



BHARAT HEAVY ELECTRICALS LIMITED

Centralised Stamping Unit, Jagdishpur

EOI Ref. no.: CSU/13-14/01

28/09/2013

EXPRESSION OF INTEREST

For

Supply of items as per below details for BHEL's Centralised Stamping Unit (CSU) at Jagdishpur-U.P.

SUBMISSION OF TENDER	TILL 14.30 HRS. 19/10/2013
OPENING OF TECHNO-COMMERCIAL BID	AT 1500 HRS. ON 19/10/2013

1. Expression of Interest (EOI) is invited from interested suppliers for supply of the following items:

Sr. No.	Machine	OEM of Machine	Manufacturer of sub-system of machine/parts	Description of Item	Part No./ Drg. No. (if any)	Qty.
1.	500T Blanking Line (Model: HUQ500.24)	Schuler AG Bahnhofstraße 41 73033 Göppingen Tel.: +49 (0) 71 61 / 66-0 Fax: +49 (0) 71 61 / 66-233 E-Mail: info@schulergroup.com Web: http://www.schulergroup.com/	NSM MAGNETTECHNIK GmbH Postfach / P.O. Box 133 D-59396 OLFEN/Germany	Toothed Belt Endless Length – 21,030 mm	ID – 900.0577.2900.000	05 Nos.
2.	500T Blanking Line (Model: HUQ500.24)	Schuler AG Bahnhofstraße 41 73033 Göppingen Tel.: +49 (0) 71 61 / 66-0 Fax: +49 (0) 71 61 / 66-233 E-Mail: info@schulergroup.com Web: http://www.schulergroup.com/	Universal Hydraulik GmbH, Siemensstr. 33 . D- 61267 Neu- Anspach . Tel: 0 60 81/ 9418 - 0 . Fax 0 60 81/ 96 0220 eMail: info@universalhydraulik.com www.universalhydraulik.com	Heat Exchanger	Type: EKM-736-T- CN-UH OIL- WATER Heat Exchanger – ABZ-10015474	02 Nos.
3.	500T Blanking Line (Model: HUQ500.24)	Schuler AG Bahnhofstraße 41 73033 Göppingen Tel.: +49 (0) 71 61 / 66-0 Fax: +49 (0) 71 61 / 66-233 E-Mail: info@schulergroup.com Web: http://www.schulergroup.com/	NSM MAGNETTECHNIK GmbH Postfach / P.O. Box 133 D-59396 OLFEN/Germany	Spares for Pallet Handling System	As per Sr. No. 1 of Annexure-A	-
4.	500T Blanking Line (Model: HUQ500.24)	Schuler AG Bahnhofstraße 41 73033 Göppingen Tel.: +49 (0) 71 61 / 66-0 Fax: +49 (0) 71 61 / 66-233 E-Mail: info@schulergroup.com	NSM MAGNETTECHNIK GmbH Postfach / P.O. Box 133 D-59396 OLFEN/Germany	Spares for Stacking Unit	As per Sr. No. 2 of Annexure-A	-

		.com Web: http://www.schulergroup.com/				
5.	Tangential Die Grinding Machine (Model: MH300)	I.M.T. International S.P.A. Address: Via D'Ancona, 39, Osimo, Province of Ancona, Italy Phone:+39 071 723341	I.M.T. International S.P.A. Address: Via D'Ancona, 39, Osimo, Province of Ancona, Italy Phone:+39 071 723341	Spares for Tangential Die Grinding Machine (Model: MH300)	As per Sr. No. 3 of Annexure-A	-
6.	Notching Machine	Schuler AG Bahnhofstraße 41 73033 Göppingen Tel.: +49 (0) 71 61 / 66-0 Fax: +49 (0) 71 61 / 66-233 E-Mail: info@schulergroup.com Web: http://www.schulergroup.com/	Walther Flender Gruppe Schwarzer Weg 100-107 40593 Düsseldorf, Germany Tel.: +49 (0) 211/70 07-00 Fax: +49 (0) 211/70 07-227 E-Mail: info@walther-flender-gruppe.de	Pulley Type : 8M-27S-36 Type : 8M-22S-36 Timing Belt Type : 8MGT-1000-36	Drg. No. 714-0386712 Drg. No. 714-02724512 Drg. No. 8MGT-1000-36	5 Nos. 5 Nos. 5 Nos.

