



ISO 9001 Company

Heavy Engineering Corporation Limited
(A Govt. of India Enterprise)
Heavy Machine Building Plant
(Purchase Department/ MM Division)

Tender Enquiry No HMB/PUR/03/12/070/EL(Crane)-3443

Dtd 12.09.12

To

We request you to submit your most competitive offer for the following items as per the given schedule & Technical specifications.

SI no.	Description	Total Qty.
1	Limit Switch as per DAP No. 235/10M & 98/09M	39 nos. as per technical specification

Note: The items shall be strictly as per the technical specification which is attached herewith

Schedule of Tender receipt by **04.10.12** up to **1 PM**

Opening of Tender on **04.10.12** at **3 PM**

This Enquiry Consist of Three parts as under:

- Schedule I** - Terms and Conditions
- Schedule II** - Technical Specification – DAP No 235/10M & 98/09M



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Schedule-I

Terms & Conditions

1. The rate quoted shall be Inclusive of all packing & forwarding. Freight charges and insurance charges on FOR HMBP Basis only.
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. 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 offers made must remain open for acceptance for three months from the due date of opening of the tender.
4. Quotations erased or over written are likely to be rejected unless all corrections are authenticated with the tenderers signature.
5. Delivery date offered must be specified and guaranteed.
6. Payment-Full payment will be made after 60 days of the receipt of supplies at destination duly inspected.
7. Full particulars specifications, 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 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.
9. Supplies will be subject to inspection by our Inspection wing / or Inspection agencies prescribed by us.
10. 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 web site www.hecltd.com.
11. 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.
12. Earnest Money- Earnest money to the extent of 2% of the total value to be deposited by demand draft on the State Bank of India, Ranchi Hatia Branch, in favour of Heavy Engineering Corporation Ltd. Ranchi-4 along with the offer. EMD will be converted to security deposit in case of successful bidder.
13. Security Deposit- The firm has deposit a sum equal to a 5 percent of the total value of the contract as Security Deposit for the due fulfillment of the contract within 14 days after placement of order. Failing this the contract will be cancelled at the risk & expense of the supplier. This will be in addition to other remedies available to the purchaser for the successful completion of the contract. The validity of the security deposit shall be up to the receipt of the last consignment.
Note:-In case the EMD is converted into security deposit the firm will have to deposit 3% amount of the total value (5% of the total value – 2% of the converted value).
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 any stores (up to maximum 10%) as liquidated damages, which the contractor has failed to deliver as aforesaid or



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- (b) The purchaser may procure the un deliver 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. Income Tax Clearance Certificate- All tenderers shall submit along with their tender an Income Tax Clearance Certificate duly countersigned by the Income Tax Officer of the Circle concerned under the seal of the office. Copy of permanent A/c no. (PAN) (of income tax) to be enclosed with the bid.
16. There is no obligation on our part to accept delayed / late tenders received after the due date of opening and there are liable to be summarily rejected.
17. The rates quoted shall also be inclusive of embossing on the material. The Ownership namely "HMBP" at a predominant place of the material to a size/thickness depending upon the volumes of the material.
18. Guarantee-The stores supplied shall be guaranteed for a period of 12 months from the date of commissioning against defective materials or bad workmanship.
19. Performance Bank guarantee- Performance Bank guarantee amounting to 10% of the contract price is to be submitted in HEC's Format issued by any Nationalized Bank (Preferably State Bank of India) valid till guarantee period.
20. **SPECIAL INSTRUCTIONS**

The tender is to be submitted in Two bid system along with EMD. The tenderers are to clearly super scribe description along with tender reference number and date of opening on the top of sealed envelope.

1. Part I – Techno commercial bid
2. Part II- Price Bid

The complete and sealed tender is to be submitted by 1:00 PM of scheduled date in the tender box at MM Division, Ground floor ,HMBP ADM Building, HEC Ltd, Ranchi 4.

If the tender is bulky & voluminous the tenders are to be handed over to the following persons against receipt date & time:

1. Sri K.K.Das
Jr. Manager/Pur/HMBP
2. Sri Lavakush
Asstt. Manager/Pur/HMBP

If the offer is not submitted as per the above instructions the same can be rejected.

Regards

K.K.Das
JM/Pur/MM Division



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Schedule II

Enclosed: DAP NO 98/09 M

1.0 SPECIFICATION OF LIMIT SWITCHES :-

1.1 SPINDLE TYPE GEARED LIMIT SWITCH: -

Metal clad, dust proof, heavy-duty spindle type hoist limit switch, enclosure class IP-55. The switch shall have double break 2NO +2NC contacts rated 10A at 415 VAC. The limit switch shall have gear ratio 1:50 / 1:75 (The exact gear ratio required shall be informed to the successful tenderer). The cable entry shall be suitable for cable gland (3X2.5) sq. mm cable. The switch shall have two nos. of earthing studs with nut and washers.

