

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



ISO 9001

ENQ No: 9241700002

31.01.2017

NOTICE INVITING TENDER

Sub: Fabrication of Temple Car Front, Rear Wheels and Axles.– Reg.

Ref: Enquiry no: 9241700002 DATED:28/01/2017;DUE DT:22/02/2017

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.14,120/-** 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 only the percentage rates (ie,.Below (- %) / At par (0%) / Above (+ %) of the rates provided in Price bid.

The complete Technical bid and price bid along with requisite **EMD of Rs.14,120/-** shall reach the office of the undersigned on or before 22/02/2017 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.

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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

Sign & Seal of Contractor

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NOTICE INVITING TENDER

01.	Name of work	FABRICATION OF TEMPLE CAR FRONT, REAR WHEELS AND AXLES.
02.	Earnest Money Deposit	Rs.14,120/-
03.	Duration of the contract	1 Years (From the date of commencement of the work)
04.	Last Date for Receipt of Tender	14.00 Hrs on 22/02/2017
05.	Date of Technical Bid Opening	14.30 Hrs on 22/02/2017
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 09 Pages (Technical Bid – 08 Pages, Schedule for price bid – 01 page).

ISSUING OFFICER

Sign & Seal of Contractor

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TECHNICAL BID

NAME OF THE WORK: **Fabrication of Temple Car Front, Rear Wheels and Axles**

Enquiry no: 9241700002 Dated: 28/01/2017. Due date: 22/02/2017, 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 experience in Fabrication Contract 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 of the POs 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	
8	The bidder along with its associate/collaborators/sub-contractors/sub-vendors/ consultants/ service providers shall strictly adhere to BHEL fraud prevention policy displayed on BHEL website http://www.bhel.com and shall immediately bring to the notice of BHEL management about any fraud or suspected fraud as soon as it comes to their notice.	

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SCOPE OF WORK:

1. FABRICATION OF TEMPLE CAR FRONT,REAR WHEELS AND AXLES.

SI.	SCOPE OF WORK	QTY
10	<p>FABRICATION OF TEMPLE CAR FRONT WHEEL ϕ900 mm to ϕ1150mm</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.900 mm -3M21A4315100 2.Dia.1000 mm -3M21A4312138 3.Dia.1150 mm -3M21A4312294</p> <p>The sizes other than the above and between ϕ900 mm to ϕ1150mm shall also be fabricated as per the drawings given at the time of fabrication.</p>	20000 KG
20	<p>FABRICATION OF TEMPLE CAR REAR WHEEL - ϕ900 mm to ϕ1150mm</p> <p>The Fabrication of Temple car Rear Wheels are to be carried out for Sizes from Wheel Dia.900mm to 1150mm as per the drawings.</p> <p>1.Dia. 900 mm- 3M21A4315101 2.Dia.1000 mm- 3M21A4312141-02 3.Dia.1150 mm- 3M21A4312295-02</p> <p>The above Drawings are indicative, and the actual drawings will be given at the time of fabrication.</p> <p>The sizes other than the above and between 900 mm to 1150mm shall also be fabricated as per the drawings given at the time of fabrication.</p>	20000 KG
30	<p>FABRICATION OF TEMPLE CAR AXLE – ϕ900 mm to ϕ1150mm</p> <p>The Fabrication of Temple car Axle are to be carried out for Sizes from Wheel Dia.900mm to 1150mm as per the drawings.</p> <p>1.Axle for Wheel Dia. 900 mm - M&S:PD:13:183 2.Axle for Wheel Dia.1000 mm - 3M21A4314829 2.Axle for Wheel Dia.1150 mm - 3M21A4314815</p> <p>The above Drawings are indicative, and the actual drawings will be given at the time of fabrication.</p> <p>The sizes other than the above and between 900 mm to 1150mm shall also be fabricated as per the drawings given at the time of fabrication.</p>	20000 KG

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40	FABRICATION OF TEMPLE CAR FRONT WHEEL - ϕ1250 mm to ϕ1500mm The Fabrication of Temple car Front Wheels are to be carried out for following Standard Sizes as per the drawings against each size. 1.Dia.1250 mm- 3M21A4313700 2.Dia.1350 mm- 3M21A4311215 3.Dia.1500 mm- 3M21A4313338 The sizes other than the above and between ϕ 1250 mm to ϕ 1500mm shall also be fabricated as per the drawings given at the time of fabrication.	40000 KG
	Scope of work: 1.Fabrication shall be carried out at Facility Shop inside the factory premises of BHEL. 2.The contactor has to roll the tubes required for the fabrication in the Rolling machine available at Facility Shop under the supervision of BHEL staffs for wheel ϕ 1250 to ϕ 1500 as single/double pieces. The contractor has to do the correction work to form roll tube in the Dies available at facility shop. If the Tube Rolling machine is under maintenance, the contractor has to roll the tube manually. 3.Pug cutting Machine shall be used for side plate edge preparation as per the drawing. 4.All fit up and sub - assembles 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.	

