



Bharat Heavy Electricals Limited

(High Pressure Boiler Plant)

Tiruchirappalli – 620014, TAMIL NADU, INDIA

CAPITAL EQUIPMENT / MATERIALS MANAGEMENT

An ISO 9001
Company

ENQUIRY	Phone: +91 431 257 7653	Email : <skaruna@bheltry.co.in>
	Fax : +91 431 252 0031	Web : www.bhel.com

TWO PART BID TENDER TO BE SUBMITTED IN TWO PARTS.	Enquiry No: 2631400022	Enquiry Date: 14-08-2014	Due date for submission of quotation: 19.09.2014
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You are requested to quote the Enquiry number date and due date in all your correspondences. This is only a request for quotation and not an order. Please note that under any circumstances, both delayed offer and late offer will not be considered. Hence vendors are requested to ensure that the offer is reaching physically at our office before 14.00 hours of the date of tender opening.

Sl.No	Description of Equipment	Qty
10	WATER MIST FIRE FIGHTING SYSTEM	2 Nos

IMPORTANT POINTS TO BE TAKEN CARE DURING SUBMISSION OF OFFER:

- 1). The above requirement should be as per **BHEL SPECIFICATION ONLY**. Vendor should confirm point by point with official signature and seal on the Specification without fail in token of acceptance of the same. (**PART-A and PART-B** attached)
- 2). DELIVERY :- **6 MONTHS**
- 3). DELIVERY TERMS: FOR/BHEL/HPBP, TIRUCHIRAPPALLI – 1 No.
FOR/PPPU/THIRUMAYAM/PUDUKOTTAI DISTRICT - 1 NO.
- 4). COMMERCIAL CHECK LIST NO: **BND/IMP/02** -- for foreign vendors and **BND/IND/02A** – for Indigenous Vendors -- Attached. Vendor should fill - up with official signature and seal and send the same along with technical offer.
- 5) Earnest Money Deposit (EMD) for this tender will be **Rs. 60,000/-**
- 6) Subsequent to the hosting of this Enquiry, any corrigendum to the Enquiry that may be hosted in the BHEL Web-site as well as Government Tenders-portal shall be viewed by the vendors regularly to know the details of corrigendum. In case if any vendor without seeing the corrigendum quoted as per original enquiry and intimate that they have wrongly quoted will not be considered and rejected. However, as per the appropriate policy of BHEL, action will be taken in this regard.


ENCLOSURES:-

- 1) Enquiry Sheet – 2631400022 – 2 pages
- 2) BHEL Scope and specification – PART A and PART-B attached – 5 pages. [
- 3) CHECK LIST NO: **BND/IMP/02** -- for foreign vendors and
BND/IND/02A – for Indigenous Vendors Attached.
- 4) GUIDELINES&INSTRUCTIONS TO BIDDERS FOR SUBMITTING OFFER VIDE. No. MM/CE/GT/001-EMD

The above documents can be downloaded from BHEL web site <http://www.bhel.com> or from the Government tender website <http://tenders.gov.in> (public sector units > Bharat Heavy Electricals Limited page) under Enquiry reference "

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 **BARAT HEAVY ELECTRICALS LIMITED**


Administrative Officer/MM/CE

S. MUDIAPPAN
Administrative Officer
MM / Capital Equipment
BHEL, TRICHY - 620 014.



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ENQUIRY No. 2631400022 Dated 14.8.2014

.. Page No.2

Special Instructions:

- 1) The bidders shall submit the offer in TWO INNER ENVELOPES as indicated below which shall be sealed in one outer envelope.
- 2) ENVELOPE-I This sealed envelope should contain all the copies of technical bid together with un-priced commercial bid. This envelope should be clearly marked "PART-I" Technical and commercial bid indicating Enquiry no. /date and address & Ref. of the bidder.
- 3) ENVELOPE-II This sealed envelope should contain price details. This envelope should be clearly marked PART-II PRICE BID indicating Enquiry no. /date and address & Ref. of the bidder
- 4) Both the envelopes part I and II shall be put in one cover, duly sealed superscribing as PART I and II of Enquiry No. --- due date of the tender opening --- and the address and ref. of the bidder. The above offer should reach this office on or before the due date by 14.00 hours (IST) Late offers will not be considered.
- 5) Delivery terms: FOR/BHEL/TIRUCHY. Hence Vendor should quote FOR price inclusive of P&F, Freight, transit insurance etc.
- 6) The vendor should clearly mention both in technical as well as price bid the applicable taxes and duties (viz., ED/CST/VAT etc). Please note, we will not give any C-Form (or) VAT declaration form.
- 7) The vendor should confirm the delivery mentioned in the enquiry or indicate the earliest delivery in the technical offer.
- 8) Point by Point confirmation required for BHEL specification along with technical offer by countersigned & officially sealed in token of acceptance of BHEL's specification.
- 9) Vendor should send catalogue of the equipment, if any.
- 10) BHEL's COMMERCIAL TERMS & CONDITIONS - CHECK LIST No: BND/IMP/02 -- for foreign vendors and BND/IND/02A – for Indigenous Vendors attached. Vendor should send the filled up form with official signature and seal along with technical offer in token of acceptance.
- 11) Installation, commissioning & demonstration at BHEL/ Tiruchirappalli and vendor should indicate the E&C charges in %age (**Minimum of 5% of Basic price**) and also indicate the applicable % age of Service Charges in the price bid as well as unpriced commercial bid clearly
- 12) **WITH REFERENCE TO ABOVE IT MAY PLEASE BE NOTED THAT "THE OFFERS FROM AUTHORISED DEALER / DISTRIBUTOR / AGENT WILL BE ACCEPTED ONLY IF THE DEALER / DISTRIBUTOR / AGENT SUBMITS VALID AUTHORISATION LETTER ISSUED BY THE ORIGINAL MANUFACTURER ALONG WITH TECHNICAL OFFER**

PART - A

PARTICULARS FOR VENDOR ASSESSMENT

The BIDDER / VENDOR has to necessarily provide the following details, for making an assessment of the firm's capability and competency:

[The BIDDER is expected to give complete details against each clause in the table given below and wherever necessary an additional sheet may be attached (giving clear reference number) to cover the required details]

Sl. No.	PARTICULARS	VENDOR'S RESPONSE
1.0	Number of Years of Experience of the BIDDER/ VENDOR in the field of supplying Water mist Fire Fighting system for Industrial Fire Fighting activities.	
2.0	Number of such Water Mist Fire Fighting System supplied & commissioned till date. Model numbers, ranges of supplied equipments (customer wise) shall be mentioned.	
3.0	Year of launch of the Model quoted against this Enquiry	
4.0	Are there any other models launched after the quoted Models. Otherwise, indicate the likely year in which the next model is likely to be launched	
5.0	Details of Design Set-Up / Codes and Standards used. Facilities for Services and international traceability details for services.	
6.0	Details on International standards followed in verification of equipment. Details regarding periodic services and sources / tie-ups for such re-services like AMC, with lead time for services.	
7.0	Details on functional / performance Testing of the Equipment and all accessories quoted. Gathered data from users on the equipment performance. References from renowned customers in India especially in Tamil Nadu shall be added for similar models.	

8.0	Details of testing aspects of equipment.	
9.0	Any additional data to supplement the manufacturing capability of the BIDDER.	
10.0	Is the Vendor, a consultant for any leading industry especially in India with regard to Installation, commissioning and maintaining Water mist Fire Fighting System. If so, please provide particulars.	

QUALIFYING CRITERIA FOR THE SUPPLY OF WATER MIST FIRE FIGHTING SYSTEM

The BIDDER / VENDOR has to compulsorily meet the following requirements to get qualified for submitting an offer for the impact tester.

