

रजिस्ट्री पोस्ट द्वारा

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समी पत्राचार निदेशक, एनएएल के नाम पर
ही लिखे जाएं किसी अधिकारी के नाम पर नहीं।



राष्ट्रीय वांतरिक्ष प्रयोगशालाएँ
कोडिहल्ली, एयर पोर्ट रोड, बेंगलूर-560 017, भारत
National Aerospace Laboratories
KODIHALLI, AIR PORT ROAD, BANGALORE - 560 017, INDIA

By Registered Post

Phone : 25086040 / 41, 25273351-54

Fax : (080) 25269611, 25270670, 25260862

E-mail : purchasek@nal.res.in

All communications to be addressed to the
Director, NAL and not in the name of any officer

कोटेशन हेतु निवेदन / REQUEST FOR QUOTATION

From:

By Post / Courier / Fax

Director,
National Aerospace Laboratories
PB No. 1779, HAL Airport Road,
Bangalore-560 017

Tender No.

NAL/PUR/STTD/356F/17-X

Date:

02.03.2018

To:

Due Date & Time for Submission of quotation:

On or before 16.03.2018
10.00 Hrs (IST)

Date & Time for Opening of Quotation:

On or before 16.03.2018
11.00 Hrs. (IST)

Dear Sir /

Sealed Quotations are invited in favour of the Director, CSIR - National Aerospace Laboratories, Kodihalli, PB No. 1779, HAL Airport Road, Bangalore - 560 017, for the supply/installation of the following items for the use in R&D activities:

Sl.No	Description of Item	Unit	Quantity
1	Strain Calibrator (As per specification attached)	No	1

- 1) **Delivery Period & Delivery Place:** Within 30 days from the date of PO at NAL, Bangalore
- 2) Terms & Conditions on which the Order will be placed mentioned at enclosed **Annexure - A.**
- 3) Please send your sealed quotation within schedule date & time as per the Terms & Conditions mentioned at **Annexure - A.** No deviations will be accepted.

Yours faithfully,


Section Officer (S&P) / SPO

Specifications for Strain Gage Calibrator

Specifications

1. **Bridge Resistance to support:** 120 Ω and 350 Ω
2. **Input Resistance:** $\leq \pm 0.05\%$ at all output settings
3. **Output Resistance:** $\leq \pm 0.05\%$ at "000" $\mu\epsilon$ and $\leq 0.25\%$ at $\pm 99900 \mu\epsilon$
4. **Circuit:** True $\pm \Delta R$ in two adjacent arms (opposite signs), plus two fixed arms for bridge completion
5. **Simulation:** Quarter bridge, one active arm, Half bridge, one or two active arms and Full bridge, two active arms
6. **RANGE:** Two Active Arms 0 to $\pm 99,900 \mu\epsilon$ in steps of $100 \mu\epsilon$ @ GF = 2.00 0 to $\pm 49.95 \text{ mV/V}$ in steps of 0.05 mV/V One Active Arm 0 to $\pm 49,950 \mu\epsilon$ in steps of $50 \mu\epsilon$ @ GF = 2.00
7. **Excitation:** to meet accuracy and repeatability specifications 120 Ω : up to 10 VDC, 350 Ω : up to 15 VDC
8. **Maximum Permissible:** 120 Ω : 25V AC or DC, 350 Ω : 25V AC or DC
9. **OUTPUT:** @ 000 50 $\mu\epsilon$ (0.025 mV/V), maximum in full-bridge mode
10. **ENVIRONMENT:** Temperature +50°F to +100°F (+10°C to +38°C)
11. **Humidity:** Up to 70% RH, non-condensing
12. **SIZE:** Aluminium case (separable lid) 5-3/4 H x 8-1/4 W x 7-3/4 D in (145 x 210 x 195 mm)
13. **WEIGHT:** $\leq 2.2 \text{ kg}$
14. **ACCURACY:** 0.025% of setting $\pm 1 \mu\epsilon$ (0.0005 mV/V), maximum Traceable to Standards
15. **REPEATABILITY:** $\pm 1 \mu\epsilon$ (0.0005 mV/V), maximum
16. **STABILITY:** (0.001% of setting $\pm 1 \mu\epsilon$) / °C, maximum
17. Provide the calibration certificate along with system
18. Vendor is requested to quote necessary accessories along with system if required