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SCOPE OF CONTRACTOR:

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. Pug cutting machine is to be arranged by the contractor.
3. Necessary hand tools required for fabrications are to be arranged by the contractor.
4. Only experienced welders & fitters are to be engaged.
5. 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. The rolled wheel plates required for the fabrication will be supplied free of cost by BHEL.
4. The Machined Wheel hubs will be supplied free of cost by BHEL.
5. 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 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) Contractor may visit BHEL Trichy premises to get acquaintance with quantum of day to day work before quoting.
- 9) 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 15% 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 CONDITIONS FOR M&S MECHANICAL CONTRACTS

- 1) 100% payment will be made after completion of entire work pro-rata basis on submission of invoice in triplicate duly certified by Area In – charge.
- 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. SD is forfeited in case of any failure in execution of the contract or due to any shortcomings observed in the documentation furnished earlier for getting qualified or in case the Contractor is banned.
- 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 Tamil Nadu:

Unskilled	-	Rs.3200/-
Semiskilled	-	Rs.3700/-
Skilled	-	Rs.4100/-
- 6) Bonus @ 8.33 % to workmen to be paid.
- 7) The vendor shall only quote percentage rate as mentioned in the 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.
- 12) The contractor should remit the salary/wages for their workmen only through Bank. Monthly clearance will be given in respect of all contractors, if only the salary/ wages to the workmen has been remitted through the bank account of the contract workmen. The relevant Bank statement/proof for Bank payment should be produced along with PF and ESI challan's to Welfare Section every month.

Sign & Seal of Contractor

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: **FABRICATION OF TEMPLE CAR FRONT,REAR WHEELS AND AXLES.– Reg.**

Ref: Enquiry no: 9241700002 Dated 28/01/2017. Due date: 22/02/2017, 14.00 Hrs.

1) FABRICATION OF TEMPLE CAR FRONT, REAR WHEEL AND AXLES

Item No (1)	Description (2)	Qty (3)	UOM (4)	Estimated Rate (5)	Estimated Value (6)	Below (- %) / At par (0%) / Above (+ %) of the rates provided here in SI no.(5)
						In Figures
10	FABRICATION OF TEMPLE CAR FRONT WHEEL ϕ 900 mm to ϕ 1150mm.	20000	KG	7.6	152000	
20	FABRICATION OF TEMPLE CAR REAR WHEEL ϕ 900 mm to ϕ 1150mm.	20000	KG	4.9	98000	
30	FABRICATION OF TEMPLE CAR AXLES ϕ 900 mm to ϕ 1150mm.	20000	KG	4.6	92000	
40	FABRICATION OF TEMPLE CAR FRONT WHEEL - ϕ 1250 mm to ϕ 1500mm.	40000	KG	9.1	364000	

❖ TAXES IF ANY SHOULD BE QUOTED EXTRA

- 1) **Details & Quantities of each item of work shown above are only approximate. They are given as a guide for the purpose of tendering only and are liable to variation and alteration of the Competent Authority. The work under each item as executed shall be measured and priced at the percentage quoted by the contractor Below (- %) / At par (0%) / Above (+ %) of the rates provided above in SI no.(5).**
- 2) The percentage rate offered is for finished item of works and shall provide for the complete cost towards fuel, tools, tackles, plant & machinery, temporary works, labour, materials, levies, taxes, transport, lay-out, repairs, rectifications, maintenance till handing over, supervision, establishment, services, revenue expenses, overheads, profits & all other incidentals etc., complete Rate quoted shall include all royalties, terminal taxes, Octroi duties, Central or Provincial Excise Tax, Sales Tax and any other taxes leviable under the State or Central Government rules. The Bharat Heavy Electricals Ltd., will not entertain any claim whatever in this respect.
- 3) Payment terms: 100% Payment will be made after completion of work on pro rata basis on submission of invoice in triplicate duly certified by Engineer In Charge.
- 4) Tax deduction will be made from the every bill at the prevailing rate as per the Government rule and regulation from time to time.
- 5) Detailed scope of work and other terms and conditions are specified in the Technical Bid of the Tender.
- 6) **Item wise L1 will be considered for above Item.NO.10 TO 40.**

Sign & Seal of Contractor