



An ISO 9001
Company

Bharat Heavy Electricals Limited

(High Pressure Boiler Plant)

Tiruchirappalli – 620014, TAMIL NADU, INDIA

CAPITAL EQUIPMENT / MATERIALS MANAGEMENT

ENQUIRY	Phone: +91 431 257 7421/ 7297 Email : vkarna@bhel.in , hari.r@bhel.in Web : www.bhel.com
NOTICE INVITING TENDER	

TWO PART BID	Enquiry Number:	Enquiry Date:	Due date for submission of quotation:
Tender to be submitted in two Parts	2631900046	18.10.2019	11.11.2019

You are requested to quote the Enquiry number date and due date in all your correspondence. This is only a request for quotation and not an order.

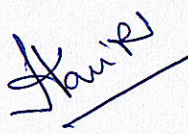
Please note that under any circumstances both delayed offer and late offers will not be considered. Hence vendors are requested to ensure that the offer is reaching physically our office before 14:00 hrs on the Date of tender opening.

Item	Description	Quantity
10	Hydraulic Hose Crimping Tool as per the technical specification & commercial conditions applicable (to be downloaded from web site www.bhel.com or https://eprocure.gov.in/epublish/app)	1 No.

Important points to be taken care during submission of offer

1. Delivery terms shall be FOR BHEL Stores, Thirumayam.
2. Compliance Form MM/ CE/ TMM/ IND/ 08 to be filled and enclosed along with the offer failing which, the offer will not be considered for evaluation.
3. Delivery period required is 2 months from the date of Purchase Order.
4. Erection and commissioning activities shall be done by the supplier, at BHEL, Thirumayam works.
5. Time period required for Erection and Commissioning activities shall be 1 week from the date of intimation by BHEL
6. All updates, amendments, corrigenda, etc., (if any), for each tender will be posted only on the above websites from time to time, as and when required, until each tender is opened. There will be no publication of such updates, amendments, corrigenda, etc., through newspapers or any other media.

BHEL's General guidelines / instructions (refer MM/CE/GENL/001- No EMD), compliance form and technical specification can be downloaded from BHEL web site <http://www.bhel.com> or from <https://eprocure.gov.in/epublish/app> under Enquiry reference "2631900046".

Tenders should reach us before 14:00 hours on the due date Tenders will be opened at 14:30 hours on the due date Tenders would be opened in presence of the tenderers who have submitted their offers and who may like to be present	Yours faithfully, For BHARAT HEAVY ELECTRICALS LIMITED  Engineer / MM/ Capital Equipment BHEL, TRICHY 620 014
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PART - A**QUALIFYING CRITERIA FOR HYDRAULIC HOSE CRIMPING MACHINE**

Sl. No.	Description for BHEL Requirement	Bidder's Offer
1	Only those vendors , who have supplied and commissioned at least TWO numbers of HYDRAULIC HOSE CRIMPING MACHINE similar to equipment specified under Part B, in the past THREE years (as on original date of opening of Tender) and is presently working satisfactorily for more than one year after commissioning (as on original date of opening of Tender) should quote. Vendor to attach the proof of Purchase order along with the offer.	
2	Vendor has to submit at least ONE PERFORMANCE CERTIFICATE for satisfactory performance of HYDRAULIC HOSE CRIMPING MACHINE as referred under clause 1 above, for a minimum period of one year from the date of commissioning (as on the original date of tender opening) from their customers. Performance certificate as Original Certificate or E-mail directly from the customer may be submitted. The original certificate may be returned after verification by BHEL, if required. For obtaining the Performance certificate, a suggestive format is provided on page-2.	
3	The BIDDER / VENDOR to furnish Reference List of Customers, with complete address, details of contact person, where HOSE CRIMPING MACHINE has been supplied in the past three years.	
4	Specify details of HOSE CRIMPING MACHINE supplied to other units of BHEL, if any (Year of commissioning with details etc.)	
5	Service after sales centres to be available in India. Details on Service-After-Sales set-up to be furnished.	

Note:

BHEL reserves the right to verify the information provided by the bidder. In case the information provided by bidder is found to be false/ incorrect, the offer will be rejected.

Suggestive Format of Performance Certificate:

The performance certificate should be produced **on Customer's Letter Head.**

PERFORMANCE CERTIFICATE

1 Supplier of the Hose crimping machine

2 Make & Model of the Hose crimping machine

3 Month & Year of Commissioning

4 Performance of the Hose crimping machine Satisfactory / Not Satisfactory
(Strike off whichever is not applicable)

5 After sales service Satisfactory / Not Satisfactory
(Strike off whichever is not applicable)

6 Any Other remarks

Date:

Signature & Seal of the Authority
Issuing the Performance Certificate



PART B
TECHNICAL SPECIFICATION FOR HYDRAULIC HOSE CRIMPING MACHINE, Qty: 01
No.

Sl. No.	Description for BHEL Requirement	BHEL Parameters	Offered Parameters / Confirmation	Bidder's Offer (with technical details)
1	Brief Description			
1.1	Purpose: For crimping all varieties (SAE100R1 to SAE100R13) of Hydraulic Hose of size range ¼" to 2".		bidder to note	
2	Specifications			
2.01	Hose size range to be crimped	¼" to 2" hydraulic hose	bidder to specify	
2.02	Type	Hydraulically operated; Horizontal bench type	bidder to confirm	
2.03	Maximum crimping force		bidder to specify	
2.04	Maximum pressure	Vendor to specify (Not exceeding 315 bar)	bidder to specify	
2.05	Hydraulic pump output (flow)		bidder to specify	
2.06	Motor power in hp		bidder to specify	
2.07	Control type	Double acting solenoid valve type (24 volts supply)	bidder to confirm	
2.08	Maximum opening of master die		bidder to specify	
2.09	Length of master die		bidder to specify	
2.10	Pressure gauge	Glycerin filled Pressure gauge to be fixed on the panel to view the working pressure of the equipment	bidder to confirm	
2.11	Total machine dimension		bidder to specify	
2.12	Total machine weight		bidder to specify	
2.13	Die sets for various hose sizes.	Minimum 10 die sets to crimp all sizes of hoses between ¼" to 2".	bidder to confirm	
3	GENERAL:			
3.1	Catalogue with full technical details of the offered model should be sent along with the offer. The catalogue should contain the pictorial view of the offered model also.		bidder to confirm	
3.2	Details like rating, specification, make of electric and mechanical bought-out items shall be listed in the offer		bidder to confirm	
3.3	O & M manuals: 2 copies of the detailed Operation and Maintenance manual and safety instructions in English to be provided along with the equipment.		bidder to confirm	

PART B
TECHNICAL SPECIFICATION FOR HYDRAULIC HOSE CRIMPING MACHINE, Qty: 01
No.

4	Spares		
4.1	Complete Seal kit for the piston and cylinder arrangement in the equipment- 2 sets	bidder to confirm	
5	Pre dispatch Inspection:		
5.1	The equipment shall be offered for inspection prior to dispatch at vendors works. 1 Set of documentation (in English) shall be offered during inspection.	bidder to confirm	
6	Commissioning & Training		
6.1	Supplier shall be responsible for carrying out the commissioning of the Hydraulic Hose Crimping Machine. Supplier should demonstrate/ prove all the functions of the performance at BHEL works. Vendor should come with one sample of 1" hydraulic fitting and suitable bare hose for prove out of the machine at BHEL.	bidder to confirm	
7	Guarantee		
7.1	Equipment has to be guaranteed for its performance, for a minimum of 12 months from the date of commissioning or 18 months from the date of supply whichever is earlier.	bidder to confirm	