

# BHARAT HEAVY ELECTRICALS LIMITED

(A Govt.of India Undertaking)

High Pressure Boiler Plant, Tiruchirappalli 620 014, India

**MAINTENANCE & SERVICES DEPARTMENT**

☎: (0431) 2575263 Fax: (0431) 2576805 e-mail:[gtraj@bheltry.co.in](mailto:gtraj@bheltry.co.in)



ISO 9001

ENQ No: 9241600165

17.10.2016

## NOTICE INVITING TENDER

Sub: **SCRAPPING AND BLUE MATCHING OF MACHINE SLIDES– Reg.**

Ref: Enquiry no: 9241600165 Dated: 17/10/2016. Due date: 09/11/2016, 14.00 Hrs.

Tender of the following work should be submitted in a sealed cover consisting of three inner sealed covers such as 1) EMD cover, 2) Technical bid cover & 3) Price bid cover, all superscribing the name of work, enquiry number etc.

- 1) EMD cover shall contain requisite **EMD of Rs.8,876/-** remitted in cash (as permissible under Income Tax Act)/Electronic Fund Transfer credited in BHEL account before tender opening or Banker's cheque/Pay order/Demand Draft in favour of M/S BHEL Trichy. Tender without EMD will be summarily rejected and the Technical bid & price bid shall not be considered.
- 2) Technical bid cover shall contain duly filled in Technical bid document signed by the tenderer in all the pages with documentary evidences for pre-qualification such as experience, value of work executed in the similar nature of work etc. Any bid without proper documentary evidence for pre-qualification shall not be considered for further evaluation.
- 3) One set of unpriced bid of Contract Work Schedule duly signed by the tenderer for accepting the work content (BOM) should be submitted along with the Technical bid for technical evaluation.
- 4) The price bid cover shall contain price bid document duly filled in and signed by the tenderer in all the pages. The tenderer has to quote most competitive rates for all the items given in the Bill of Quantities in price bid.

The complete Technical bid and price bid along with requisite **EMD of Rs.8,876/-** shall reach the office of the undersigned on or before 09/11/2016 at 14.00 Hrs.

MSE suppliers can avail EMD Waiver benefits only if they submit along with the offer, attested copies of either EM II Certificate having deemed validity (five years from the date of issue of acknowledgement in EM II) or valid NSIC certificate or EM II Certificate along with attested copy of a CA Certificate (Format Enclosed). Tenders without EMD/MSME proof as detailed above will be summarily rejected.

Sign & Seal of Contractor

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The Technical bid will be opened on the same day at 14.30 hrs. In case of opening day falls on holiday or happened to be declared as a holiday the receipt and opening of the tender shall automatically fall on the same timing of the next working day. Date and time of opening of the Price Bid shall be intimated only to the bidders those who have qualified after evaluation of the Technical bid. You / Your authorized representative may participate in the tender opening.

Clarification if any can be obtained from the undersigned.

Kindly acknowledge the receipt of the entire set of tender document.

Thanking you,

Yours faithfully,

For Bharat Heavy Electricals Limited,

Sr. Manager

Contracts

Maintenance & Services Dept

Encl:

- 1) NIT – Notice Inviting tender (Consists of Preamble, Technical Bid & price bid)

Tender should be addressed to: **THE SENIOR MANAGER,**

**MAINTENANCE & SERVICES / CONTRACTS,**

**2&4 BUILDING, BHARAT HEAVY ELECTRICALS LIMITED,**

**HIGH PRESSURE BOILER PLANT,**

**TIRUCHIRAPPALLI - 620014,**

**TAMILNADU**

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## NOTICE INVITING TENDER

01.	Name of work	<b>SCRAPPING AND BLUE MATCHING OF MACHINE SLIDES.</b>
02.	Earnest Money Deposit	Rs.8,876/-
03.	Duration of the contract	ONE YEAR (From the date of commencement of the work)
04.	Last Date for Receipt of Tender	14.00 Hrs on 09/11/2016
05.	Date of Technical Bid Opening	14.30 Hrs on 09/11/2016
05.	Date of Price Bid Opening	Will be intimated to those who are Qualified separately.
07.	Guarantee Period	Not applicable

The Tender documents can be down loaded from BHEL website ([www.bhel.com](http://www.bhel.com)) / govt. website ([www.tenders.gov.in](http://www.tenders.gov.in)) at free of cost.

Tender document contains 07 Pages (Technical Bid – 06 Pages, Schedule for price bid – 01 page).

