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ISO 9001:2000

HEAVY MACHINE BUILDING PLANT
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Materials Management Division

LIMITED TENDER

NO.HMBP/PUR/2011/961709/EL-2790

Date: 09.04.2011

Dear Sir,

We request you to submit your most competitive offer for the following item as per the given schedule:

ENQUIRY SCHEDULE

Sl. No.	Description of Stores	Unit of measure	Nos. of unit required	Remarks
1	Ultrasonic Sensor, Please refer the enclosed DAP No.72/11M for detailed technical specification	Sets	02	

Note Please submit your quotation in two bid system i.e. **Price Bid & Techno-commercial Bid**.

Schedule of Tender receipt by **25.04.2011 upto 1.00 PM**. Opening of Tender on **25.04.2010, at 3.00PM**
TENDERS must be submitted in sealed cover with Tender No. and the Due date superscribed on it failing which Tenders may be ignored.

Offers to be submitted in two parts.

In case of Two part bids (as mentioned above, the technical and commercial aspects to be sealed in a separate envelope superscribing Part-1 on it., The Price bid to be superscribed as Part - 2)

Special condition if any :

Terms & conditions:

1. The rate quoted shall be inclusive of all packing & forwarding. Freight charges to be mentioned separately.
2. The Price quoted by the tenderer should be exclusive of sales tax. 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 offers made must remain open for acceptance for three months from the date of opening of the tender. Variable price or price variation clause shall not be accepted in any case. Firms offers with price variation clause will not be considered.
4. Unpriced scheduled (blank price format) of items considered in line with scope of supply of tender enquiry shall be furnished alongwith techno-commercial bid.
5. Quotations erased or over written are likely to be rejected unless all corrections are authenticated with the tenderer's signature.

6. Delivery date offered must be specified and guaranteed.
7. Payment terms :100% of the total contract value alongwith 100% taxes and duties shall be released through cheque within 30 days of the receipt of materials complete in all respect alongwith GC,TC, IC, EDGP and original invoice.
8. Full particulars i.e. specification, literature and / or drawing wherever applicable should be submitted alongwith the quotation. The brand and 'Make' name must be Indicated.
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)
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. Earnest Money - Earnest money to the extent of 2% of the total value will have to be deposited by demand draft on the State Bank of India, Ranchi Hatia Branch, in favour of Heavy Engineering Corporation Ltd. Ranchi.- 4 in sealed cover.
14. Security Deposits -successful tenderers will have to deposit security equal to 5 percent of the value of the contract within the desired period. Failing this, the contract will be cancelled at the risk and expenses of the suppliers.
15. 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.
16. 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 Account No. (PAN) (of Income Tax) to be enclosed with the bid.
 17. 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.
 18. The rates quoted shall also be inclusive of embossing on the material. The Ownership namely HMBP / FFP / HMTP should be at a predominant place of the material to a size / thickness upon the volume of the material to a size / thickness upon the volume of the material.

Special .Note:

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

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

Signature of Purchase Executive

HMB RPD	SPECIFICATIONS FOR ULTRASONIC SENSOR FOR PGC-1500H FOR L & T	DAP – 72/11M SHEET 1 OF 1

W.O. No.	0089.001/002.140
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Qty – 2 sets

Material Code – 5533309392

Ultrasonic position sensor having sensing range 0 to 1000 mm and analog output 4 - 20 mA in IP65 protection. The position sensor shall be suitable for 50° C ambient.

The sensor shall comprise of the following:-

- a) Ultrasonic sensor, range – 0 to 1000 mm.
- b) Connector switch with 10 meter cable.
- c) Programming cable for sensor
- d) Software for parameterization of sensor through PLC.
- e) Junction Box, 200 mm X 100 mm X 100 mm made of cold rolled steel sheet of thickness 2 mm with suitable gland plate of thickness 3 mm in IP65 enclosure. The Junction Box shall house SMPS power pack suitable for 110V AC input & 24V, 3A DC output. The SMPS shall be suitable for power supply to ultrasonic sensor. Sufficient nos. of terminal block shall also be provided in the Junction Box.
- f) Firm should also furnish details of connecting cables with rate per meter length.

Note:-

- 1) Firm to furnish details of target with material.
- 2) Dimensional drawings of ultrasonic sensor, connector & junction box with mounting details.
- 3) Firm should confirm that 4-20mA analog output of ultrasonic sensor shall be transmitted to analog input module of PLC at a distance of 500 meter.
- 4) Firm to confirm that ultrasonic position sensor shall be suitable for excessive dusty environment. The environment may also contain suspended grease particle.
- 5) Inspection & Testing

Approved Quality Assurance Plan (QAP) shall be adhered to for any manufacturing/ testing / inspection of the Ultrasonic sensor. The inspection shall be carried out by HEC / L&T/ Client's representative.

- Type Test and routine test reports for all the equipments & accessories covered under bidder's scope of supply shall be submitted.

6) Performance Guarantee

Bidder / vendor shall guarantee that the equipment offered shall meet the performance requirement. In case the system is not able to meet desired performance. the bidder shall rectify / replace it to the satisfaction of HEC / L&T/ CMPDI without any cost implication.