2. Address for submission of documents:

Office of the AGM-MM
CSU&FP, Jagdishpur Industrial area
Bharat Heavy Electricals Limited
Distt Sultanpur-U.P.-227817
Tel: +91 5361 271378
Fax: +91 5361 271382
Email: amit@bhelcsufp.in

3. Documents may be downloaded from the web page of BHEL www.bhel.com (Tender Notifications) and use the documents for submission of EOI.
4. General Terms and Conditions and brief technical specifications of the items required are given in the Annexures.
5. Based on the submission of Expression of Interest by the bidders, BHEL will short list the parties for issue of detailed tender specifications for submission of their techno-commercial offer and price bids. Therefore, **detailed techno-commercial offers and prices are not to be submitted at this stage.**
6. The offers are to be submitted in a sealed envelope properly marked.
7. BHEL takes no responsibility for any delay / loss of documents or correspondence sent by courier or post.
8. BHEL reserves the right to accept or reject any of the bids / all bids with or without deviation, or cancel / withdraw the invitation for EOI without assigning any reason whatsoever and in such case no bidder shall have any claim arising out of such action by BHEL.

Enclosures: Annexure-A: General terms and Conditions

For & on behalf of BHEL

(Upender Kumar)
Sr. Engineer- MM
CSU&FP/BHEL, Jagdishpur

GENERAL TERMS AND CONDITIONS

1. SUBMISSION OF OFFER

- a) The EOI shall be addressed to the official as specified in the Notice Inviting EOI and shall be submitted with original on company's letter head.
- b) Sealed Offers may be submitted personally, by Courier or by registered post with due allowance for any transit/postal delay. The offers received after due date and time of opening are liable to be ignored.
- c) The offer shall be in English Language using international numerals. Metric system of units shall be used.
- d) All entries in the Offer shall either be typed or be written in ink. Erasures and overwriting are not permitted and may render such Offers liable to summary rejection. The Bidder shall duly attest all cancellations and insertions.

2. RECEIPT OF OFFERS

- a) The offers shall be received in the office of the official inviting EOI till close of business (2.30 PM) on the last date of submission of EOI mentioned in the Notice Inviting EOI.

3. SHORT LISTING OF BIDDERS

- a) Only those Bidders who have previous experience in the work of the nature and description detailed in the Specifications, who continue to be in business in this field and who are financially sound to undertake the work, are expected to be short listed for this work. **Offer from Bidders who do not have proven and established experience in the field is not likely to be considered.**

4. DETAILED TECHNO-COMMERCIAL OFFER

- a) BHEL will issue a detailed Tender to the short listed bidders at a later date and they will be asked to submit their detailed techno- commercial and price bid. Therefore, **detailed techno-commercial offer and price bid is not to be submitted at this stage.**

5. DELIVERY

- a) The items are required to be supplied FOR BHEL, Jagdishpur.
- b) Bidders are required to indicate the delivery period.

6. INFORMATION TO BE SUBMITTED

The Bidder shall give full information in respect of the following. **Non-submission of this information may lead to rejection of the Offer.**

a) **Details of Company/ Firm:**

Details of the company or the firm, its nature of business etc.

b) **Financial Status:**

Financial status of the company for the last three years (minimum) to show that the company is financially sound. Certified copies of audited accounts for last 3 years shall be submitted for this purpose.

c) **Organisation Details:**d) **Previous Experience:**

- I. A statement giving particulars of the various similar work undertaken and executed.
- II. The following information is to be submitted about the companies where similar work undertaken and executed.
 - i. Name of the customer / company where similar items are supplied.
 - ii. Complete postal address of the customer.
 - iii. Month & Year of commissioning/completion.
 - iv. Name and designation of the contact person of the customer.
 - v. Phone, Fax no. and email address of the contact person of the customer.
- III. BHEL reserves the right to verify the information provided by Vendor. In case the information provided by the vendor is found to be false/ incorrect, the offer is liable to be rejected.

e) **Delivery Schedule**

Proposed delivery schedule.