ISSUING OFFICER

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## TECHNICAL BID

NAME OF THE WORK: **SCRAPPING AND BLUE MATCHING OF MACHINE SLIDES.**

Enquiry no: 9241600165 Dated: 17/10/2016. Due date: 09/11/2016, 14.00 Hrs.

### PRE-QUALIFICATION CRITERIA

The following eligibility criteria shall be complied to fulfill the Technical bid:-

Sl. No	Description	Vendor to confirm
1	Only those BIDDER/SERVICE PROVIDER, who have minimum one year experience in executing Scrapping Work / Fabrication in any engineering industry in the last five years (from the date of opening of tender) are eligible to participate in the tender. Documentary proofs/Xerox copies of the POs providing the same are to be enclosed. Otherwise offer is liable for rejection. Bidder to confirm.	
2	Name and contact details like E-mail, Phone number, Fax no, etc. of the customer / company where the maintenance contract is executed. Bidder to confirm	
3	BHEL may verify the information provided by vendor. In case the information provided by vendor is found to be false / incorrect, the offer shall be rejected. Bidder to confirm.	
4	PAN Number (Copy to be Enclosed)	
5	Service tax Registration Number (If applicable) – Certificate copy to be enclosed	
6	Acceptance for Scope of Work as per the Enquiry	
7	Acceptance for All Terms & Conditions as per the Enquiry	

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## SCOPE OF WORK:

### 1. SCRAPPING AND MATCHING OF MACHINE SLIDES

Sl.	SCOPE OF WORK	QTY
A1	<b>SCRAPPING AND MATCHING OF MACHINE SLIDE:</b> Scrapping And Blue Matching Of Machine Slide Ways.	35000 CM2
A2	<b>DIRECT SCRAPPING ON DOVETAIL:</b> Direct Scrapping and blue matching on Dovetail.	25000 CM2
A3	<b>FIXING &amp; SCRAPPING OF TURCITE ON FLAT:</b> Fixing & scrapping and blue matching of Turcite on Flat.	9000 CM2
A4	<b>FIXING &amp; SCRAPPING OF TURCITE ON DOVETAIL:</b> Fixing & scrapping and blue matching of Turcite on Dovetail.	6000 CM2
A5	<b>FIXING &amp; SCRAPPING OF HYLAM ON FLAT SURFACE:</b> Fixing & scrapping and blue matching of Hylam on Flat surface.	5000 CM2
A6	<b>FIXING &amp; SCRAPPING OF HYLAM ON DOVETAIL:</b> Fixing, Scrapping and blue matching of Hylam built up on dovetail slides in the face plate and machine sliding beds.	6000 CM2
	<p><b>Scope of work For all the six items (10 to 60):</b></p> <ol style="list-style-type: none"><li>1. Scrapping and matching to be done for the machine tools for smooth sliding of matching components without play.</li><li>2. Fixing, Scrapping and blue matching of items. All the blue matching to be done to satisfy 80% area of contact.</li><li>3. All the tools required for scrapping and blue matching are the scope of the contractor. Blue paste required for blue matching is also scope of the contractor.</li><li>4. Dismantling and assembling of Scrapping components at final stage in the machine will be carried out by BHEL. However, the contractor has to lift, place, position, obtain the matching and level of the matching components. Lifting assistance with crane will be arranged by BHEL. The assembly of mating components for checking the blue matching to be done by the vendor.</li><li>5. Wherever turcite or hylam sheets to be pasted before scrapping, the same to be done by vendor. After fixing Hylam / Turcite the surfaces are to be hand scrapped and blue matched to obtain the level. All the necessary surface preparation including removal of old turcite / hylam to be done by the vendor. All the required materials like turcite / hylam /Brass Screws/Araldite for the same will be provided by BHEL free of cost.</li><li>6. Scrapping and matching area of male and female part will be calculated separately for payment purpose.</li></ol> <p><b>BHEL SCOPE:</b></p> <ol style="list-style-type: none"><li>1. Compressed air, power, water, crane assistance etc., will be arranged by BHEL at free of cost.</li><li>2. Any major machining required for leveling the work before scrapping will be arranged by BHEL at free of cost as per the request of the contractor. However this has to be justified with the area maintenance executive.</li></ol> <p><b>CONTRACTORS SCOPE:</b></p> <ol style="list-style-type: none"><li>1. Only skilled scrapper should be engaged for scrapping work.</li><li>2. After finishing scrapping work the area around the machine to be cleaned properly.</li></ol>	

