



ISO 9001 Company

**Heavy Engineering Corporation Limited**  
(A Govt. of India Enterprise)  
**Heavy Machine Building Plant**  
**Ancillary & Contract Department**

**LIMITED TENDER ENQUIRY**

No.ACD/HMB/12/SF/1647/LTE-472

Date: 13/01/2012

HEC intends to procure the following items. Interested firms are requested to submit their most competitive offer for supply of following items as per the Drawings & technical Instructions and with the terms & conditions given below.

Sl. No.	Drg.No.	Desc.	Qty Reqd	Wt/pc in Kg	Material Grade
1	SK9003.02.502 SK9003.02.521	Blank for Wheel Dia-700	02	425.00	65C6 IS: 2004-91
2	SK3102.05.143	Wheel Dia-1000 (Forged Blank)	02	690.00	65C6 IS: 2004-91

Schedule of Tender receipt : by 02/02/2012, upto 1:00 PM

Opening of tender : on 02/02/2012 at 3:00 PM

**Submission of offer**

The complete tender is to be submitted in a separate sealed envelop super scribing the tender no., before the scheduled date of submission of tender in the tender box at the office of ACD/ HMBP, Room no. 28, HMBP ADM Building, HEC Ltd, Ranchi 4. If the tender is bulky & voluminous the tenders are to be handed over to Sri C. S. Prasad, Dy. Manager/ ACD/ HMBP against receipt date & time.

The offer has to be given in two part bids. Part-1 of the offer will contain the technical and commercial aspects as asked in part-I of the enquiry. This completed schedule along with confirmation of EM deposit of 2% of your quoted value will form Part-I of the offer. This Part-I should be kept in one envelope and super scribe name of the enquiry and Techno-Commercial Bid Part-I over the envelope. Part-II of the offer will contain Price Bid and EMD which is to be given in the format as given as Part-II of the enquiry. This price bid should be kept in a separate envelope and super scribe name of the enquiry and Price Bid Part-II over the envelope. Both the sealed envelopes should be kept in one single envelope and super scribe name of the enquiry and opening date over this envelope also mention part I & II over this envelope. The completed offer must reach us on or before **02/02/2012.**

**Part (I) and Part (II) should be strictly submitted in the format as given in this enquiry as Annexure – 1 and Annexure – 2 respectively.**



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**Technical instructions**

1. Scope of work:- Procurement of Blank for Wheel Dia- 700 & Wheel Dia-1000.
2. Wheels to be manufactured and supplied as per drg. and its technical instructions indicated in the Drawings.
3. The bidders should have following manufacturing facilities of their own.
  - a. Own forge shop with calibrated re-heating furnaces.
  - b. Own heat treatment shop with furnace Homogeneity/Uniformity calibration BS2M- 54,1991 or Api-6A standard.
  - c. Facilities for secondary refining, vacuum degassing and bottom Pouring of ingots.
  - d. In house duly calibrated testing facilities for ultrasonic, hardness, mechanical chemical, MPT, LPT DPT and Gas analyzer.
4. Raw material (Ingots) should confirm to following technical parameters and mill test certificates should indicate the same.
  - a. Gas Level (H<sub>2</sub> – 2 PPM max O<sub>2</sub> 50PPM Max N<sub>2</sub> 100PPM Max.
  - b. Chemistry as per 65C6 IS: 2004-91.
  - c. Route of manufacturing of Steel (EAF/LRF/VD).
5. The following documentary evidences duly attested by CE should be furnished along with technical offer.
  - a. List of Forging facilities. Heat treatment shop, list of machinery facilities.
  - b. Facilities for steel melting including secondary refining & vacuum degassing.
  - c. Copies of purchase orders for similar items executed in last 2 years on the Scheduled date of tender opening
6. Ordered Wheels should confirm to following technical parameters.
  - a. Forging should undergo reduction ratio of 4:1(minimum) including upsetting reduction ratio of 2.5:1.
  - b. Wheels Should be supplied in soft annealed condition.
  - c. Materials should be ultrasonically guaranteed as per IS: 8791 Class-B or FFS235 HEC standard.
7. **Bidders have to submit the details of Manufacturing, Machining and Forging facilities along with Technical Commercial Bid Part-1.**
8. Drawings are available in our office (ACD)/HMBP, HEC Ltd. for study on any working day before opening of tender

**Special Instructions-**

**For Dia 700**

1. Forging of Wheels should have reduction ratio of 4:1 minimum and upset ratio 2 to 2.5:1.
2. Forging to be soft and annealed.
3. Forging to be ULTRASONICALLY tested as per FFP standard FFS-235.
4. Forging blanks to be procured in rough machined condition.
5. Round off sharp edges and corners.



