

**BHARAT HEAVY ELECTRICALS LIMITED**

(A Government of India Undertaking)
HEAVY PLATES AND VESSELS PLANT
PURCHASE DEPARTMENT
VISAKHAPATNAM - 530012
ANDHRA PRADESH(INDIA)

Contact Ph No :08916681285
Fax :
Email :bpr@bhel.in
Web : hpvp.bhel.in

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Enquiry No (Coll-No) H181900022	Enquiry Date 06.08.2019	Due Date for Quotation 14.08.2019
Please quote Enquiry No, Date and due date in all correspondences. This is only a request for quotation and not an order. Bid should be submitted in two parts. 1.Techno-commercial bid (Part-I) and 2.Price bid(Part-II) in a separate sealed cover and both covers must be placed in a third cover and sealed. Our Enquiry No., Enq. date & Enq. Due date must be written on all three covers.		

Item	Description	Unit	Quantity	Delivery Quantity	Delivery Date
10	37.5 DEG CHAMFERING TOOL-WEST COAST M/C T410201001 HSS(IS:1570 T75 W18 Co6 Cr4), 37.5 DEG CHAMFERING TOOL AS PER ITEM NO.1 OF DRAWING NO. T4-410201-001. MATERIAL TEST CERTIFICATE AND HARDNESS TEST CERTIFICATE ARE REQUIRED ALONGWITH CONSIGNMENT.	NO	100.000	100.00	14.10.19
20	PTEXP IDR65.1-67.1 IND64.5 EXPD69 R47-62 T460012TEX Plain Tube Expanders for tube dia 76.1X4.5 Tk with 22% plus tolerance on thickness (ID range 65.1-67.1). Minimum expander entry dia 64.5mm and maximum expansion dia 69mm.Total Expansion length max 62mm min 47mm. Thrust collar shall be capable of receiving 15 mm projected tube.Roller Length should be capable of 62 mm expansion.	NO	4.000	4.00	14.10.19
30	PTEXP IDR43.2-44.6 IND42.5 EXPD47 R47-63 T460013TEX Plain Tube Expanders for tube dia 51X3.2 Tk with 22% plus tolerance on thickness (ID range 43.2-44.6).Minimum expander entry dia 42.5mm and maximum expansion dia 47mm.Total Expansion length max	NO	5.000	5.00	14.10.19

The offers should reach us before 14:00 hrs on the due date of opening of the tender. The offers will be opened after 15:00 hrs on the due date of tender in the presence of tenderers who have submitted their offer and who may like to be present for the tender opening. Late and delayed offers are liable to be rejected.

Yours faithfully,
For **BHARAT HEAVY ELECTRICALS LIMITED**

B. Prakasa Rao
Manager (MP-Misc)

Heavy Electricals Ltd.
HPVP, Visakhapatnam

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	62mm, min 47mm. Thrust collar shall be capable of receiving 15 mm projected tube. Roller Length should be capable of 62 mm expansion.				
40	PTEXP IDR40.7-42.3 IND40 EXPD45 R47-64 T460014TEX Plain Tube Expanders of swaged end tube dia 51(ID range 40.7-42.3). Minimum expander entry dia 40mm and max expansion dia 45 mm. Total Expansion length max 62 mm, min 47 mm. Thrust collar shall be capable of receiving 15 mm projected tube. Roller Length should be capable of 62mm expansion.	NO	4.000	4.00	14.10.19
50	FTEXP MIND65-FLRA15D-FLR9/% THNG 8-10 T460015TEX Flaring Tube Expanders for min entry dia 65 mm with flaring angle 15 degree per side / min 9mm flaring length from drum. (After expansion of tube dia 76.1 x 4.5 to 8 - 10 % thinning and Tube ID range of 65.1-67.1mm).	NO	4.000	4.00	14.10.19
60	FTEXP MIND43-FLRA15D-FLR9/% THNG 8-10 T460016TEX Flaring Tube Expanders for min entry dia 43 mm with flaring angle 15 degree per side / min 9mm flaring length from drum. (After expansion of tube dia 51X3.2TK to 8 - 10 % thinning and Tube ID range of 43.2-44.6mm).	NO	3.000	3.00	14.10.19
70	FTEXP MIND40.5-FLRA15D-FLR9/% THNG 8-10	NO	2.000	2.00	14.10.19

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	T460017TEX Flaring Tube Expanders for min entry dia 40.5 mm with flaring angle 15 degree per side / min 9mm flaring length from drum. (After expansion of swaged end tube dia 51mm to 8-10% thinning and swaged end ID range of 40.7- 42.3 mm).				
80	PTEX IDR40.7-44.9 IND40 EXPD47 R47-62 T460018TEX Plain tube expanders for swaged end tube dia 51(ID range 40.7-44.9).Minimum expander entry dia 40 mm and max expansion dia 47 mm.Expansion length max 62 mm , min 47 mm.Thrust collar shall be capable of receiving 15 mm projected tube.Roller Length should be capable of 62mm expansion.	NO	5.000	5.00	14.10.19
90	PTEX IDR53.2-54.8 IND52.5 EXPD57 R47-62 T460019TEX Plain tube expanders for swaged end tube dia 63.5(ID range 53.2-54.8).Minimum expander entry dia 52.5 mm and max expansion dia 57 mm.Expansion length max 62 mm , min 47 mm. Thrust collar shall be capable of receiving 15 mm projected tube. Roller Length should be capable of 62mm expansion.	NO	2.000	2.00	14.10.19
100	FTEXP MIND40.5-FLRA15D-FLR9/% THNG 8-10 T460020TEX Flaring tube expander for min entry dia 40.5 mm with flaring angle 15degree per side / min 9mm flaring length from drum. (After expansion of	NO	3.000	3.00	14.10.19

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	swaged end tube dia 51 to 8-10% thinning and swaged end ID range of 40.7-44.9 mm).				
110	FTEXP MIND53-FLRA15D-FLR9/% THNG 8-10 T460021TEX Flaring tube expander for min entry dia 53 mm with flaring angle 15 degree per side / min 9mm flaring length from drum.(After expansion of swaged end tube dia 63.5 to 8 - 10% thinning and swaged end ID range of 53.2-54.8 mm).	NO	2.000	2.00	14.10.19

General Note:

1. Procurement of Tube Exp. & Chamf. Tools
2. Enquiry item NO. 10 (Sl. No.1) will be evaluated on Lowest price basis
3. Enquiry Items 20-110 (Sl. No. 2 to 11) will be evaluated on overall basis as these items need to be procured from single vendor.
4. NO QAP is applicable however vendor need to submit MTC, Hardness test certificate & Dimensional certificate.

Enclosures:

1. Commerical Terms & Conditions
2. NIT Terms & Conditions
3. Drgs
4. TDC
5. MSME Certificate

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