

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



ENQ No: 9241600018

26.02.2016

NOTICE INVITING TENDER

Sub: **FABRICATION OF TEMPLE CAR AXLES & WHEELS – Reg.**

Ref: Enquiry no: 9241600018 Dated 26/02/2016. Due date: 25/03/2016, 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 in the form of DD. Tenderers who had already remitted one time EMD should furnish a copy of the cash receipt of the remittance in the EMD cover. Tender without EMD / one time EMD reference 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.20,000 /-** for this work in the form of **Demand Draft only in favour of M/s.BHEL, Trichy** shall reach the office of the undersigned on or before 25/03/2016 at 14.00 Hrs. Tenderers who had already remitted one time EMD should furnish a copy of the cash receipt of the remittance in the EMD cover. EMD in any other form will not be accepted.

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

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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	FABRICATION OF TEMPLE CAR AXLES & WHEELS
02.	Earnest Money Deposit	Rs. 20,000/-
03.	Duration of the contract	1 Year (From the date of commencement of the work)
04.	Last Date for Receipt of Tender	14.00 Hrs on 25/03/2016
05.	Date of Technical Bid Opening	14.30 Hrs on 25/03/2016
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) / govt. website (www.tenders.gov.in) at free of cost.

Tender document contains 9 Pages(Technical Bid – 8 Pages, Schedule for price bid – 1 page).

ISSUING OFFICER

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TECHNICAL BID

Sub: **FABRICATION OF TEMPLE CAR AXLES & WHEELS– Reg.**

Ref: Enquiry no: 9241600018 Dated 26/02/2016. Due date: 25/03/2016, 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 Fabrication Work in any engineering industry in the last five years (from the date of opening of tender) are eligible to participate in the tender. Work Order copies proving 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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ISO 9001

SCOPE OF WORK:

Sl.no	Description	QTY
1	<p>The Fabrication of Temple car Axle are to be carried out for Sizes from Wheel Dia.1250 mm to 1500mm as per the drawings.</p> <p>1.Axle for Wheel Dia.1250 mm - 3-M-21A43-14624 2.Axle for Wheel Dia.1350 mm - 3-M-21A43-14153 3.Axle for Wheel Dia.1500 mm - 3-M-21A43-14454</p> <p>1) The above Drawings are indicative, and the actual drawings will be given at the time of fabrication. 2) The sizes other than the above and between 1250 mm to 1500mm shall also be fabricated as per the drawings given at the time of fabrication. 3) The machining of End collers is of BHEL scope, however the fabrication of end collers are of contractor's scope. 4) The Machining component like Stub Axles will be supplied free of cost by BHEL.</p>	50000 KG
2	<p>The Fabrication of Temple car Axle are to be carried out for Sizes from Wheel Dia.1630 mm to 2700mm as per the drawings.</p> <p>1. Axle for Wheel Dia.1630 mm - 2-M-21A43-05181 2. Axle for Wheel Dia.1800 mm - 2-M-21A43-05213 3. Axle for Wheel Dia.2000 mm - 3-M-21A43-13840 4. Axle for Wheel Dia.2200 mm - 3-M-21A43-14827</p> <p>1) The above Drawings are indicative, and the actual drawings will be given at the time of fabrication. 2) The other drawings related to the Wheel Dia.1630 mm to 2700mm is also fabricated. 3) The machining of End collers is of BHEL scope, however the fabrication of end collers are of contractor's scope. 4) The Machining component like Stub Axles will be supplied free of cost by BHEL.</p>	40000 KG
3	<p>FABRICATION OF TEMPLE CAR FRONT WHEEL - ϕ1630 mm to ϕ2700mm.</p> <p>The Fabrication of Temple car Front Wheels are to be carried out for following Standard Sizes as per the drawings against each size.</p> <p>1.Dia.1630 mm- 3M21A4310722 2.Dia.1800 mm- 3M21A4313396 3.Dia.2000 mm- 2M21A4304605 4.Dia.2200 mm- 2M21A4304039 5.Dia.2500 mm- 2M21A4304819</p> <p>1) The sizes other than the above and between ϕ1630 mm to ϕ2700mm shall also be fabricated as per the drawings given at the time of fabrication. 2) The contractor has to roll the tubes required for the fabrication manually for wheel ϕ 2000mm to ϕ2700mm. For other sizes i.e., Dia 1630mm to 1800mm BHEL will roll the tubes by the rolling M/c at facility which can roll up to 1800mm. 3) The machining of Hub is of BHEL scope, however the fabrication of hubs are the contractor's scope. 4) The Hubs will be supplied by BHEL at free of cost.</p>	40000 KG