2.0 SCOPE OF SUPPLY: -

A. 20+20T X 32.4M

Sl. No.	Item code	Description	Qty/Crane	Total Qty.
1	5534104138	Spindle type geared limit switch	2	4

B. 60+60T X 12.1M

Sl. No.	Item code	Description	Qty/Crane	Total Qty.
1	5534104138	Spindle type geared limit switch	2	2

C. 50/10T X 13.9M

Sl. No.	Item code	Description	Qty/Crane	Total Qty.
1	5534104138	Spindle type geared limit switch	2	4

D. 20/10T X 20.6M

Sl. No.	Item code	Description	Qty/Crane	Total Qty.
1	5534104138	Spindle type geared limit switch	2	2



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E. 20/10T X 23.65M

Sl. No.	Item code	Description	Qty/Crane	Total Qty.
1	5534104138	Spindle type geared limit switch	1	1

F. 100/30+5T X 33M

Sl. No.	Item code	Description	Qty/Crane	Total Qty.
1	5534104138	Spindle type geared limit switch	2	4

G. 30/5T X 33M

Sl. No.	Item code	Description	Qty/Crane	Total Qty.
1	5534104138	Spindle type geared limit switch	2	2

2.1 Spares for 2 years of operation (Not in the scope of supply , however itemwise price to be indicated) – Fixed and moving contacts sets for each type of limit switch – 1 no. of each type.

3.0 DRGS. AND DOCUMENTS:-

3.1 The following information shall be furnished by the tenderer along with the offer.

a) Point wise confirmation of our enquiry specifications listing out deviations, if any.

a. Technical leaflet.

b. Dimensional drg

3.2 Within 2 weeks of order placement, 11 copies of the following drawings and documents are to be furnished for approval by our customer or their consultant.

A. GA drg., of the limit switches

B. Contact sequence diagram.

3.3 After approval of the drgs. / documents, firm will submit another 10 sets as distribution copies & one set of reproducible.

4.0 Inspection and Tests

Inspection shall be carried out by our authorized representative as per the inspection procedure and the approved QAP

It may pl be noted that Inspection shall be regarded as a check up and shall be in no way binding on the purchaser.



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Enclosed: DAP NO 235/10 M

1.0 SPECIFICATION OF LIMIT SWITCHES :-

a) COUNTER WEIGHT OPERATED LIMIT SWITCH :-

Counter weight operated, heavy duty shunt type limit switch, dust proof, complete with counter weight, lever, 2 meter of wire rope / chain, fastening arrangement, metal clad switch enclosure class IP-55. The switch shall have double break 2 NC contacts rated 10A at 415 VAC. The cable entry shall be suitable for cable gland (3X2.5) sq. mm cable. The switch shall have two nos. of earthing studs with nut and washers.

1.2 SPINDLE TYPE GEARED LIMIT SWITCH: -

Metal clad, dust proof, heavy-duty spindle type hoist limit switch, enclosure class IP-55. The switch shall have double break 2NO +2NC contacts rated 10A at 415 VAC. The limit switch shall have gear ratio 1:50 / 1:75 (The exact gear ratio required shall be informed to the successful tenderer). The cable entry shall be suitable for cable gland (3X2.5) sq. mm cable. The switch shall have two nos. of earthing studs with nut and washers.

1.3 ROLLER LEVER OPERATED SHUNT LIMIT SWITCH :-

Metal clad, dust proof, heavy duty roller lever operated, spring return type, shunt limit switch, enclosure class IP-55. The switch shall have double break 1NO +1NC contacts rated 10A at 415 VAC. The cable entry shall be suitable for cable gland (3X2.5) sq. mm cable. The switch shall have two nos. of earthing studs with nut and washers.

1.4 ROLLER LEVER OPERATED DOOR LIMIT SWITCH:-

Metal clad, dust proof, heavy-duty roller lever operated, snap action, door limit switch, enclosure class IP-55. The switch shall have double break 1NO +1NC contacts rated 10A at 415 VAC. The cable entry shall be suitable for cable gland (3X2.5) sq. mm cable. The switch shall have two nos. of earthing studs with nut and washers.



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2.0 SCOPE OF SUPPLY: -

Sl. No.	Item code	Description	Qty/Crane	Total Qty.
1	5534104137	Counter weight operated limit switch	1	2
2	5534104138	Spindle type geared limit switch	1	2
3	5534104139	Roller lever operated shunt limit switch	4	8
4	5534104140	Roller lever operated door limit switch	4	8

2.1 Spares for 2 years of operation (Not in the scope of supply , however itemwise price to be indicated) – Fixed and moving contacts sets for each type of limit switch – 1 no. of each type.

3.0 DRGS. AND DOCUMENTS:-

3.1 The following information shall be furnished by the tenderer along with the offer.

- a) Point wise confirmation of our enquiry specifications listing out deviations, if any.
- c. Technical leaflet.
- d. Dimensional drg

3.2 Within 2 weeks of order placement, 11 copies of the following drawings and documents are to be furnished for approval by our customer or their consultant.

- C. GA drg., of the limit switches
- D. Contact sequence diagram.

3.3 After approval of the drgs. / documents, firm will submit another 10 sets as distribution copies & one set of reproducible.

1 **Inspection and Tests**

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Price Format

Sl No	Description	Total Qty	Price/Unit in Rs. (FOR HMBP)	Total price in Rs. (FOR HMBP)
1	Counter Weight operated Limit switch	2		
2	Spindle Type Geared Limit Switch	21		
3	Roller Lever operated Shunt Limit Switch	8		
4	Roller Lever operated Door Limit Switch	8		
Total		39		

Taxes & Duties: