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ISO 9001:2000

**HEAVY MACHINE BUILDING PLANT  
HEAVY ENGINEERING CORPORATION LIMITED**

(A Govt. of India Enterprise)  
Ranchi – 834 004 (INDIA)

No. HMB/PUR/2020/962061/EL- 6133

Date: 28.09.2020

Due date for opening on: 19.10.2020

**OPEN TENDER ENQUIRY**

The scope of this tender covers Supply of Cables of various sizes & lengths for 5 Cum Excavator to HMBP Stores/HEC Ltd. Ranchi On **PACKAGE BASIS** as below:

Sl. No.	Item Code	Description	Qty /Mc.	Total Qty. for 5 machine
1	5213231040	<b>UNARMoured, HRPVC INSULATED COPPER CABLES :</b> 1100V Grade, single core, unarmoured, HRPVC insulated & sheathed copper cable. The conductor shall be annealed high conductivity stranded circular non-compacted copper conductor conforming to <b>IS: 8130-84</b> , flexible class-5. The insulation shall be HRPVC Compound type C and the outer sheath shall be HRPVC Compound type: ST-2 as per <b>IS: 5831-84</b> . The cable shall generally conform to the latest revision of <b>IS: 1554/part-1/1988</b> . Cable shall be BIS marked , Size- 1 x 1.5 sq. mm ( <b>Detailed Technical specification shall be as per Annexure-C</b> )	140M	700M
2	5213231060	-Do- but size- 1 x 2.5 sq. mm	2570M	12850M
3	5213231070	-Do- but size- 1 x 4 sq. mm	780M	3900M
4	5213231100	-Do- but size- 1 x 16 sq. mm	85M	425M
5	5213231130	-Do- but size- 1 x 50 sq. mm	95M	475M
6	5213231150	-Do- but size- 1 x 95 sq. mm	85M	425M

Note:

1. Procurement shall be done of package basis i.e. L1 bidder shall be determined on landed cost of "sum of total overall value of all NIT items as per scope of supply of NIT & Terms & conditions of NIT" and order placement shall be done on overall L1 bidder.
2. Price must be quoted for all the items i.e covered by Sl. No. 1 to 6 above separately as per Price bid format (Annexure-B). If prices for all the items are not quoted then offer shall not be considered.



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- 3. Please fill annexure-A and submit along with techno-commercial bid (Part-I of offer). This is mandatory.**
- 4. Detailed Technical Specification shall be as per Annexure-C only.**

**Instruction to bidders:**

- Please fill annexure-A and submit along with techno-commercial bid. **This is mandatory.**

**Schedule of Tender:**

**Bid submission closing date & time:** 19.10.2020, 1.00 PM  
**Bid opening date & time:** 19.10.2020, 3.00 PM

**Method of submission of offer:**

- 1. Quotation to be submitted in TWO-BID System i.e.**

- (a) Techno commercial bid ( Part I)-** This techno-commercial bid shall be conforming to all technical specifications, commercial terms and conditions,& price format with price column blanked ( Un-priced ) The price format should contain item wise list of items for which the price has been quoted.**(Annexure A)**
- (b) Price bid (Part II) –**This part shall comprise price format duly filled in.**(Annexure B)**
- Techno-commercial bid should be sealed in separate envelope super scribing as part-I & Price bid should be sealed in a separate sealed envelope super scribing as part-II with tender enquiry reference, date, due date of opening & tenderer's name & address on each envelope.
- Both bids i.e. part-I & part-II has to be sealed in **one sealed envelope** clearly super scribing on the top of envelope tender reference no. with date, due date of opening & tenderer's name , address & "TWO BID" on it.
- If offer is not submitted as per, "Method of submission of offer" explained as above then offer shall not be considered.**

**Qualifying Criteria:**

- Validity of offer** should be minimum 90 days from the date of opening of tender. The offer with a lower validity period other than 90 days will not be acceptable and such offer shall be ignored without assigning any reason.
- Earnest Money Deposit:** EMD has to be furnished as per clause No.24 of this tender .If not submitted, your offer can be summarily rejected and no further correspondence shall be done.

**Commercial terms and conditions:**

- Offers to be submitted on FOR HMBP Stores basis. The rate quoted shall be inclusive of all packing & forwarding, freight and transit insurance charges. **If quoted Ex-Works then Freight Charges upto HMBP/HEC/RANCHI must be indicated, otherwise the offer may not be considered.**
- The Price quoted by the tenderer should be exclusive of GST. The rate and nature of GST applicable should be shown separately GST 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 GST and within the delivery period.



