

Our Ref: NROL(C)/07-08/NC002C005

Date:29.05.2007

Subject: SUPPLY OF ELECTRONICS ANALYTICAL BALANCE

Dear Sirs,

Technical & Commercial Bids are invited for the supply of **ELECTRONICS ANALYTICAL BALANCE** from nationally reputed & bonafide manufacturers/authorized dealers in separate SEALED covers, which should reach the undersigned latest by 1200 h, on **28th June 2007**, at the following address:

BUREAU OF INDIAN STANDARDS
Northern Regional Laboratory,
Plot No. B-69, Phase-VII,
Industrial Focal Point, Mohali,
Punjab – 160 051.

- A. Instructions, Terms and conditions of supply, etc are given in **Annex-I, II & III**.
- B. The detailed Specification(s) of the above mentioned equipment(s)/item(s) are given in **Annex-IV**.
- C. The technical Bids shall be opened in the Conference Hall, at the address mentioned above at 1600 h on **28th June 2007** and in the presence of such tenderers or their duly authorized representatives, who may like to attend.
- D. Please note that the envelopes containing Technical & Commercial Bids are sealed properly i.e. either wax sealed or with adhesive cello tape on both ends. **Unsigned Bids, Unsealed/stapled envelopes** and bids **without EMD** shall be summarily rejected. **No exemption** whatsoever for payment of EMD shall be accorded.
- E. This office reserves the right to reject any /all bids without assigning any reasons whatsoever. Late tender will not be accepted by any means & this office will in no way be responsible for any reasons of late submission of bids.
- F. The specification and terms & conditions can also be downloaded from BIS Website – www.bis.org.in

Thanking you,

Yours faithfully,

-Sd-
**Scientist-F & Head
(NROL)**

Encls: as above

**BUREAU OF INDIAN STANDARDS
(NORTHERN REGIONAL LABORATORY)**

Our Ref: NROL(C)/07-08/NC002C005

ANNEXURE-I

INSTRUCTIONS TO BIDDERS

1. Sealed tenders are invited (under two bid system i.e. Technical Bid and Financial Bid, for details please see Annexure-II) separately from reputed manufacturers and their accredited/sole selling agents for the "Supply, Installation, Commissioning and Satisfactory Demonstration" of ELECTRONICS ANALYTICAL BALANCE (For detailed specifications, please see Annexure-IV).
2. **Security Bid (EMD)** – Rs 5000.00 (rupees five thousand) may please be sent in the form of a Crossed/Account payee demand draft from a Nationalized Bank, payable at Chandigarh/Mohali in favour of "BUREAU OF INDIAN STANDARDS". The Demand Draft of the EMD be placed inside a separate sealed envelope clearly marked 'EMD' on the right hand side corner of the envelope and be stapled along with the sealed envelope containing the Financial Bid.
3. **TENDER DOCUMENT:** Bidders may download the Tender Notice, specifications, terms & conditions.
4. Tenders not accompanied with '**EMD**' shall be summarily rejected.

Last date for receipt of Bids is: **28-06-2007 (1200 hrs)**

Date of opening of Technical Bids is: **28-06-2007(1600hrs)**

(N.B: In the event of any of above date(s) being declared a holiday, the last date of submission of completed bid(s) shall be on the next working day.)

5. The tenders should be addressed to:

**Head
Northern Regional Laboratory (NROL),
BUREAU OF INDIAN STANDARDS,
Plot No. B-69, Phase-VII,
Industrial Focal Point,
Mohali 160051, Punjab.**

Phone No.0172-3246935, 2236722. FAX No.0172- 2237212, 2236722

e.mail: nrol@bis.org.in

BUREAU OF INDIAN STANDARDS
(NORTHERN REGIONAL LABORATORY)

ANNEXURE-II

DETAILS OF TERMS AND CONDITIONS OF CONTRACT

Our Ref: NROL(C)/07-08/NC002C005

1. The BUREAU gives FIRST PREFERENCE in its purchase to goods bearing ISI CERTIFICATION MARK and second preference to those which conform to the relevant Specifications.
2. The Tenderers are requested to give detailed tender in their own forms in two bids i.e.