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## **GENERAL TERMS AND CONDITIONS FOR M&S MECHANICAL CONTRACTS**

- 1) The workmen of contractor should be covered under PF/ESI, etc as per labour laws.
- 2) Safety precautions have to be ensured by the Contractor Depending on the work nature. Necessary work permit system and personal protective equipments (PPE) such as electrical resistance rubber gloves, helmet, spectacle goggles, safety shoes, safety belt etc. as applicable to Mechanical works should be adhered while carrying out the work.
- 3) PPES for appropriate trade job has to be ensured by the contractor at the job site at all times.
- 4) The contractors may visit the area to assess the quantum of work before quoting.
- 5) The contractor should mention the point to point confirmation.
- 6) Contractor should commit for Terms and Conditions of the enquiry otherwise the offer shall be liable for rejection.
- 7) **TWO PART BID SYSTEM:** Contractor should send their offer for two part bid system as below
- 8) Documents submitted with the offer shall be signed and stamped in each page by authorized representative of the bidder.
- 9) Contractor must get acquaintance with quantum of day to day work by visiting BHEL Trichy premises before quoting.
- 10) The contractor should quote the exact time required to complete the work in their offer.

### **TENDERING CONDITIONS:**

- a) The Bidders shall submit the offer in TWO PART BID SYSTEM (Part -I & II) along with EMD as indicated below which shall be sealed in ONE OUTER ENVELOPE.
- b) 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., Due Date and Address & Reference of the Bidder. Envelope I should contain sealed EMD cover indicating the enquiry detail.
- c) Envelope II - This sealed envelope should contain price details. This envelope should be clearly marked as - "Part -II Price bid", indicating Enquiry No., Due Date and Address & Reference of the Bidder.
- d) Envelope III - This sealed envelope should contain requisite **EMD**. This envelope should be clearly marked as - "EMD COVER", indicating Enquiry No., Due Date and Address & Reference of the Bidder.
- e) All the three envelopes shall be put in one cover, duly sealed, super scribing as offer for Enquiry No., and due date of opening, Name of the work and the address and reference of the Bidder.
- f) The offer should reach this office on or before the due date by 14.00 Hrs. (IST). Late offers will not be considered.

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g) Tender should not be addressed to any Individual's name but only by designation to:

THE SENIOR MANAGER  
MAINTENANCE & SERVICES / CONTRACTS,  
2&4 BUILDING,  
BHARAT HEAVY ELECTRICALS LIMITED,  
HIGH PRESSURE BOILER PLANT,  
TIRUCHIRAPALLI - 620 014.  
TAMIL NADU, INDIA.

h) Tenders should be free from CORRECTION AND ERASURES, Corrections if any, must be attested. All amounts shall be indicated both in words as well as in figures. Where there is difference between amount quoted in words and figures, amount quoted in words shall prevail.

i) Offers should be in ENGLISH and accompanied by detailed Point to point confirmation of the scope of work.

## **OPENING OF TENDERS:**

- The Part I - Technical & un-priced commercial bid and EMD Cover alone would be opened on the Tender opening date(as mentioned in the enquiry) by 14.30Hrs(IST)
- The Part II - Price bid of technically suitable Bidders alone would be opened. The Technically suitable Bidders would be informed about the Price bid opening date.
- Clarifications if any required by BHEL for Technical evaluation would be sought from Bidders before opening of Part II - price bid.

## **SERVICE TAX:**

- 1) A copy of Service tax remittance challan for previous quarter should be submitted along with offer if the contractor is claiming service tax.
- 2) If Contractor is exempted from service tax then a declaration that they are within the threshold limit should be submitted along with the offer.

## **LD CLAUSE :**

If the contractor fails to complete the work as per terms & conditions of the order within the delivery schedule, 0.5% of the order value will be deducted for each week of delay or part thereof subject to a maximum of 10% of the total contract value.