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Scope of work for Sl.No 10 to 30

- 1) Fabrication shall be carried out at Facility Shop inside the factory premises of BHEL.
- 2) Pug cutting Machine shall be used for side plate edge preparation as per the drawing.
- 3) Pug cutting machine is to be arranged by the contractor.
- 4) All fit up and sub - assemblies are to be offered to BHEL supervisor for clearing the stage inspection.
- 5) The Contractor should offer for final inspection to BHEL supervisor after completion of the fabrication.
- 6) Two coats of red oxide paint to be applied on the finished jobs after final inspection.
- 7) The weight of fabrication per year is tentative, however the payment will be made for actual fabrication weight.
- 8) The Contractor may refer the drawings available in the Facility department.

CONTRACTOR'S SCOPE:

- 1) Required number of Three Phase Welding Machine with current adjustment to suit to weld all size of the Electrode - E 7018 is to be arranged by the contractor.
- 2) Necessary hand tools required for fabrications are to be arranged by the contractor.
- 3) Only experienced welders & fitters are to be engaged.
- 4) All scrap and debris generated during the works to be moved to the collection point by the contractor.

BHEL SCOPE:

- 1) Required raw materials in available sizes will be supplied free of cost by BHEL.
- 2) The consumables like welding electrodes, gas, paint, Grinding Wheels, and electrical power will be supplied free of cost by BHEL.
- 3) Necessary lifting assistance for heavier items will be provided by BHEL on request by the contractor at free of cost, however the contractor has move small items/materials by hand trolley available at facility shop.

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General Terms and Conditions

- 1) The contractor should bring contract labour to BHEL premises at his/her own cost, risk and execute the work allotted to him in BHEL premises.
- 2) The contractor should follow and comply with Minimum wages, ESI, PF, Bonus, Group Insurance and other statutory regulations as stipulated in Factories Act and other applicable State/Central Governments' rules and regulations.
- 3) Attendance register should be maintained by the contractor.
- 4) All safety equipments to the workmen, safety rules & regulations are to be followed as per BHEL's Safety Rules and Regulations.
- 5) BHEL will no way be responsible for any loss of life or any injury caused to any of the contractors or their crew while executing the above work at BHEL premises.
- 6) The contractor or his/her crew should handle the machinery and other equipment's entrusted to them by BHEL with utmost care and return them safely after execution of stipulated work. The cost of damage, repair due to improper handling of machinery and equipment will be recovered from the contractor.
- 7) Contractor shall supervise the work carried out by his/her employees.
- 8) Contractor shall ensure that the employees deployed in the premises of BHEL are physically and mentally fit and do not have any criminal record. Such employees should possess requisite skill, proficiency, qualification, experience etc.
- 9) Contractor shall maintain appropriate records of his/her employees deployed to carry out the job(s).
- 10) Contractor will be responsible for the good conduct of his/her employees. In case of any misconduct/misbehavior by any employee, the contractor will replace such employee(s) immediately.
- 11) Contractor will ensure that the job is executed through his/her employees on and under no circumstances, the contractor will not deploy any casual employee to carry out the job nor shall subcontract the job without prior written permission.
- 12) Contractor shall be solely responsible for non-payment, delayed payment of minimum contributions under EPF & MP Act, ESI Act, Bonus, etc.