Part - A: Technical Bid. 2 copies

Part - B: Financial Bid. 2 copies

(1st copy – in original, 2nd copy – Photostat Copy)

The Technical & Financial Bids should be sealed and sent separately in sealed envelopes. Such Bids shall remain valid for a period of 180 days from the date of opening.

3. The Date and Time of opening for Part B (Financial Bid) will be intimated only to prequalified and technically acceptable tenderers for the item at a later date.
4. Quotations/Bids, qualified by indefinite expressions as “Subject to immediate acceptance, Subject to prior sale”, etc. and incomplete quotations are liable to be summarily rejected.
5. Each tender document shall be accompanied with EMD of Rs 5000.00 (rupees five thousand) . The demand draft (from a Nationalized Bank) for the EMD amount shall be drawn in favour of BUREAU OF INDIAN STANDARDS payable at Chandigarh/Mohali. The sealed envelope containing EMD should be superscribed “**EMD**” and stapled separately with the envelope containing the commercial Bids. The Earnest Money of successful bidder will be returned only after installation, commissioning, satisfactory demonstration and acceptance of the equipment by the user Scientist/Head as per the terms of our purchase order. The Earnest Money of the unsuccessful bidder whose technical bid has not been found suitable will be returned. Earnest money deposit shall be liable to be forfeited, if the successful tenderer withdraws the tender after opening.

6. (A)Tenders not accompanied with Demand Draft/Bank Guarantee towards “Earnest Money Deposit” will summarily be rejected.
(B) Tenders, which are submitted without following the Two-Bid Offer System, will summarily be rejected.
(C) Unsigned Tenders will also be rejected.
7. TECHNOLOGY CERTIFICATES
The supplier should issue a certificate stating that :
 - a) The equipment is of latest technology :
 - b) The equipment may be upgraded as and when required by BIS.
 - c) The equipments will be promptly and properly serviced by them whenever desired by BIS even after 10 years of its procurement/installation by BIS.
8. Conditional Offers will not be considered.
9. BIS shall pay 90% of the cost after satisfactory supply installation & commissioning and the Balance of 10% as contract performance security would be paid after expiry of warranty period. Supply means “Supply, Installation, Commissioning and satisfactory demonstration of the whole system and training”.
10. BIS will not provide any accommodation/transportation for the Engineers/ Representatives for attending Installation, Commissioning and Demonstration Work. It is the absolute responsibility of the Principal Supplier/Indian Agent to make their own arrangements.
11. WARRANTY: The equipment is to be guaranteed for trouble free performance for a **minimum period of two years** after installation. The warranty period of the equipments may be stated clearly in the Technical Bids. In case the same is not found stated, it will be presumed that warranty period as mentioned in their respective specifications of the tender document (if specified), is applicable. Supplier shall also submit Annexure-III duly stamped and signed.
12. The defects, if any, during the warranty period are to be rectified free of charge by arranging free replacement wherever necessary.
13. Indicate the name of firm, address, contact person, phone no. and fax no. etc of onsite warranty, agency who shall maintain during warranty and undertake Annual Maintenance Contract/Comprehensive Service Maintenance Contract beyond warranty shall be given in the technical bid. In case of foreign quote, the Indian Agent who shall maintain during warranty and AMC beyond warranty shall be given in the Technical Offer.

14. The supply of spare parts is to be guaranteed at least for a period of 10 years after the supply of the equipment.
15. Please mention clearly in the Technical Bids regarding address of arrangements for service/repair of the equipments available. Suppliers having such arrangements near Chandigarh/Mohali would be preferred.
16. The Equipments are required to be installed at locations indicated in the Tender Notice and subsequently training is to be provided free of cost to the concerned scientists/testing personnel on site, wherever necessary.
17. Tenders complete in all respects for each item should be submitted separately for Technical as well as Financial bids as follows:
- One sealed envelope superscribed "Technical Bid" will contain only the Technical Specifications of the indented equipment as per details in Annexure-IV of this document.
 - A Second sealed envelope superscribed "Financial Bid" will contain only the financial bid in which price (alongwith warranty) and 3 year comprehensive warranty charges, Annual Maintenance Contract Charges [AMC] etc. and any other information, which has financial implications, will only be given. The Demand Draft of the EMD be placed inside a separate sealed envelope clearly marked 'EMD' on the right hand side corner of the envelope and be stapled along with this sealed envelope containing the Financial Bid. However, the EMD of the successful Bidder may be adjusted against Performance Bank Guarantee.
 - Both the above sealed envelopes are to be kept in a sealed envelope, superscribed as Tender No _____ for _____ (Item/Name) due on _____ 2007 and duly sealed.
18. The **Technical Bid [Part A]** should accompany complete specification, Manufacturer's name, address and following details :
- Declaration regarding expected life span of equipment and accessories
 - List1: list of standard accessories being provided with equipment should be given separately.
 - List2: list of optional and any other essential items/accessories required for the maintenance of the equipment for the next three years.
 - List3: list of infrastructural facilities and consumables to be arranged by the Bureau for commissioning of equipment,
 - List4: list of the Users in India with complete postal address to whom the similar equipment has been supplied,
 - Near locations in India from where after sales services shall be provided along with the name of Servicing Agent,

- g. Technical Literature of the equipment along with necessary photograph/ drawings, if any,
- h. Signed copy of terms and conditions (all pages to bear signature of authorized signatory and duly stamped) denoting that the terms and conditions stipulated by the Bureau are acceptable. Deviations if any to be detailed out in deviation sheet, however the same will be accepted subject to the decision of the Competent Authority of the Bureau. In case there are no deviations it should be filled up as 'Nil' in the deviation sheet. In case deviation sheet is not filled up it will be presumed all terms and conditions are acceptable and no query will be entertained at a later stage.
- i. Specification sheet duly filled in with all details.
- j. Special preferences/conditions, if any, should be indicated in Specification sheet for the equipment.

19. Cost of the items should be mentioned clearly in the **Financial Bid [Part-**

B]. The following details need to be included:

- a. Price break-up of main equipment and optional accessories (as per the specification) and consumables (for the accessories and consumables which are not part of the standard equipment) to be supplied by the party,
- b. The Comprehensive warranty charges for next three years after the expiry of warranty period,
- c. The **rates quoted shall be valid for a period of 180 days from the date of opening of the tender.** However wherever applicable the current value of the foreign currency would be applied at the time of placing the order.
- d. Packing, Forwarding, Freight & Insurance and Commissioning Charges, if any extra, may be quoted separately in Financial Bid.
- e. In case your quote is F.O.R./F.O.B. basis, estimated insurance coverage charges may be indicated.
- f. CIF (Carriage Inward & Freight), at site value both by Airfreight and Ocean freight, where applicable.
- g. The Bids should clearly give break-up of cost of each equipment. The rates quoted should separately indicate Basic Cost, Excise Duty, Sales Tax, P&F charges, Freight, Insurance, VAT etc. Rates quoted should specifically state Sales Tax, Excise Duty or any other taxes/charges. In absence of any such stipulation, it will be presumed that the prices include all such charges and no claim for the same shall be entertained. Form C/D shall not be provided by BIS.
- h. Discount offered for buy back should be mentioned clearly in the financial bid only (see clause 5.0 of annex-IV). Equipment(s) shall be considered for replacement with new instrument on buy back

basis and "As is where is basis". Removal of old instruments shall be sole responsibility of instruments supplier.