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**For Dia 1000**

1. Forging of Wheels should have reduction ratio of 4:1 minimum and minimum upsetting ratio of 2.5:1.
2. Gas Level- H2- 2 PPM MAX in liquid condition.
3. Forging to be soft and annealed.
4. Forging to be ULTRASONICALLY tested as per IS: 8791 Class B
5. Forging blanks to be procured in rough machined condition.
6. Round off sharp edges and corners.

**The supplier has to give identification mark (to be indicated afterwards) on each item.**

**Terms & conditions**

1. The rate quoted shall be **F.O.R HMBP** (inclusive of packing & forwarding, Freight charges & transit Insurance).
2. The price quoted by the tenderer should be exclusive of sales Tax/ VAT. The rate and nature of sales tax applicable should be shown separately. Sales Tax will be paid to the seller at the rate at which it is liable to be assessed or has actually been assessed on the date of supply provided the transaction of sale is legally liable to sales Tax and within the delivery period. Any change on the taxes & duty structure beyond the delivery period will not be considered by HEC.
3. The rates quoted must be firm and the offer made must remain valid for acceptance for **three months** from the date of opening of the tender. The rate quoted must be in word and figure as well. In case any discrepancy in rate given in figures and word, the rate given in words will prevail.
4. Quotations erased or over written are likely to be rejected unless all corrections are authenticated with the tenderer's signature with seal.
5. **Payment terms:** 90% within two months of receipt of material in HMBP and 10% against C.R.V and submission of PBG as per clause no. 19.
6. Delivery Schedule – **60 days** from the date of issue of PO.
7. Full particular i.e. specification, literature and or drawing wherever applicable should be submitted along with the quotation. The brand and make name must be indicated.
8. The Corporation does not pledge itself to accept the lowest or any tender and reserve to itself the right of accepting the whole or any part of tender or portion of the quantity offered and you shall supply the same at the rate quoted.
9. Inspection of the manufactured items will be done by QCA/HMBP at supplier's works necessary tools and measuring instruments to be provided by the supplier.
10. Order placed as a result of this tender will be governed by the Corporation's General Terms and Conditions of Contract which can be referred in HEC's website [www.hecltd.com](http://www.hecltd.com)
11. Corporation reserves the right to call for and examine at any time the books of accounts and other document and papers of the firm for the purpose of ascertaining whether any excess payment has been made or the firm likely to be received / received undue benefit out of execution of the particular contract.
12. Earnest Money - Earnest Money to the extent 2% of the total value will have to be deposited by demand draft, in favor of Heavy Engineering Corporation



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- Limited, Ranchi – 4, payable at Ranchi. **The EMD will be enclosed in the price bid only.**
13. Security deposit (SD) – Successful bidder has to deposit Security Deposit to the extent of 5% of total Purchase Order Value ( by Demand Draft) within 14 days of P.O. date. In case the Firm has deposited 2% of Purchase Order Value as EMD , the same may get converted into SD , but extra 3% of total Purchase Order Value in the form of SD ( by Demand Draft) must get deposited within 14 days from P.O. date.
  14. Delivery : The time for and the date of delivery of the Stores stipulated in the acceptance of tender shall be deemed to be the essence of the Contract and delivery must be completed not later than the dates specified therein. Otherwise:
    - a. The purchaser to recover from the Contractor a sum of 0.5% per week (Completed week) of the price of the Stores (upto maximum 10%) as liquidated damages, which the contractor has failed to deliver as aforesaid or
    - b. The purchaser may procure the undelivered stores/ similar items from elsewhere, without notice to the contractor at the risk of the contractor without canceling the contract in respect of the consignment not yet due for delivery or
    - c. To cancel the contract or a portion thereof.
  15. There is no obligation on our part to accept delayed / late tenders. Tenders received after the due date of opening are liable to be summarily rejected.
  16. The rates quoted shall also be inclusive of embossing on the material. The ownership namely HMBP should be at a predominant place of the material to a size/ thickness upon the volume of the material.
  17. The corporation reserves the right to reject any / all tender partly / fully and no tenderer can ask any explanation anywhere in this regard.
  18. Successful Bidders have to sign the confidentiality agreement in HEC's format.
  19. Performance Bank Guarantee: The successful tenderer will have to submit performance bank guarantee amounting 10% of the contract price valid till guarantee period in HEC's format enclosed as annexure 3..
  20. Guarantee clause- The items supplied shall be guaranteed for a period of 12 months from the date of commissioning or 18 months from the date of supply whichever is earlier against defective materials or bad workmanship

(C. S. Prasad )  
DM (ACD)/HMBP



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**Annexure – 1**  
**PART – I**

Tender No.ACD/HMB/12/SF/1647/LTE-472

Date: 13/01/2012

Quotation No.....