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3. The rates quoted must be firm and the offers made must remain open for acceptance for minimum 90 days from the date of opening of the tender.
4. **Payment terms shall be as under: 100% payment along with 100% GST shall be made through RTGS within 60 days of the receipt and acceptance of supplies at the destination**, along with Guarantee certificate, Test certificate, inspection certificate /CRV (To be issued by HEC), original invoice & Performance bank guarantee for 10 % of total order value.  
**Note:**
  - a. **For payment all the processing charges by the bank shall be on account of the firm.**
  - b. **If you offer any other payment terms other than NIT payment terms then your offer can be loaded with bank interest rate ( Presently 1% per month i.e 12% per annum (Maximum ) as per the rules of the company for L1 consideration only**
5. Quotations erased or over written are likely to be rejected unless all corrections are authenticated with the tenderer's signature.
6. **Delivery – Within 6-8 weeks from the date of approval of datasheets and manufacturing clearance.**
7. Full particulars i.e. specification, literature and / or drawing wherever applicable has to be submitted along with the quotation. The 'Brand' and 'Make' name must be indicated.
8. **Tender Cost of Rs.200.00:** Bids must be accompanied by a Tender cost (Bid Security) amounting to Rs.200/- in the form of demand draft in favour of "Heavy Engineering Corporation Limited" and payable at par at Ranchi alongwith techno-commercial bid. (Scan copy of DD to be uploaded along with techno-commercial bid & original DD to be sent through courier / submitted by hand to the office of undersigned.
9. The Corporation does not pledge itself to accept the lowest or any tender and reserves 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.
10. Supplies will be subject to Inspection by our Inspection wing / or inspection Agencies prescribed by us.
11. Order placed as a result of this tender will be subject to the Corporation's General Terms and Conditions of contract which can be down loaded from our website ([www.hecltd.com](http://www.hecltd.com)).
12. Corporation reserves the right to call for and examine at any time the books of accounts and other documents and papers of the firm for the purpose of ascertaining whether any excess payments has been made or the firm likely to be received / received undue benefit out of execution of the particular contract.
13. The final quantity may vary at the time of finalization of tender; however the proper clarification / confirmation shall be taken from the firms.
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. Tenderers registered with National Small Industries Corporation/ Small Scale Industries/ Micro, Small scale Industry (MSE) or DGS&D for the tendered item will be exempted from submission of EMD. The



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tenderer should enclose an authenticated copy / notarized copy of their valid registration certificate with NSIC, DGS&D for grant of exemption.

**In case Bidder is covered under MSME criteria, it is mandatory to quote UAM no in Bid Documents.**

**HEC is registered on TReDS governed by RBI Guidelines and our registration no is HE0000320. All MSME firms are advised to be get registered on RXIL (Receivable exchange of India-Mumbai)**

16. **Guarantee** – The materials supplied shall be guaranteed for a period of 12 months from commissioning or 18 months from date of supply whichever is earlier.
17. **Security Deposit:** 5% of the P.O. value to be deposited by the successful bidder within 21 days after placement of order by HEC which shall remain with HEC till the completion of order by the firm. **This clause is mandatory and has to be accepted by all bidders. If Security deposit clause is not accepted then the offer of the bidder shall not be considered.**
18. **Earnest Money Deposit** - Earnest money Rs. 5,000.00 will have to be deposited separately by demand draft / bank guarantee from any nationalized bank Payable on the State Bank of India, Ranchi Hatia Branch, in favor of Heavy Engineering Corporation Ltd. Ranchi. - 4. EMD Should be submitted along with techno-commercial bid (Part –1).

**Note:** No EMD / Tender Document Cost shall be required under the following cases:

- a) **National Small Industries Corporation / Small Scale Industries / Micro, Small Scale industry (MSE), as per Government directive \*.**
  - b) **Firms registered with DGS&D for only those items if they are under this tender.**
19. Based on HEC's requirement and in order to ensure security of supply from more than one sources, the total tendered quantity of any item may be split amongst more than one successful bidder at L1 Landed price. Hence Purchase Order may be placed on more than one firms and the repeat order for 100% quantity may be placed on successful bidder.
  20. **Liquidated Damages (LD) Clause:** For late delivery, LD shall be levied @0.5 % per week (completed week) of the price of the stores (upto maximum 10 %) as liquidated damages
  21. **Risk Purchase Clause** – 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 no later than the dates specified therein. Otherwise, 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 May cancel the contract or a portion thereof, and if so desired, to purchase or authorise the purchase of stores not so delivered or others of as similar description at the risk and cost of the contractor.
  22. 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.
  23. **General conditions of the contract** :Unless otherwise specified in the Terms & Conditions above, this order shall be governed by General conditions of contract of purchase of HEC Ltd, which is available in the web site of HEC. ([www.hecltd.com](http://www.hecltd.com))

**Special Note:**

While submitting tender pl. mention your Registration No. with HEC as a registered vendor with valid paper.

If not pl. get registered your firm with HEC Limited immediately.

Please indicate whether your firm covered under MSES/MSES owned SC/ST or covered under SSI separately in Techno-commercial bid.