20. In case of foreign quote, the Principal supplier should clearly indicate the address of the Indian Agent and percentage (%) of Agency Commission payable if any, to be paid to the Indian Agent in Indian Currency.
21. Indicate the names and addresses of the Indian reputed Organizations where you have supplied the similar equipment and may attach the satisfactory performance report of the equipment from user Organization.
22. **(A)** If you have supplied identical or similar equipment to Govt Labs. /Institutes with details of contact person, phone numbers, fax, e.mail i.d., for such supplies for the preceding three years should be given together with the prices eventually or finally paid.
(B) Based on the above information BIS will have its option to obtain details of the equipment, their performance, after sales services etc. for evaluation of the tender, directly from the concerned Labs/Scientists etc.
(C) Clause by clause compliance with the technical specification in this tender is required. Deviation from the specification, if any, an better alternative offer by the supplier and suitability to substitute the specified conditions must be clearly brought out.
(D) Technical specification shall be as per the requirements laid down. However, any deviations offered may be considered by the Technical Committee subject to suitability and the needs of the Organisation.
(E) The specifications of equipments, have been specified at Annex-III. However, bidder(s) may be required to arrange practical demonstration of equipment/model(s) quoted by them before finalization of order.
(F) The Bidder has to state in detail the Electrical Power/UPS requirements, floor space, head room, foundation needed and also to state whether Air-conditioned environment is needed to house the system and to run the tests. i.e. pre-installation facilities required for installation may please be intimated in the technical bid.
(G) Bidder shall be responsible for installation/demonstration wherever applicable and for after sales service during the warranty and thereafter.
23. Fax / E-mail / Telegraphic / Telex tenders shall not be considered.
24. All the Bank Charges inside and outside India, including opening of LC, communication, confirmation, amendments etc., will have to be borne by supplier only.
25. If applicable, with regards to terms of payment including period of warranty, we prefer to release the payment on BILL Basis (excluding Indian Agency Commission) after receipt of consignment in good condition and satisfactory installation, and commissioning thereof. Alternatively,

depending upon the value and foreign exchange regulations the payment can also be considered through Sight Draft / Letter of Credit through the State Bank of India/Punjab National Bank for the order value excluding the Indian Agency Commission. However, the detailed payment for Sight Draft / Letter Credit is mentioned above in this tender terms and conditions.

26. Details of after-sales services offered by you are to be made clear in the tender.
27. The delivery of the stores is required to be made within 30 days of receipt of order. If, it is not possible for you to affect delivery within the period, you are required to specify the date by which you can guarantee delivery of the stores. Delivery period mentioned in the Purchase Order should be strictly adhered to. Otherwise the tenderer will forfeit EMD, after maximum 10 days of the last date of delivery.
28. All goods received would be subjected to inspection, by BIS before or after receipt or commissioning (as applicable) and the decision of BIS shall be binding. Rejected items/goods/stores shall be removed by the supplier at his own cost and risk, within 30 days of receipt of notice for the removal of such goods, and no liability, whatsoever, on the Bureau shall be attached for the rejected/disapproved goods/items/stores.
29. The Bureau takes no responsibility for delay, loss or non-receipt of tenders after dispatch.
30. In case of non compliance with the Terms & Conditions of the contract, the Bureau reserves its right to:
 - a. Cancel/rescind/revoke the order if supply is not made in time and is not conforming to the required specification.
 - b. Impose Penalty up to 1% of the total value of the order for a delay of every seven days after the schedule date subject to the ceiling of a maximum of 10% of the total value of the order.
31. Goods should not be dispatched until the Vendor receives a firm order.
32. Firms which have already supplied similar equipment to BIS shall indicate details of installation/commissioning.
- 33. Printed conditions of the quotation will not be binding on BIS.**
34. BIS will not be responsible:
 - a. For delayed / late quotations submitted / sent by Post / Courier etc.
 - b. For submission / delivery of quotations at wrong places other than this office.

- c. Deviation from prescribed conditions without justifications will render tenders for rejection.

35. All question, disputes or differences arising under, out of or in connection with this Bid document shall be subject to the exclusive jurisdiction of Chandigarh /Mohali Court

36. The Bureau reserves the right to accept any tender in full or in part or to reject the lowest or any or all tenders without assigning any reason.

-sd-

Scientist-F &Head
Northern Regional Laboratory
Bureau of Indian Standards.

Annexure-III

We warranty that everything to be supplied by us hereunder shall be brand new, free from all defects and faults in materials, workmanship and manufacture and shall be of the highest grade and quality and consistent with the established and generally accepted standards for material of the type ordered, shall be in full conformity with the specification, drawing, or samples, and operate properly. We shall be fully responsible for its efficient operation. This warranty shall survive inspection of and payment or, and acceptance of the goods, but shall expire (except in respect of complaints of which the contractor has been notified prior to such date) 24 months after their successful installation, commissioning and acceptance by BIS.