Sl. No.	REQUIREMENTS	VENDOR'S CONFIRMATION
1.0	The BIDDER / VENDOR shall have a minimum FOUR Years of Continuous Experience in the Supply of Water Mist Fire Fighting System.	
2.0	The BIDDER / VENDOR shall have supplied at least 4 numbers of Water Mist Fire Fighting System (minimum 100 Ltrs. water tank capacity) in the past.	
3.0	The vendor shall have 'in-house' or 'self-owned' or 'tied-up' facility for MANUFACTURE and TESTING of Water Mist Fire Fighting System. Dealers /Distributors offering shall have to submit the valid authorization from the OEM	
4.0	Reference List of Customers and Performance Certificates from CUSTOMERS (minimum 2 different customers) with full contact details of CONTACT PERSON.	
5.0	Vendor shall co-ordinate for the visit of Technical Committee of BHEL, if required, to the any works/plant of the vendor's customer against a notice period of 10 Days.	

PART - B

TECHNICAL SPECIFICATION OF WATER MIST FIRE FIGHTING SYSTEM

Sl no	Parameters	BHEL-Specification	Vendor's Confirmation with specific details wherever necessary
1	Dimension of frame	Vender to specify	
	Weight	Approx.160 Kg (Without water)	
2	Pump discharge capacity & Pressure	Min 25 Liters/minutes & Pressure 100-120 Bar.	
3	Water tank capacity & Location	Minimum 100 Liters mounted on the frame	
4	Engine	Suitable Engine for running the above pump at rated parameters	
5	Fuel	Petrol	
6	Fuel Tank capacity	Appx. 5.5 Ltrs. (to meet minimum 60 minutes Continuous running as per the above discharge rate)	
7	High pressure hose	Flame resistant hose not less than 60 m and should be rolled in the frame	
8	Hose rewind	Manual	
9	House Coupling type	Quick release type.	
10	Hose Handle	Convenient for handling and directing on to the Fire	
11	Ambient Temperature	45° C	
13	Type of start & stop	Electric starter with Ignition switch, starter button and card pull start for emergency start. Emergency stop switch / PB	

14	Battery with Battery charger	Maintenance free Battery with Suitable A.C battery charger with over charging protection circuit to charge the ignition battery ,as well as suitable Battery charge indicator	
15	Pressure gauge	Suitable to measure the flow parameters	
16	Frame	Stainless steel trolley type frame with carrying handles and castor wheels	
17	Operation	Through a Reduction gearbox	
18	Pressure regulation	Automatic valve regulator to maintain desired levels	
19	Water Inlet	Standard coupling for external water supply with a valve	
20	Pump classification	High pressure plunger pump	
21	Tools	Necessary tools to be provided along with the equipment	
22	Nozzle Gun	At least 5 different water jet configurations for adjustable flow rates with handle to hold the gun	
23	Jet selection	High-pressure ball valve with locking lever to select the type of jet	
24	Nozzle Head	One central fog nozzle and peripheral very fine nozzles	
25	Types of Fog	5 spray pattern / Infinite spray pattern	
	OPTIONAL: 1. Charges for Periodical Maintenance support for Three/Five years including consumable after the guarantee period to be quoted separately. 2. Vendor to quote with BOM for the recommended spares for 2 yrs operation maintenance.		

GENERAL INSTRUCTIONS

The Vendor has to comply with the following, for accepting the Technical Offer for scrutiny by the Purchaser:

Sl.No.	REQUIREMENTS	VENDOR's COMPLIANCE
1.0	The Vendor shall submit the offer in TWO PARTS - Technical & Commercial and Price Bid. The Technical Offer shall be in line with the BHEL's Technical Specifications.	
2.0	The Technical Offer shall contain a point-to-point confirmations of Technical Specifications given by BHEL	
3.0	A just 'CONFIRMED' or 'COMPLIED' or 'YES' or 'NO-DEVIATION' or similar words against unspecified parameters /requirements under Technical Specification of the Tender, may lead to disqualification of the Technical Offer. Specific values against such parameters shall be filled in and details wherever required.	
4.0	The Technical Offer shall be supported by Product three sets of Catalogue, drawings, manuals and Data Sheets in ORIGINAL (soft + hard copies).	
5.0	The Technical Bid shall contain the Un-Priced Bid for commercial evaluation purposes.	