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- 13) The liability for any compensation on account of injury sustained by an employee of the contractor will be exclusively that of the contractor.
- 14) BHEL reserves the right to cancel and terminate the contract at any time without assigning any reason.
- 15) The contractor should maintain a 'Work Diary containing the details of work executed by him from time to time on Shift/Daily basis and obtain the signature from official concerned nominated for this/her purpose for having executed the work correctly and satisfactorily.
- 16) The bill should be submitted within a week after execution of work during the calendar month @one bill per month.
- 17) BHEL -Trichy reserve the right of awarding the contract to more than one contractor.
- 18) For any clarification the vendor may contact facility engineering before submitting their offer.
- 19) The contractor should quote the rate per KG.
- 20) 100% payment will be made after completion of work on pro-rata basis on acceptance of BHEL Engineer.
- 21) Period of contract is one year from the date of commencement of work.
- 22) L1 Vendor will be finalized based on Individual Item basis.**

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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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.

TENDERING CONDITIONS:

- a) The Bidders shall submit the offer in TWO PART BID SYSTEM (Part -I & II) 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) Both the envelopes (Part I & II) 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.
- e) 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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f) 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.

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

OPENING OF TENDERS:

- a) The Part I - Technical & un-priced commercial bid alone would be opened on the Tender opening date(as mentioned in the enquiry) by 14.30Hrs(IST)
- b) 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.
- c) Clarifications if any required by BHEL for Technical evaluation would be sought from Bidders before opening of Part II - price bid.
- 9) The contractor should quote the exact time required to complete the work in their offer.
- 10) BHEL reserves the right to reject any or all the tenders either in full or a part thereof at their discretion without assigning any reasons thereof.
- 11) The contractor may visit BHEL to assess the quantum of work before submitting their offer.

12) 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.

13) 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.

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COMMERCIAL TERMS AND CONDITIONS FOR M&S MECHANICAL CONTRACTS

- 1) 100% payment will be made after satisfactory completion of work on pro –rata basis.
- 2) Attendance register should be maintained.
- 3) EMD is to be submitted along with offer and is to be remitted in cash (as permissible under Income Tax Act) or Pay order or Demand Draft only in favour of M/S BHEL Trichy.
- 4) Security Deposit shall be furnished by the successful vendor to the total contract value before starting the work.

The rate of Security Deposit will be 10% of the contract value up to 10 Lakhs. EMD of the successful vendor can be converted and adjusted against the 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. 3,200/-
Semiskilled	-	Rs. 3,700/-
Skilled	-	Rs. 4,100/-

- 6) Bonus @ 8.33 % to workmen to be paid.
- 7) L1 Vendor will be finalized based on Individual Item basis.
- 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.

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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):

Rs. _____ 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):

Rs. _____ Lacs

(Strike off whichever is not applicable)

The above investment of Rs. _____ Lacs is within permissible limit of Rs. _____ 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: **FABRICATION OF TEMPLE CAR AXLES & WHEELS**– Reg.

Ref: Enquiry no: 9241600018 Dated 26/02/2016. Due date: 25/03/2016, 14.00 Hrs.

Sl. No	Description	Qty	UOM	Rate	Value
1	THE FABRICATION OF TEMPLE CAR AXLE ARE TO BE CARRIED OUT FOR SIZES FROM WHEEL DIA.1250 MM TO 1500MM AS PER THE DRAWINGS.	50000	KG		
2	THE FABRICATION OF TEMPLE CAR AXLE ARE TO BE CARRIED OUT FOR SIZES FROM WHEEL DIA.1630 MM TO 2700MM AS PER THE DRAWINGS.	40000	KG		
3	FABRICATION OF TEMPLE CAR FRONT WHEEL - Ø1630 MM TO Ø2700MM.	40000	KG		

❖ **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.
- 4) **L1 Vendor will be finalized based on Individual Item basis.**

Sign & Seal of Contractor