1. Spares for Pallet Handling System of 500T Blanking Line (Model: HUQ500.24):

S.N.	Description	Drawing No.	SIZE 1 & 2 (mm)	Reqd. Qty. (Nos.)
1	1"x17.02 z=19,dia=55 Sprocket Wheel	900.0577.5100.050	-	6
2	1"x17.02 z=16,dia=48 Sprocket wheel	900.0577.5100.060	-	2
3	1"x17.02 z=16,dia=40 Sprocket wheel	900.0577.5100.070	-	2
4	1"x17.02 z=19,dia=80 Sprocket wheel	900.0577.5100.080	-	6
5	GGF 50 A02SB210 d=50 Flanged Bearing	5020165	-	12
6	6208 2RS DIN625 Grooved ball bearing	6517	-	12
7	1"x17.02mm, 1-f gerade Laschen Roller Chain DIN8187	9933	4500	6
8	1"x17.02mm, 1-f gerade Laschen Roller Chain DIN8188	9933	1320.8	2
9	1-fach DIN8187, 1"x17.02 Gerede ger Lasche Chain Lock	9941	-	8
10	Dia 45/45 t=3/4"x7/16" z=18 Chain Coupling	900.0577.5100.100	-	4
11	K67DT80N4 BMG1/TF KW=0.75 UPM=13 V=400 M1B Bevel Gear Motor	5027846	-	2

2. Spares for Spares for Stacking Unit of 500T Blanking Line (Model: HUQ500.24):

S.NO.	ITEM ID	ITEM DESCRIPTION	Reqd. Qty. (Nos.)
1	180.0255.1100.000	Magnetic system	4
2	5028041	Clutch	2
3	5028052	Ball valve	1
4	5028302	Pressure control switch	1
5	5028305	Accessories	1
6	5028296	valve	1
7	5028019	Guide rail one piece	1
8	5028017	Guide carriage	12
9	5028020	Guide carriage brake van	6
10	5028021	Adapter	12
11	5028034	clutch	1
12	5028035	Clutch	1
13	5028208	Cable length 6.500 mm	1
14	5028202	Accessories	1
15	5028213	Accessories	2
16	180.0250.0100.000	Magnetic system(300x110x80) colour: grounded	6
17	191.0015.0100.000	Magnetic system(300x110x52) colour: grounded	3
18	900.0595.3406.000	limit switch with absorbability	4
19	900.0595.3506.000	stop head	4
20	17222	Light barrier WL18-3P-430-F 09	2

3. Spares for Tangential Die Grinding Machine (Model: MH300):

SL. NO	CODE	ITEM DESCRIPTION	Reqd. Qty. (Nos.)
1.	3.350.055	Tapered Roller	8
2.	3.360.051	Cylindrical Roller	8
3.	4.186.122	Spring	8
4.	4.186.123	Spring	8
5.	7.013.017	CABLE MURRELEKTRONIK 90° LED	4
6.	7.048.016	Proximity Switch Telemec+Connector Xs6-12b1pam12	4
7.	7.303.111	FLOAT SWITCH DROPSA 165570	3
8.	7.280.340	O RING OR 170	2
9.	7.280.480	O RING OR 6162	2
10.	7.280.528	O RING OR 6375	2

