

Phone : +91-40-27146073

Fax : +91 -40-27182714, 27182651

E-mail : ybbose@ecil.co.in

**Electronics Corporation of India Limited**

A Government of India Enterprise

रेडिएशन डिटेक्टरस एवं उपकरणिकरण प्रभाग (विपणन)

RADIATION DETECTORS & INSTRUMENTATION DIVISION-PURCHASE

ECIL Post, Hyderabad - 500 062.

Ph:

e-mail:

EXTRA COPY

ENQUIRY No. EC/RID/PUR/

10/560010DATE : **2014.05.09**DUE DATE : **2014.05.26****Contact: YVVS.B. BOSE**

Dear Sir(s),

Kindly submit your quotation in a Sealed Envelope Superscribing Enquiry No. and Due Date for the supply of the following items as per terms and conditions overleaf to IN-CHARGE, PURCHASE- RID, ECIL, HYDERABAD-62. QUOTATIONS AGAINST EACH TENDER SHALL BE SENT IN SEPARATE ENVELOPE. QUOTATIONS RECEIVED AFTER THE DUE DATE AND TENDERS SENT IN OPEN/UNSUPERSCRIBED ENVELOPE WILL BE REJECTED. PLEASE SEND REGRET LETTER, IF YOU ARE NOT ABLE TO QUOTE TO CONTINUE TO KEEP YOUR NAME IN OUR MAILING LIST.

IMPORTANT INSTRUCTIONS

Parties must give the following information otherwise offer may be rejected.

- Unit Rate and Terms of price
- Quantity discount if any
- Rate of Excise Duty, Sales Tax if any
- Firm Delivery schedule
- Mode of despatch
- Estimated Packing and Forwarding Charges
- Validity of quotation
- Terms of payment
- Sales Tax Registration Number/
VAT and Service Tax Regn. No
- SSI/NSI Regn. No.

Sl.No.	Material Description and Specification	Estimated Requirement	
		Unit Code	Quantity
1	ENGINEERING, FABRICATION, ASSEMBLY, WIRING, TESTING, SUPPLY AND INSTALLATION & COMMISSIONING OF VAPOUR BASED ONLINE HEAVY WATER LOSS MONITORING SYSTEM CONSISTING OF ITEMS AS PER ANNEXURE <u>Special Notes.</u> 1. PLEASE QUOTE YOUR BEST OFFER IMMEDIATELY. (INDIAN ORIGIN VENDORS SHALL SUBMIT QUOTES IN COVERS WITH PROPER SEALING . COVERS RECIEVED WITHOUT PROPER SEALING WILL BE REJECTED). 2. THE TENDER DUE DATE IS 26-05-2014. THE TENDER CLOSES ON THIS DAY AT 16.00 Hrs. THE TENDER WILL BE OPENED IMMEDIATELY AFTER TENDER CLOSING TIME. HENCE, PLEASE SUBMIT QUOTE ACCORDINGLY. 3. THE TECHNICAL SPECIFICATIONS, TERMS & CONDITIONS, NPCIL GENERAL CONDITIONS OF CONTRACT AND INSTRUCTIONS & COMMERCIAL CONDITIONS ARE ATTACHED. PLEASE GO THROUGH THEM THOROUGHLY AND QUOTE. DEVIATIONS ON COMMERCIAL TERMS ARE NOT ALLOWED.	Sets	1.00

- NOTE:**
- CERTIFICATE OF COMPLIANCE/BATCH CERTIFICATE / COC/CMRI/ATX/WARRANTY TEST CERTIFICATE SHALL BE FURNISHED. PLEASE CONFIRM.
 - DATA SHEETS (CATALOGUES) SHALL BE SUPPLIED WITH THE QUOTATION.
 - IF THE MATERIAL IS COVERED UNDER DGS & D RATE CONTRACT. PLEASE QUOTE THE RATES ACCORDINGLY.
 - IF THE MATERIAL IS COVERED UNDER EXCISE, FURNISH EXCISE TARIFF NUMBER AND CLASSIFICATION.

Yours faithfully,

For Electronics Corporation of India Limited

यववस.बी. बोस
YVVS.B. BOSE
 उप महा प्रबंधक/Dy. General Manager
 आर आई डी/क्रय/ई सी आई एल
 RID/PURCHASE/ECIL
 हैदराबाद/HYDERABAD-500 062.

INDENT NO: 560010

ANNEXURE

SL No		Description	QTY
I		Engineering, Fabrication, Assembly, Wiring, Testing, Supply and Installation & Commissioning of Vapour Based Online Heavy Water Loss Monitoring System consisting of following items as per the specification PC - E - 566 Rev. No. 1 attached	
	1	Vapour Based Online Heavy Water Loss Monitoring System for Reactor Building (RB)	5
	2	Vapour Based Online Heavy Water Loss Monitoring System for Stack	2
		Mandatory Spares Vapour Based Online Heavy Water Loss Monitoring System	
	3	<i>Cards/Modules (One Set includes one card/module of each type)</i>	6
	4	IR Source	12
	5	IR Detectors	6
	6	IR Filter Set	4
	7	Diaphragm Pump	12
	8	IR Source DC Power Supply	4
	9	Vapour Analyser AC Power Supply	2
	10	Vapour Analyser Signal Processing Unit	2
	11	Ball Valve - 1/2" (FNPT Line Mounted type)	4

Arac
27/3/14

73

Indent No: 560010

Terms & Conditions

1. Components/materials used in the equipment shall meet the component policy Spec no: PP-E-2061. Copy of above specifications is enclosed.

2. EMC Test:

One Monitor (Electronic Unit) of **Item no:1** shall be tested for EMC as per NPCIL engineering standard PC-E-710 for EMC qualification of C&I equipment.

Temporary degradation of performance is accepted during the test. However after test temporary degradation of performance shall be self-recoverable and Monitor shall continue to function (i.e. Class-B qualification).

Climatic test:

One Monitor **Item no:1** shall undergo climatic testing as per IS-9000 part III and part V. The Tested Monitor shall be marked and handed over to ECIL along with supply. EMI/EMC and Climatic test charges shall be quoted separately

3. Vendor need to provide the QA plan and Acceptance Test Procedure ATP along with quotation including spares, Tests on Prototype and tests on bulk quantity. Manufacturer shall submit a detailed test procedure for approval by ECIL/NPCIL to test all the requirements given in this specification. The manufacturer shall submit a detailed Quality Assurance Plan (QAP) based on the above including additional tests if any, required to meet the intent of this specification for approval before commencement of fabrication. The supplier shall submit 3 sets of all the detailed fabrication drawings and test procedure for approval by ECIL/NPCIL before commencement of fabrication.
4. The blank PCB's used in the equipment shall be manufactured from LCSO/NPCIL approved sources.
5. The supplier should provide along with the quotation copies of test reports and test results of environmental tests if already carried out by them on models of equipments offered against this enquiry.
6. The supplier should provide along with the quotation test reports of EMI / EMC tests if carried out on models of equipments offered by them.
7. Installation and commissioning of the equipment at KAPP 3&4 site and RAPP 7&8 is in the scope of supplier. ECIL will extend logistics support during installation.
8. IHD (Instrument History Docket) shall be submitted with the equipment.
9. Required training has to be provided to NPCIL/ECIL engineers on operation/ maintenance of the Equipment.

10. The equipment shall be guaranteed against defects arising due to design faults, material, Workmanship, poor packing and damages during transportation, handling, storage etc. and for trouble free operation for a period of one year from the date of satisfactory commissioning of the unit site and final acceptance by NPCIL.
11. The supplier shall also carryout repair/rectification of failed component free of cost at site during the warranty period with required spares and components
12. The supply should also provide an undertaking for repair of equipment at least for a period of 5 years, supply of components for a period of 10 years after the warranty period.
13. The Supplier's liability for latent defects warranty for the plant and equipments including spares shall be a for a period of five (5) years from the end of warranty period.
14. Since the supplies are for NPCIL, General conditions of contract of NPCIL GCC/EPC-3 R-1 is applicable for supplies against this requirement
15. The supplier should provide 12 sets of copies of instruction manuals as hard copies and 6 sets of soft copies and 8 copies of test reports for various types of equipment. The supplier should indicate the details of contents that they propose to give in the manuals.
16. The supplier should indicate in his offer, point wise compliance to all the points in specification indicated in the enquiry. Offer without this statement will not be considered.
17. The inspection shall be carried out at supplier works as per the mutually agreed QA plan to meet the customer hold points of the QA plan.. Tests for which facilities are not available with the supplier, the same shall be arranged by the supplier at reputed test laboratories approved by NPCIL
18. Supplier should have supplied the equipment in sufficient quantities for any of the nuclear power plants and shall have a good record of performance. The supplier shall submit documentary evidence of having supplied the equipment.
19. The inspection shall be carried out at supplier works as per the accepted QA plan to meet the customer hold point of QA plan. Tests for which facilities are not available with the supplier, the same shall be arranged by the supplier at reputed test laboratories approved by NPCIL
20. Supplier should have supplied the equipment in sufficient quantities for any of the nuclear power plants and shall have a good record of performance. The supplier shall submit documentary evidence of having supplied the equipment.

