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Heavy Machine Building Plant
(A Govt of India Enterprises)
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Central Purchase/HMBP

No- HMB/PUR/CP/10/111214/OM- 3066

Dated 20-12-2011

Enquiry Schedule

SL No	Description of Material	Unit	Quantity
01	Electronic type weigh bridge 80 T Capacity , pit type , platform size 48'x10'.	No	01

SPECIFICATION OF WEIGH BRIDGE

1. Scope of Work

- 1.1 Scope of work includes supply of weigh bridge consisting of load cells, junction boxes, weighing controller with display , large display , PC , Printer and complete civil works for pit making , making of pit , platform installation of load cells and platform , connection of complete cells and platform , connection of complete system along with load cells cables and aux. Power supply cables, calibration and commissioning of complete system on turnkey basis. The system shall be complete in all respect and it will include all accessories and item required for operation and meeting performance whether specifically mentioned or not.
- 1.2 The electronic weigh bridge shall have required number of load cells, panel mounted microprocessor based weighing controller with 6 digit display , separate 100 mm 6 digit LED large display unit in sheet enclosure suitable for wall mounting.
- 1.3 Weigh Bridge shall be suitable for an ambient temperature of 500 C.
- 1.4 It shall be suitable for auxiliary power supply of 230 V $\pm 10\%$, 50 Hz $\pm 5\%$.
- 1.5 Load cell cables, all connecting power and control cables along with hardware required for wiring is included in the tenderer's scope.
- 1.6 Overall accuracy of the system shall be $\pm 0.025\%$.
- 1.7 Load cells shall have overloadability of 150% without effecting its characteristics and 300% without getting physically damaged.
- 1.8 For archiving data a PC with following specification will be included .

Processor	Intel 2nd Generation Core i5 Processors
Chipset	Intel Q67 Express Chipset
Memory	2 GB 1333 MHz DDR3 SDRAM
Hard Disk Drive	Mimimum 320 GB SATA, 7200 RPM
Monitor	18.5 “ Widescreen Flat Panel Monitor
Keyboard	USB Keyboard
Mouse	USB Optical Scroll Mouse
DVD Drive	16 X DVD +/- RW with dual layer writing capacity
Networking Facility	Integrated 10/100/1000 Ethernet LAN (Intel or OEM)
I/O Ports	Min 6 USB 2.0 Ports (atleast 2 in front),1 Serial ; 1 RJ-45; 1VGA ;PS/2 ; 1 Parallel , 2 Line-in (stereo/microphone), 2 Line-out (headphone/speaker)
Operating System	Window 7 Home Basic or with XP pro 32 bit
Warranty	One year with all necessary cables , OS & drives on separate media
Preferred make	HP/Dell/Lenovo/HCL/Compaq/Wipro

1.9 One no dot matrix printer, 80 Column, 9 Pin shall be included , printer will print data as follows-SL No, Vechile No, Vechile Type, Suppiler's name , material, gross weight, tare weight, net weight, time ,data etc.

Preferred make – HP/EPSON/Wipro

1.10 One no UPS 600 VA offline, with 15 minute back-up and internal SMF battery shall be included .

1.11 Necessary furniture (table, chair etc) for operator and console ,PC, printer shall be included .

1.12 All necessary software required shall be included in the scope of supply.

1.13 Complete civil works for pit making of bit , making of platform , installation load cells in pit and installation of platform with all accessories shall be included in the scope of work .

1.14 All Commissioning spares required shall be included in the scope.

2. Information to be furnished with the offer :

Following information shall be furnished with the offers otherwise offer may be ignored.

2.1 Drawing for the pit indicating details of pit making

- 2.2 Schematic drawing showing connection of load cells, junction boxes, weighing controller , PC and printer.
- 2.3 Space required for making pit.
- 2.4 No of load cells considered along with their installation arrangement and capacity of each load cells and data sheet for load cells to be indicated.
- 2.5 Technical datasheet , make,type, numbers and capacity of loadcells considered.
- 2.6 Configuration diagram showing connection of loadcells, junction box,platform, PC, Printer, UPS.
- 2.7 Make of all items
- 2.8 Reference list of Weigh Bridge installed with their capacities.
- 2.9 Details of atleast 2 Nos of similar system installed which is working for atleast last 2 years.
- 2.10 List of furniture included .
- 2.11 List of 2 years operational spares with itemwise price for the following items .
 - a) Load cell – 2 Nos
 - b) Controller Card – 1 No of each type.

1. Drawing /documents from successful tenderer:

The successful tenderer shall submit following drawing/documents.

1. Civil drawing for pit making with bill of materials.
2. Block Schematic diagram showing loadcells junction box, Platform , PC , Printer, UPS etc.
3. Technical data sheet of load cells, weighing controller , large display ups. 4.
4. Configuration of PC and Printer.
5. Bill of material for the complete system.
6. Operational & Maintenance manual.

Additionally all the above drawing /document in CD in AutoCAD Format.

1. Testing :-

Routing test shall be carried out as per IS:9281 in presence of representative of HEC.

Schedule of Tender receipt by **05.01..2012 upto 1.00 PM**. Opening of Tender on **05.01.2012**, 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 :

NOTE:

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.
4. Quotations erased or over written are likely to be rejected unless all corrections are authenticated with the tenderer's signature.
5. Delivery date offered must be specified and guaranteed.
6. Full payment will be made after 30 days of the receipt of supplies at destination duly inspected.
7. 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.
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 website (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 (if indicated above specifically) - 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.
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13. 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.
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. 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.
 16. 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.
 17. 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.

Signature of Purchase Executive