**IMPORTANT NOTE: IF THE CONTRACTOR PERFORMANCE NOT ABLE TO FULFILL AS PER ENQUIRY REQUIREMENT, THEN THE CONTRACT SHALL BE SHORT CLOSED AT ANY TIME.**

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## **COMMERCIAL TERMS AND CONDCTIONS FOR M&S MECHANICAL CONTRACTS**

- 1) 100% payment will be made after completion of work on pro-rata basis on acceptance of BHEL Engineer.
- 2) Attendance register should be maintained.
- 3) EMD is to be submitted and is to be remitted in cash (as permissible under Income Tax Act)/Electronic Fund Transfer credited in BHEL account before tender opening or Banker's cheque/Pay order/Demand Draft in favour of M/S BHEL Trichy along with offer. **Offers without EMD shall be liable for rejection.**
- 4) Security Deposit shall be furnished by the successful vendor to the total contract value before starting the work. The total amount of Security Deposit will be 5% of the contract value. EMD of the successful tenderer shall be converted and adjusted towards the required amount of Security Deposit.
- 5) An additional payment as per circular ref. BHE/HR/W/EW/08.04.2014 is to be paid to the contract workmen as below, over and above the minimum wages prescribed by the government of Tamilnadu:

Unskilled	-	Rs.3200/-
Semiskilled	-	Rs.3700/-
Skilled	-	Rs.4100/-
- 6) Bonus @ 8.33 % to workmen to be paid.
- 7) **Rate should be quoted as per price bid format.**
- 8) Taxes if any will be mentioned separately in the offer.
- 9) The rate that is offered should be comprehensive and no separate charges will be made towards expenses like travel, boarding and lodging.
- 10) The contractor should quote the validity of the offer.
- 11) If two or more vendors offer the same rate, negotiation will be conducted separately.

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## Certificate by Chartered Accountant on Letter Head

This is to certify that M/s. \_\_\_\_\_ (hereinafter referred to as 'company') having its registered office at \_\_\_\_\_ is registered under MSMED Act 2006, (Entrepreneur Memorandum No (Part II)) \_\_\_\_\_ dt. \_\_\_\_\_, Category: (Micro/Small). (Copy enclosed).

Further verified from the Books of Accounts that the investment of the company as per the latest audited financial year \_\_\_\_\_ as per MSMED Act 2006 is as follows:

**1. For Manufacturing Enterprises:** Investment in plant and machinery (i.e. original cost excluding land and building and the items specified by the Ministry of Small Scale Industries vide its notification No. S.O.1722(E) dated October 5, 2006):

₹ \_\_\_\_\_ Lacs

**2. For Service Enterprises:** Investment in equipment (original cost excluding land and building and furniture, fittings and other items not directly related to the service rendered or as may be notified under the MSMED Act 2006):

₹ \_\_\_\_\_ Lacs

**(Strike off whichever is not applicable)**

The above investment of ₹ \_\_\_\_\_ Lacs is within permissible limit of ₹ \_\_\_\_\_ Lacs for \_\_\_\_\_ Micro / Small (Strike off which is not applicable) Category under MSMED Act 2006.

Or

The company has been graduated from its original category (Micro/Small) (Strike off which is not applicable) and the date of graduation of such enterprise from its original category is ..... (dd/mm/yyyy) which is within the period of 3 years from the date of graduation of such enterprise from its original category as notified vide S.O. No. 3322(E) dated 01.11.2013 published in the gazette notification dated 04.11.2013 by Ministry of MSME.

Date:

(Signature)

Name:

Membership number:

Seal of Chartered Accountant

## SCHEDULE FOR PRICE BID

SUB: **SCRAPPING AND BLUE MATCHING OF MACHINE SLIDES.**

REF: 9241600165 Dated: 17/10/2016. Due date: 09/11/2016, 14.00 Hrs.

### 1) **SCRAPPING AND BLUE MATCHING OF MACHINE SLIDES.**

Sl. No	Description	Qty	UOM	Rate	Value
A1	SCRAPPING AND BLUE MATCHING OF MACHINE SLIDES	35000	CM2		
A2	DIRECT SCRAPPING ON DOVETAIL	25000	CM2		
A3	FIXING & SCRAPPING OF TURCITE ON FLAT	9000	CM2		
A4	FIXING & SCRAPPING OF TURCITE ON DOVETAIL	6000	CM2		
A5	FIXING & SCRAPPING OF HYLAM ON FLAT SURFACE	5000	CM2		
A6	FIXING & SCRAPPING OF HYLAM ON DOVETAIL	5000	CM2		
<b>TOTAL VALUE</b>					

**(\*) Cumulative L1 will be considered for above all (For item's (A1 to A6)).**

❖ **Taxes if any should be quoted extra**

- 1) Payment terms: Payment will be made after completion of work on pro rata basis on submission of invoice in triplicate duly certified by Engineer In Charge.
- 2) Tax deduction will be made from the every bill at the prevailing rate as per the Government rule and regulation from time to time.
- 3) Detailed scope of work and other terms and conditions are specified in the Technical Bid of the Tender.

Sign & Seal of Contractor