




Bharat Heavy Electricals Limited

(High Pressure Boiler Plant)

Tiruchirappalli – 620014, TAMIL NADU, INDIA

CAPITAL EQUIPMENT / MATERIALS MANAGEMENT

An ISO 9001
Company

ENQUIRY -- NOTICE INVITING TENDER		Phone: +91 431 257 7049 Fax : +91 431 252 0719 Email : <skaruna@bheltry.co.in> Web : www.bhel.com
TWO PART BID TENDER TO BE SUBMITTED IN TWO PARTS.	ENQUIRY NO:	Enquiry Date
	2631200024	22-02-2012
		Due date for submission of quotation: 27-03-2012
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.		
Item	Description of Equipment	quantity
10	WATER MIST FIRE FIGHTING SYSTEM (AS PER BHEL SPECIFICATION) (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	2 NOS
IMPORTANT POINTS TO BE TAKEN CARE DURING SUBMISSION OF OFFER:		
<ol style="list-style-type: none"> 1) DELIVERY :- ON OR BEFORE 31-07-2012 2) DELIVERY TERMS : 1 NO REQUIRED FOR BHEL/HPBP UNIT, TIRUCHIRAPPALLI-14, TAMILNADU 1 NO REQUIRED FOR BHEL/PPP UNIT/THIRUMAYAM/ PUDUKOTTAI DISTRICT. 3) CHECK LIST TO BE FILLED AND ATTACHED ALONG WITH YOUR TECHNICAL OFFER FAILING WHICH, THE OFFER IS LIABLE FOR REJECTION A) CHECK LIST FOR IMPORT VENDORS & B) CHECK LIST FOR INDIGENOUS VENDORS ATTACHED 4) GUARANTEE FOR THE ITEM TO BE GIVEN FOR 18 MONTHS FROM THE DATE OF SUPPLY (OR) 12 MONTHS FROM THE DATE OF COMMISSIONING WHICHEVER IS EARLIER. 5) BHEL SPECIFICATION ANNEXURE-I- AND QUALIFYING CRITERIA ANNEXURE—II ATTACHED-VENDOR SHOULD CONFIRM POINT BY POINT CONFIRMATION ALONG WITH TECHNICAL OFFER. 6) VENDOR SHOULD CLEARLY MENTION BOTH IN TECHNICAL AS WELL AS PRICE BID THE APPLICABLE %AGE OF TAXES / DUTIES. (PLEASE NOTE, WE WILL NOT ISSUE ANY VAT DECLARATION FORM/C FORM) 7) MODEL UNPRICED BID FORMAT (TO BE SUBMITTED ALONG WITH TECHNICAL OFFER) 8) IN CASE OF DEALER / DISTRIBUTOR, THEY SHOULD SUBMIT VALID AUTHORISATION LETTER ISSUED BY THE ORIGINAL MANUFACTURER ALONG WITH TECHNICAL BID. 9) ALL UPDATES, AMENDMENTS, CORRIGENDA ETC (IF ANY) FOR EACH TENDER WILL BE POSTED ONLY ON THE ABOVE WEBSITES ONLY FROM TIME TO TIME AS AND WHEN REQUIRED, UNTIL TENDER IS OPENED. 		
ENCLOSURES:-		
<ol style="list-style-type: none"> 1) CHECK LIST FOR IMPORT VENDORS -- Document No: MM/CE/CL/LC/IMP/002 2) CHECK LIST FOR INDIGENOUS VENDORS -- Document No: MM/CE/CL/NLC/IND/003 3) BHEL SPECIFICATION – ANNEXURE-I 4) QUALIFYING CRITERIA – ANNEXURE—II 5) MODEL PRICE BID FORMAT 6) GENERAL GUIDELINES & INSTRUCTIONS TO BIDDERS FOR SUBMITTING OFFER (MM/CE/GT/001) 		
BHEL commercial terms & conditions with Price Bid and Bank Guarantee formats along with technical specifications 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 BHARAT HEAVY ELECTRICALS LIMITED  Manager / Capital Equipment / MM

S. KARUNANIDHY
Manager
MM / Capital Equipment
BHEL. TRICHY-620 014



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SPECIFICATION OF THE WATER MIST FIRE FIGHTING SYSTEM --- ANNEXURE -- I

Dimension of Frame: 1052mm x 608mm x 560mm

Weight: Approx.150 Kg without water

Pump discharge capacity: 25Litre/min.,120 bar,6KW

Water Tank capacity: 100 Litres top mounted

Engine: 18HP Petrol driven engine

Fuel: Unleaded 92 octane

Fuel Tank Capacity: Approx.5.5Ltrs

High Pressure Hose: Flame resistant hose 60m reel integral with the frame

Hose Rewind : Manual

Hose Coupling: Quick release

Hose Handle: Convenient for handling and directing on to the fire.

Ambient Temperature: 45°C

Type of Start: Electric starter with ignition switch, starter button and card pull start for emergency start.

Charge indication : Battery charge indicator

Battery Charger: Suitable A.C battery charger with over charging protection circuit to charge the ignition battery-separate-will be provided locally

Pressure Gauge: to measure the flow parameters

Frame: Stainless steel trolley type frame with carrying handles & castor wheels

Operation: Through a reduction gear box



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Pressure Regulation: Automatic valve regulator to maintain desired levels.

Water Inlet: Standard Universal C Coupling for external water supply with a valve

Pump Classification : High pressure plunger pump

Tools: tools set provided along with the equipment

Nozzle Gun: 5 different water jet configurations for adjustable flow rates with handle to hold the gun

Jet Selection: High pressure ball valve with locking lever to select the type of jet.

Nozzle Head: One Central fog nozzle and Peripheral very fine nozzles

Types of Fog: 5 spray pattern

-Very Fine water fog

-combination of very fine water fog and broad central jet of fog

-Combination of very fine water fog and

-central jet of fog

-Full jet

Annexure-II

QUALIFYING CRITERIA FOR THE SUPPLY OF WATERMIST FIRE FIGHTING SYSTEM

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]

S. 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 and the least counts of supplied equipment 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	Number of Water mist Fire Fighting system supplied & commissioned till date in the quoted Models.	
6.0	Number of Water mist Fire Fighting system supplied & commissioned till date for the different applications / customers.	
7.0	Details of Design Set-Up / Codes and Standards used. Facilities for Services and international traceability details for services.	
8.0	Details on International standards followed in verification of equipment. Details regarding periodic services and sources / tie-ups for such re services including the proposed cost of services and lead time for service.	

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S. No.	PARTICULARS	VENDOR's RESPONSE
9.0	Details on functional / performance Testing of the Equipment and all accessories quoted. Gathered data from users on the equipment performance. Sample references (minimum 2) from renowned customers in India especially in Tamilnadu shall be added for similar models.	
10.0	Details on manufacturing and testing aspects of equipment.	
11.0	Any Additional Data to supplement the manufacturing capability of the BIDDER.	
12.0	Are the supplier/Vendor/manufacturer is consultant with any leading industries especially in India regard to Install, commissioned and maintain 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.

S. No.	REQUIREMENTS	VENDOR's COMMENTS
13.0	The BIDDER / VENDOR shall have a minimum of FIVE Years of Continuous Experience in the Supply of Water mist Fire Fighting system . Kindly indicate the actual experience.	
14.0	The BIDDER / VENDOR shall have supplied at least 5 numbers of Water mist Fire Fighting system (100 Lts Capacity) in the last 5 years . Kindly confirm and indicate the number of equipments (quoted model) sold in 2006/11 in India.	
15.0	The bidding FIRM should have 'in-house' or 'self-owned' or 'tied-up' facility for MANUFACTURE and TESTING of Water mist Fire Fighting system.	
16.0	Reference List of Customers and Performance Certificates from CUSTOMERS (minimum 2 Customers) with full contact details of CONTACT PERSON.	
17.0	In case of short listing by the Purchaser in the process of vendor assessment, the BIDDER / VENDOR has to co-ordinate for the visit of Assessing Team, to the WORKS of the BIDDER / VENDOR with a notice period of 10 Days.	

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

S.No.	REQUIREMENTS	VENDOR'S COMPLIANCE
18.0	The BIDDER / 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.	
19.0	The Technical Offer shall contain a comparative statement of Technical Specifications given by BHEL and the Offer Details submitted by the Bidder, against each clause of the specifications.	
20.0	A just 'CONFIRMED' or 'COMPLIES' or 'YES' or 'NO-DEVIATION' or similar words in the technical comparative statement may lead to disqualification of the Technical Offer.	
21.0	The Technical Offer shall be supported by Product Catalogue, drawings, manuals and Data Sheets in ORIGINAL (soft +hard copies).	
22.0	The Commercial Offer (given with the Technical Offer) shall contain the Scope of Supply and the Un-Priced Part of the Price-Bid for confirmation.	

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