INSTRUCTION AND COMMERCIAL CONDITIONS:

ENQUIRY: 560010

1. The quote is to be submitted on or before the due date mentioned.
2. The BID is of TWO PART BID Mechanism.

Viz: Technical Bid (Part-A) and Price Bid (Part-B)

TECHNICAL BID SHALL CONTAIN:

- a) Technical Data.
- b) Unpriced Bid
- c) Compliance to our commercial conditions.
- d) Compliance to our Technical Specifications.
- e) Details of similar orders executed during past 3 years.
- f) Copies of Balance sheet, P&L account and IT returns for past 3 years.

THE PRICE BID SHALL CONTAIN:

- a) PRICE

3. We require validity of 30 days from the date of opening of Price Bid.
4. We require the Delivery of items within 6 months of receipt of purchase order by you. Subsequently, I&C shall be completed within 1 month of intimation of readiness of site.
5. Please confirm about delivery schedule in your offer. The Standard Liquidated Damages clause is applicable for Delay in Deliveries. The Clause Read as " In the Event of any delay in deliveries beyond agreed schedule, Liquidated Damages will Be recovered @ 1/2% per week subject to a maximum of 5% on undelivered portion".
6. Please quote for free delivery at our stores.
7. **EMD(Earnest Money Deposit):**
EMD Rs.2,00,000/- is applicable. Please submit EMD in the form of DD or Bank Guarantee along with Your technical Bid. If EMD is not submitted, bid will not be accepted.
8. **Security Deposit:**
Security Deposit of 10% of order value and valid till execution for contract performance is required to submit immediately after receipt of order security deposit can be submitted in the form of DD or Bank Guarantee.
9. **Payment Terms:**
 - a) 80% payment+taxes shall be paid within 60 days of receipt of material at ECIL.
 - b) 10% payment shall be paid within 30 days of acceptance of material at ECIL.
 - c) 10% payment shall be paid after completion of warranty period and within 30 days of receipt of supply material invoice. Alternatively, this payment can be made against submission of BG for equal amount valid till warranty period.
10. The standard risk purchase clause is applicable to this requirement. The clause read as "In the event of failure to comply with the purchase order terms & conditions, ECIL has right to cancel the order and proceed with an alternate source. In such case, you shall have to bear the extra cost incurred by us which will be recovered from your available credit". Please convey your acceptance in your quote.
11. **ARBITRATION:**
 - (b) Any dispute arising out of contract/purchase order or interpretation of any clause or terms & Conditions here of shall be settled through conciliation by both the purchaser and the supplier under the specific provisions of arbitration & conciliation act 1996.
 - (b) In case the conciliation fails, the parties are at liberty to pursue other available lawful options.
 - (c) Only courts in Ranga Reddy District, Andhra Pradesh have exclusive jurisdiction over this order/contract, notwithstanding the claim for concurrent jurisdiction of other courts.
12. Certificate of compliance in triplicate shall be submitted along with dispatches stating that the material supplied are in accordance with the specifications relevant to this order.
13. Please comment on each of above clauses, terms & conditions, NPCIL general conditions of contract and on technical specification enclosed, in your offer without fail.

Y.V.V.S.B. BOSE
09-05-2012
वाई.वी.वी.एस.बी. बोस
Y.V.V.S.B. BOSE
उप महा प्रबंधक/Dy. General Manager
आर आई सी/क्रय/ई सी आई एल
RID/PURCHASE/ECIL
हैदराबाद/HYDERABAD-500 062.