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Please submit the form of Terms & Conditions duly filled in and signed by the tenderer along with your offer in technical (part-1) bid.

**.23. ARBITRATION**

In the event of any dispute or difference of opinion between the Heavy Engineering Corporation or any of its units / division and the contractors as to the respective rights and obligation of the parties hereafter or to the true intent and meaning of these presents and the many articles of conditions thereto, such dispute of difference of opinion shall be referred to the many articles of conditions thereto, such dispute of difference of opinion shall be referred to the sole arbitration of the Chairman, Heavy Engineering Corporation and his decision shall be final, conclusive and binding on the parties.

**24. Mode of dispatch:**

By Road to the consignee at In-charge stores /HMBP/HEC Ltd. Ranchi. For the consignments dispatched by road, the supplier shall ensure that the following are observed by them:

- i) All dispatches must be affected only on receipt of written dispatch clearance from the purchaser.
- ii) Material shall be dispatched to In-charge stores/HMBP/HEC Ltd, Ranchi.
- iii) Care shall be taken to avoid damages during transit to ensure that all the packages are firmly secured.

**25. PACKING, FORWARDING & SHIPMENT**

- 1. The supplier has to ensure proper packing so that material reaches destination without damage.**
- 2. The supplier shall notify the purchaser of the date of each shipment from his works with L/R copy and the expected date of arrival at the site for information.**



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**Annexure A**

(To be filled by bidder and scan copy of the same to be uploaded along with Techno-commercial bid)

Sl No.	Terms & Conditions	Desired BY HEC	Bidders Comment ( Accepted / Not accepted )	Remarks
1	<b>All Items of NIT to be quoted by bidder</b>	<b>Must be accepted otherwise offer shall not be accepted.</b>		
2	Price Term (Ex-Works / FOR HMBP)	FOR HMBP Stores, HEC Ltd, Ranchi-4		
3	<b>Packing and Fwd. (Extra/Included/Not Applicable)</b>	<b>To be included in quoted price. If not included then clearly indicate amount otherwise offer may not be accepted.</b>		
4	GST Registration certificate	To be furnished		
5	TAXES (GST )	% of Applicable Taxes to be indicated Extra		
6	Payment Terms	To be confirm in line with NIT Clause No.4 of NIT's commercial terms and conditions.		
7	Validity of Offer	Minimum 90 days from the date of opening of tender		
8	Price Variation Clause	Prices will be firm till the execution of order. (To be confirmed)		
9	Delivery Schedule	<b>Within 6-8 weeks from the date of approval of datasheets and manufacturing clearance.</b>		
10	Inspection	By QCA/HMBP		
11	<b>Tender Cost of Rs.200.00 (Mandatory)</b>	<b>DD from any nationalized bank in favor of HEAVY ENGINEERING CORPORATION LIMITED, payable at Ranchi ( Exempted for NSIC/SSI /MSME registered firms)</b>		
12	Freight Charges if Ex-Works	To be quoted separately		
13	Guarantee/Warranty as per NIT Clause No. 16 of commercial terms and conditions.	<b>To be provided</b> ( 12 months from the date of installation & commissioning & final acceptance of customer or 18 months from the date of receipt & acceptance of materials at consignee's end whichever is earlier)		
14	Security Deposit for 5% of PO value as per NIT Clause No. 17 of commercial terms and conditions.	To be deposited by successful bidder within 21 days after placement of order by HEC. <b>This clause is mandatory and has to be accepted by all bidders. . If Security deposit clause is not accepted then the offer of the bidder shall not be considered.</b>		
15	<b>EMD of Rs. 5,000.00 (Mandatory)</b>	<b>DD from any nationalized bank in favor of HEAVY ENGINEERING CORPORATION LIMITED, payable at Ranchi ( Exempted for</b>		



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		<b>NSIC/SSI/MSME registered firms hence furnish valid NSIC/SSI/MSME certificate to avail exemption.)</b>		
16	<b>L/D Clause Acceptable (Yes/No) as per NIT Clause No. 20 of commercial terms and conditions.</b>	<b>Must be Accepted (As per NIT)</b>		
17	Special terms (If Any)			
18	<b>Acceptance of Risk Purchase Clause (Yes/No) as per NIT Clause No. 21 of commercial terms and conditions.</b>	<b>Must be Accepted (As per NIT)</b>		
19	GCC of HEC (available in tender section at HEC website : www.hecltd.com)	To be accepted as per NIT		
20	Confirmation of Supplying the materials as per Enquiry Schedule	YES/ NO		
21	All NIT conditions are acceptable	Yes/No, if no then state the clause wise deviation		
22	If firm is owned by SC/ST Entrepreneurs	To be indicated		
23	UAM (Udyog Aadhar No) No if registered under MSME	To be mentioned by bidder if applicable		
24	Materials shall be manufactured & supplied in line with in adherence of QMS/EMS/OHSAS	To be confirmed		

**NOTE:**

1. Please indicate whether your firm is covered under MSEs/MSEs owned SC/ST or covered under SSI separately in Tech. Bid.
2. Terms & Conditions duly filled in and to be submitted along with offer otherwise your offer may not be evaluated.

