinder front flange for Mounting purpose	Vendor to specify
6.8	Hydraulic cylinder Rear flange attached for Holding Purpose	Vendor to specify

		Boiler Auxiliaries Plant, Bharat Heavy Electricals Limited, Ranipet - 632406, Tamilnadu, INDIA.		Enquiry No. & Dt.: 2770869E
				Due Date : 15/09/2017
				Reference :
				Date :
7.0	HYDRAULIC FRAME			
7.1	Frame outer size approx. 1700 x 1800mm	Vendor to Confirm		
7.2	Frame size inside press minimum Width 850mm X Height 700mm	Vendor to Confirm		
7.3	Hydraulic press all plate thickness are 50mm (Minimum)	Vendor to Confirm		
7.4	Hydraulic press H column Box approx. 450X500mm	Vendor to Specify		
8.0	ELETRICAL			
8.1	Power supply 415V +/- 100%, 50HZ +/- 3%, 3 phase AC (3 wire system with out neutral) Power supply voltage will be provided by BHEL.	Vendor to note & Confirm		
8.2	All Motors shall confirm to IEC / Indian standards	Vendor to Confirm		
9	The equipment should have all the necessary accessories for normal working condition and it should be installed with all the necessary safety requirements also. It should be part of main equipment cost	Vendor to note & Confirm		
10	All the bought out items (if any) shall be reputed make only	Vendor to note & Confirm		
11	Installation, Commissioning and prove out of the equipment at BHEL, Ranipet works are suppliers responsibility	Vendor to note & Confirm		
12	Estimated commissioning Charges : Terms and condition for E&C Charges should be furnished in detail separately by vendor along with the offer.			
13	A detailed Catalog of the equipment has to be submitted along with the offer	Vendor to submit		
14	03 sets of O&M manuals including all circuit diagrams has to be submitted along with equipment for future maintenance	Vendor to note & Confirm		
15	The equipment shall be Guaranteed for the satisfactory performance for a period of One year from the date of commissioning	Vendor to note & Confirm		
16	Delivery Period 6 -10 weeks from PO date	Vendor to Confirm		
17	Supply details: Only those bidders, who have supplied at least 1 No. of I / H Beam flange Straightening / War page Removal Hydraulic pressing Machines of Similar capacity in the last 3 years (On the Date of Opening of tender), are eligible to quote.			
18	The following information is to be submitted by the vendor about the companies where similar equipments have been supplied. This is required from all the vendors for qualification of their offer.			
	1.Name of the customer/Company where referred equipment is installed.			
	2.Complete postal address of the customer.			
	3.Month & year of commissioning.			
	5.Name and designation of the contact person of the customer.			
	6.Phone no, fax no and email address of the contact person of the customer.			

QUALIFICATION CRITERIA

Warpage removal hydraulic Pressing Machine against Enq 2770869E/240817

Sl. NO	CRITERIA	VENDOR ACCEPTANCE / REMARKS
	Only those bidders, who have supplied at least 1 No. of I / H Beam Warpage removal hydraulic Pressing Machine in India of Similar capacity in the last 3 years (On the Date of Opening of tender), are eligible to quote.	
2	Along with the Offer the following information should be submitted by the vendor about the companies where similar Equipment has been supplied. 1. Name of the customer / company where installed. 2. Complete postal address of the customer. 3. Month & Year of supply 4. Name and designation of the contact person of the customer.	
3	Authorization certificate: Only the original equipment manufacturer Or their authorized Agents / distributors / dealers are eligible to quote. Along with the offer valid authorization certificate from the original equipment manufacturer should be submitted if the offer submitted by an Agent / distributor / dealers.	
4	Catalogue & Drawings: The specification cum compliance certificate given in the annexure for the offered item should be duly filled & submitted along with the relevant catalogue & drawings for bid consideration.	
5	Performance Guarantee: The Performance of the equipment shall be guaranteed for a minimum period of 12 months from the date of Commissioning at BHEL works.	
6	Estimated delivery period: Delivery period for supply as 6 Weeks from the date of P.O	
7	Estimated commissioning Period : commissioning period will be 15 days from Delivery.	
8	Estimated commissioning Charges: Commissioning charges should be furnished in details separately by vendor along with the offer	

NOTES:

1. Bidders shall note & clearly mention their acceptance / remarks for the criteria given above.
2. Duly filled copy of this format to be submitted along with the supporting documents for bid consideration.
3. After satisfactory fulfillment of all the above criteria / requirement, offer shall be considered for further evaluation as per NIT and all other terms of the tender.

Write Up for War page Removal Machine

Enq No. 2770869E/24082017

H & I Beam Flange Straightening / War page removal Machine : Operation "Beam War page machine is used to straighten the H beam flanges deformed due to welding. Straightening flanges of welded H & I beams very easy. The robust construction of the Flange straightening machine guarantees reliable operation, accurate straightening results and a long service life, whilst requiring a minimum of maintenance.

The horizontal design of the machine allows even the largest beams to be handled with ease. The machines operating by a heavy duty & powerful hydraulic. The piece can be supplied with a crane into the straightening machine. This machine has sufficient capacity to straighten higher thickness Flange and can handle larger Beam depth. This machine is of high precision and efficiency and has the features of strong straightening force, large straightening range, high working efficiency and good product quality.