The obligations under the Warranty expressed above shall include all cost relating to labour, spares, maintenance (preventive and unscheduled) and transport charges from site to the manufacturer's works and back and free repair/adjustment or replacement at site or any parts of the equipment which under normal and proper use and maintenance proves defective in design, material or workmanship or fails to conform to the specification previously given by BIS to the contractor.

Signature of the
Vendor

Date: _____

Place: _____

ANNEXURE-IV
(SPECIFICATION SHEET)

Procurement of equipment for NROL, Chemical section under Modernization Plan.		
Code Number: NC002C005		
Equipment Name: ELECTRONICS ANALYTICAL BALANCE		
Quantity: 1		
SI. No.	NROL SPECIFICATION	BIDDER'S RESPONSE (Bidder shall indicate "Complied" or "Non Complied" as applicable in each row. In case of "Non Complied", detail shall be mentioned)
1.0	<u>Instrument Specification</u> Capacity Upto 320 gm. Least count 0.1mg Readability 0.1mg or better Repeatability 0.1mg Linearity 0.4 mg/or better Calibration (internal) Fully automatic, time/temperature controlled Self adjustment Balance must be provided with calibration Certificate having traceability to National or International Standard. Calibration shall also be done on site after installation. Calibration (external) Adjustable with external weight	
2.0	FEATURES	

Procurement of equipment for NROL, Chemical section under Modernization Plan.			
Code Number: NC002C005			
Equipment Name: ELECTRONICS ANALYTICAL BALANCE			
Quantity: 1			
Sl. No.	NROL SPECIFICATION		BIDDER'S RESPONSE (Bidder shall indicate "Complied" or "Non Complied" as applicable in each row. In case of "Non Complied", detail shall be mentioned)
2.1		LIMS compatible	
2.2		Built in alphanumeric input printing protocol for attachment of printer/PC	
2.3		Capable of operations by multiple users without disturbing their settings	
2.3		The manufacturer to provide specification data needed to facilitate calculation of Uncertainty	
2.4		Fine range should be utilized up to full capacity of the Balance by tareing.	
2.5		Protecting cover enclosing the entire housing	
2.6		Backlit display.	
2.7		Dynamic weighing with automatic/normal start.	
2.8		Application for " % weighing".	
2.9		Standard RS232C interface for attachment to PC or printer.	
		Standard weights having traceability to National/International Standards (Optional)	
3.0	ADDITIONAL ITEMS		
		Vibration adaptor for damp influence due to vibration & minor shocks.	
	Standards Weights	Standard weights having traceability to National or International standards (optional).	
	Manual	Operation and maintenance manual for each unit.	
	Service manual	Service manual with set of required tools for each system/unit.	

Procurement of equipment for NROL, Chemical section under Modernization Plan.						
Code Number: NC002C005						
Equipment Name: ELECTRONICS ANALYTICAL BALANCE						
Quantity: 1						
Sl. No.	NROL SPECIFICATION				BIDDER'S RESPONSE (Bidder shall indicate "Complied" or "Non Complied" as applicable in each row. In case of "Non Complied", detail shall be mentioned)	
	Spare parts catalogue	One set				
	Trouble shooting charts	Trouble shooting charts of all sub units				
	Data Communication	necessary port, cable and software must be provided; but PC is not required to be supplied.				
4.0	GENERAL CONDITIONS OF SUPPLY	1. The instrument and all its sub units should operate on 230 ± 10 volts 50 Hz power supply. 2. All the operation and maintenance manuals, circuit diagrams, application notes and application software to be supplied should be in English language. 3. System should come with 24 months warranty.				
5.0	BUY BACK	S.No.	Year of Purchase	Detail	Make	Location
		1.	82-83	Model-H51AR Range –upto200g Least count 0.1mg	Metler	Chemical lab.
		2	90-91	Model-Afcoset ER Range 32-160g Least count 0.01/0.1mg	Afcoset	do