1. Reference of Major PO's placed on you by HEC during last two years for similar items ( Steel Forgings)

OR

Reference of major PO's executed by you to other companies during last two years (please enclose photo copy of PO's. & Proof of material dispatch) for similar items.

2. Facilities available at your works for the same work.
3. Whether SSI - Yes/No (In case your answer is Yes, then please enclose certificate.
4. Whether EMD deposited in the price bid - (Yes/No).
5. Delivery schedule for the items of this enquiry.
6. Whether Terms & Condition/Note etc. mentioned in the tender enquiry is acceptable to the tenderer - (Yes/No).

(Signature of Tenderer with seal)

Note : If you have given detail of PO's executed to other company and list of facilities available against any other enquiry to ACD then you can give reference of our enquiry and your offer only, no need to give full details.



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Annexure - 2

**PART-II**  
(Price Bid)

No.....Date : .....  
To,  
The Deputy Manager  
Ancillary & Contract Department  
HMBP, HEC Ltd.,  
Ranchi- 834004

Dear Sir,

In response to your enquiry for supply of following items. We give herewith our best offer without any deviation or rebate:-

Sl. No.	Drg. No	Description	Qty.	Rate in ₹/Pc	
				Figure	Words
1	SK9003.02.502 SK9003.02.521	Blank for Wheel Dia-700	02		
2	SK3102.05.143	Wheel Dia-1000 (Forged Blank)	02		

**Note: -**

1. F.O.R . :
2. Payment :
3. Delivery :
4. Validity :
5. Sales Tax/VAT :
6. Inspection :
7. Excise Duty :

(Name of the Tenderer with Official Seal)

Important: -

1. Rate must be given in figures as well as in words.
2. Hand written tender will not be accepted.



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**Annexure 3**

**FORMAT OF PERFORMANCE BANK GURANTEE**

(TO BE STAMPED IN ACCORDANCE WITH STAMP ACT & TO BE ISSUED BY ANY NATIONALISED /SCHEDULED BANK AUTHORISED BY RBI TO ISSUE A BANK GUARANTEE)

Name of Equipment: ----- Gurantee NO-----  
Purchase Order No.:----- dated: ----- Date:-----  
Validity -----  
Claim period-----

To:  
M/s Heavy Engineering Corporation Ltd.  
Heavy Machine Building Plant  
Ranchi-834004 Jharkhand

In consideration of your having placed an order bearing Purchase Order No.-----dated:----- with-----  
-----  
------(hereinafter referred to as Supplier) for the supply of-----  
------(hereinafter referred to as the-----  
-----  
-----

We ----- do hereby agree with you irrevocably that, should the machinery and equipment fail to give the guarantee performance and achieve the efficiency as stipulated in the Purchase Order within the period of guarantee or should the material and/or workmanship of the machinery and equipment supplied or any part thereof be found defective and/or fully, as per the purchase order, we undertake to pay without any demur merely on demand a sum of Rs. --  
-----  
being 10% of the value of Rs. -----for the supply of -----

Your decision whether the supplier have made any such defaults and the amount to which you are entitled by reasons thereof shall be conclusive and bind on us, subject to maximum of Rs. -----  
----- as aforesaid.

We-----further guarantee that the machinery and equipment manufactured and supplied by the supplier shall be new, of good quality materials and of the first class



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workmanship as specified in the Purchase order and should the machinery and equipment supplied or any part thereof be found defective and that should the defect as pointed out in inspection note be not made good and/or in case of failure within guarantee period same shall be replaced on free of cost or repaired on free of cost to the entire satisfaction of Heavy Engineering Corporation Ltd..

We -----agree that the guarantee herein contained shall remain in full force and effect till the machinery and equipment give the desired performance and it shall continue to be enforceable till your dues have been fully paid and claims satisfied or discharged subject to a period not later than----- . In the event of any extension granted for commissioning/dispatch suitable extension shall be given on your request.

We-----, further agree that any neglect, omission or forbearance or indulgence in enforcing any claim as per the terms and conditions of your purchase order or performance guarantee or any of them or any extension of the time granted for the performance or payment of penalty under the guarantee or any dispute between the supplier and yourselves as regard performance of machinery and equipment supplied or issued related to your Purchase order, shall not effect in any way our liability under this guarantee until the full payment, but in any case, shall not extend beyond-----.

This guarantee is in addition and not substitution for guarantee given to you by the seller or by their bankers on their behalf.

We----- lastly undertake not to revoke this bank guarantee during its currency except with the previous consent of the corporation in writing.

Notwithstanding anything to contrary stated above, our liability under this guarantee will be restricted to Rs.----- and shall remain in force up to -----, unless a demand or claim under this guarantee is made from the date i.e. on or before-----  
----all your rights under the said guarantee shall be forfeited and we shall be released and discharged from all liabilities thereunder.

Dated at ----- day of -----

Seal of the Bank