(BABLOO SONI)  
DM. /Purchase  
Heavy Machine Building Plant  
Heavy Engineering Corporation Limited  
Dhurwa, Ranchi – 834004  
Jharkhand (India),



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**Annexure-B  
Price Format**

Sl No.	Material code	Item Description ( REQUIREMENT OF HEC)	Qty.	Unit price in Rs.	Total Price in Rs.
1	5213231040	<b>UNARMOURED, HRPVC INSULATED COPPER CABLES :</b> 1100V Grade, single core, unarmoured, HRPVC insulated & sheathed copper cable. The conductor shall be annealed high conductivity stranded circular non-compacted copper conductor conforming to <b>IS: 8130-84</b> , flexible class-5. The insulation shall be HRPVC Compound type C and the outer sheath shall be HRPVC Compound type: ST-2 as per <b>IS: 5831-84</b> . The cable shall generally conform to the latest revision of <b>IS: 1554/part-1/1988</b> . Cable shall be BIS marked , Size- 1 x 1.5 sq. mm	700M		
2	5213231060	-Do- but size- 1 x 2.5 sq. mm	12850M		
3	5213231070	-Do- but size- 1 x 4 sq. mm	3900M		
4	5213231100	-Do- but size- 1 x 16 sq. mm	425M		
5	5213231130	-Do- but size- 1 x 50 sq. mm	475M		
6	5213231150	-Do- but size- 1 x 95 sq. mm	425M		
<b>Total price excluding GST in Rs.=</b>					

**Note:**

1. Procurement shall be done of package basis i.e. L1 bidder shall be determined on landed cost of " sum of total overall value of all NIT items as per scope of supply of NIT & Terms & conditions of NIT" and order placement shall be done on overall L1 bidder.
2. Price must be quoted for all the items i.e covered by Sl. No. 1 to 6 above separately. If prices for all the items are not quoted then offer shall not be considered.

Name of the Bidder:

Seal and Signature of Bidder:





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Ranchi – 834 004 (INDIA)**Annexure-C****Technical Specification****1. SPECIFICATION OF CABLES****1.1 UNARMoured, HRPVC INSULATED COPPER CABLES**

1100V Grade, single core, unarmoured, HRPVC insulated & sheathed copper cable. The conductor shall be annealed high conductivity stranded circular non-compacted copper conductor conforming to **IS: 8130-84**, flexible class-5. The insulation shall be HRPVC Compound type C and the outer sheath shall be HRPVC Compound type: ST-2 as per **IS: 5831-84**. The cable shall generally conform to the latest revision of **IS: 1554/part-1/1988**. Cable shall be BIS marked.

**2. SCOPE OF SUPPLY****2.1 Unarmoured, HRPVC insulated & HRPVC sheathed, class-5, copper cables of following sizes: -**

Sl. No.	Item Code	Cable size in sq. mm	Qty /Mc.	Total Qty.
1	5213231040	1 x 1.5	140M	700M
2	5213231060	1 x 2.5	2570M	12850M
3	5213231070	1 x 4	780M	3900M
4	5213231100	1 x 16	85M	425M
5	5213231130	1 x 50	95M	475M
6	5213231150	1 x 95	85M	425M

**3.0 INFORMATION ALONG WITH OFFER**

The following details must be furnished along with the offer, wherever applicable, failing which the offers may summarily be rejected.

- i) Applicable Standards.
- ii) Basic continuous current rating at 40° C with close excess current protection in air.
- iii) Derated current rating at 50° C
- iv) Derating factor for ambient temperature variation at 45° C, 50° C, 55° C & 60° C.
- v) Group rating factors for all the types of cables.
- vi) Up-rating factors for 25%, 40%, 60% and 100% CDF.
- vii) Stranding data of the conductor.
- viii) DC Resistance of conductor at 20° C.
- ix) Maximum permissible conductor temperature.
- x) O.D. of conductor
- xi) Shape of conductor.
- xii) Number of strands with wire diameter



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- xii) Recommended size of crimping cable lug (Dowell's catalogue no.) and cable glands indicating type as per IS: 12943-90.
- xiii) Material type for:
  - a) Insulation
  - b) Inner sheath
  - c) Outer sheath
- xiv) Thickness of inner sheath, outer sheath and insulation.
- xv) Voltage drop per metre per ampere.
- xvi) Minimum bending radius.
- xvii) Dia of individual core.
- xviii) Dia. of finished cable with tolerance.
- xix) Weight of the cable per metre.