11.	7.288.500	SCRAPER RING	2
12.	7.288.600	SCRAPER RING	2
13.	7.289.020	SEAL	4
14.	7.289.026	SEAL	2
15.	7.289.101	SEAL	1
16.	7.425.016	BEARING INA K 81216 TN	2
17.	7.425.758	BEARING INA WS 81216	4
18.	7.438.315	RING NUT SKF KMT 15 M75 X 2	4
19.	7.450.220	BELLEVILLE WASHER 125X64X8	20
20.	4.186.163	BELLEVILLE WASHER	10
21.	4.400.732	Y AXIS BALL SCREW DIAM.50 PITCH 10	1
22.	7.048.259	MICROSWITCH EUCHNER TIP SN 02 D 08 552	2
23.	7.429.015	PILLOW BLOCK UNIT RHP BSPB 040 050 DTHP3	1
24.	7.429.020	PILLOW BLOCK UNIT RHP BSPB 040 050 QUHP3	1
25.	4.400.728	Z AXIS BALL SCREW	1
26.	7.048.257	MICROSWITCH EUCHNER TIP SN 01 R 553	2
27.	7.265.810	CYLINDER FOR WEIGHT COUNTERBALANCE FOR VERTICAL AXIS	2
28.	7.424.238	RING NUT IKEN M35X1.5	1
29.	7.432.190	THRUST BALL BEARINGS SKF FBSA 207/QBC	1
30.	7.433.213	GUIDE SCHNEEBERGER MR 55 D4 2098	2
31.	7.441.553	COUPLING MAYR SMARTFLEX 3/932.333	1
32.	7.428.929	SET OF 2 BEARINGS SNFA SEB90-9CE1-DDM	1
33.	7.428.930	SET OF 3 BEARINGS SNFA SEB 130 9CE3 TDM	1
34.	7.438.610	RING NUT NADELLA LFE 25 M90X2	1
35.	7.438.612	RING NUT NADELLA LFE 27 M100X2	1
36.	7.280.010	SEAL OR 2025	1
37.	7.280.260	O RING OR 3575	1
38.	7.280.264	O RING OR 3825	1
39.	7.280.382	O RING OR 4500	1
40.	7.280.559	O RING OR 6920	1
41.	7.280.602	O RING OR 6995	1
42.	7.287.875	V RING V 120 A	1
43.	7.287.883	V RING V 140 A	1
44.	7.449.073	COMMUTATOR 9SDICOL104400A	1
45.	7.449.095	BALANCER GT ELETTR. 9SDI 190A 060 1	
46.	7.449.004	VIBRATION TRANSDUCER	1
47.	7.015.227	MAGNETIC BAND	4.6 mtr.
48.	7.015.368	CONVERTER COMPLETE WITH HEAD (20 meters CABLE)	1
49.	2.950.123	AIR FILTERING GROUP NORGRN SPI 50140	2
50.	2.950.141	AIR FILTERING GROUP NORGRN SPI 50373 (STI 10 0031	2
51.	7.048.070	SAFETY SWITCH	1
52.	7.048.077	DRIVE ACTUATOR XCS Z01 WITH SAFETY SWITCH	1
53.	7.428.061	BEARING	2
54.	7.429.350	NADELLA GUIDE ROLL TYPE FR 32 EI (CONCENTRIC) 0627.FR 32	2
55.	7.429.351	Nadella Guide Roller TYPE FRR 32 EI (ECCENTRIC) 0627.FRR 32	2
56.	7.274.048	CARTRIDGE MP MF400 2A P10 NB FOR FILTER MPF400 2AG1 P10NB/T	1
57.	7.069.035	ALOGEN REFLECTOR 200W 230V	1
58.	7.069.175	LAMP 24V 50W IP65 with 1,8 m cable	1
59.	7.012.067	BOARD VICKERS	1
60.	7.047.101	SAFETY RELAIS XPSAT 5110 (24VDC)	1
61.	7.047.102	SAFETY RELAY TELEMEC.XPS-AC5121 24V AC/DC SAFETY RELE 24V AC/DC	1
62.	7.047.143	RELAY 24VDC RUMC3AB2BD SCHNEIDER	1
63.	7.047.207	CONTACTOR SCHNEIDER (7,5 KW)	1
64.	7.047.211	CONTACTOR SCHNEIDER (22 KW)	1
65.	7.047.500	POWER BASE	1
66.	7.047.512	CONTROL UNIT	1
67.	7.111.906	TERMINAL SENSOR WEIDMULLER MRS24Vdc	10