J. de la Cruz

Terms & Conditions

1. Quotations received after due date & time shall be summarily rejected.
2. Quotation must be sent in double sealed covers in favour of Director, CSIR-NAL,, Kodihalli, Bangalore – 560 017. Both inner cover & outer cover should be SEALED WITH WAX AND SUPERSCRIBED with **tender number and due date**, without reference of RFQ/Tender No. due date and time on the outer cover, NAL will not be responsible for delivery of tender on the tender box. Quotations delivered personally should be put in the tender box kept at Security Office of CSIR-NAL, Airport Road, Kodihalli, Bangalore – 560 017. For confirmation about the submission of the Tender, bidders are requested to kindly sign the TENDER REGISTER, which is kept in Security Office of CSIR - NAL.
3. Late quotation will not be considered. CSIR – NAL will not be responsible for delivery of late quotation due to any postal strike, delivery at wrong place or any other reasons.
4. Kindly indicate clearly about the chargeable percentage of GST or other levies and their financial impact separately on the basic price otherwise, it will be presumed that taxes are inclusive in the basic cost and CSIR-NAL is not liable to pay any taxes separately from the basic cost.
5. Kindly mention the rates in the quotation both in figures and words. If any discrepancies found in figure and word, the amount in words shall prevail unless the amount expressed in words is related to an arithmetic error.
6. **ELIGIBILITY CRITERIA:** Kindly quote your rates item-wise basis. Purchase Order will be issued to the lowest quoted firm on item-wise basis not on lump-sum basis until unless specified in our standard terms & conditions
7. **PAYMENT TERMS:-**
 - a) **FOR INDIGENIOUS PURCHASES:** - 100% Payment can be released within 30days after satisfactory receipt of the material, installation commissioning and acceptance of material by the user at CSIR NAL
8. **FOR FOREIGN PURCHASES:-** 100% through Sight Draft/Irrevocable Letter of Credit (excluding the Agency Commission due to the Indian Agents) opened in favour of the Supplier through, **State Bank of India, NAL Branch, Kodihalli, Bengaluru – 560 017 (India)** Bank Charges: All Bank Charges within India to CSIR-NAL's account and outside India to Supplier/Beneficiary account. **“No advance payment request will be considered”.**
9. As the time is the essence of the order, hence bidders are requested to kindly mention the delivery schedule clearly in the quotation and the same should be strictly adhered to.
10. Delivery of ordered material will be at Central Stores, NAL, Kodihalli.
11. The acceptance of the quotation will rest with the competent authority of NAL, Bangalore who does not bind to accept the lowest quotation and reserves the right to reject, or partially accept any or reject all the quotations received without assigning any reasons.
12. **The offer shall be valid for ninety days from the date of opening of the quotations.**
13. **For Goods offered In Indian Rupees:** Kindly send your offer indicating the basic cost, taxes, packing, forwarding, freight, transportation, insurance, installation & commissioning charges etc., separately upto the F.O.R destination prices. **Where there is no mention of these charges, the offer would be consider as inclusive of all such charges otherwise rejected as incomplete.**
14. **For Goods Offered From Abroad:** Your offer / Quotations should be inclusive of charges FOB /FCA and CIF/CIP basis. FOB/FCA and CIF/CIP should be indicated separately to facilitate proper comparison at our end. **Offers without such charges will be rejected.** Price schedule for indigenous / imported goods are appended herewith for details description and logistics charges upto our destination. Please fill up rates only in the enclosed prescribed proforma
15. In case of FCA/FOB consignment, port of shipment / International Gateway airport of carrier should be clearly mentioned. Also indicate approximate weight and dimension of the consignment.
16. Complete specification with manufacture's name and address should be given while quoting. Literature / Pamphlets should also be enclosed wherever applicable.
17. Prices are required to be quoted in units indicated in the enquiry. When quotations are given in terms of other units, relationship between two sets of units should be furnished. Quantity, discount, if any should also be indicated. The items should be quoted indicating the serial No. of our RFQ.

18. No price negotiation will be entertained in normal course of action. However, negotiation can be called for specific cases after the approval of the committee
19. Please furnish a list of Indian Purchasers with their satisfactory performance certificates, if any.
20. Please furnish the authorization from OEM for quoting their product incase of indigenous items.
21. Please furnish the name contact number local address of service centre/after sales service provider of OEM during warranty and after warranty period
22. Either the Indian Agent on behalf of the foreign principal can bid directly in a tender but not both. However the offer of the Indian Agent should also accompany the authorization letter from their principal, without authorization of Principal, quotation will be rejected. To maintain sanctity of tendering system, one Indian Agent can not represent two different foreign principals in one tender.
23. Please indicate if you have any agents in India, their Address, and the details of service rendered by them & the percentage of commission payable to them. Agency commission payable to the Indian Agent should be clearly indicated. The Indian agent should be registered with DGS & D for the items appearing in the restricted list of the current EXIM policy of the Government of India.
24. **This lab. /instt. is registered with Dept. of Scientific & Industrial Research, Govt. of India and thus concessional GST is leviable vide notification no. 45/2017 (CGST) ,47/2017 (IGST) and FD 48 CSL 2017 (SGST) dated 14.11.2017 and concessional customs duty is leviable vide notification no. 51/96 dt. 23.07.1996.**
25. The mode of dispatch of the items must be mentioned clearly in the quotation.
26. Samples, if called for, shall be submitted free of charge.
27. **Warranty:- Minimum 12 months from the date of acceptance (After supply / installation & imparting of training, if required).**
28. **ESI, IT would be recovered as per rules in case of Fabrication / Servicing / Maintenance jobs / Installation charges etc.**
29. Kindly furnish your GST Number in your quotation for our records.
30. Payment will be made to the suppliers through ECS against the receipt of Pre - receipted bill in duplicate in favour of The Director, CSIR – NAL, Bangalore. For releasing of payment through ECS, bidders are requested to kindly furnish your bank details i.e., Complete Bank Account Number, Beneficiary Name (As per Pass Book), Address, Bank Name & Branch Name, Bank Address & Phone Number, MICR Code, Branch Code, IFSC Code, Contact Number & Email ID of the Beneficiary.
31. Bank Guarantee for EMD/PBG/Advance Payment etc, wherever applicable, shall be submitted from any nationalized / scheduled bank. In case of issue of such guarantees by a foreign bank, then the same should be confirmed by any Nationalized or scheduled bank located in India. The format of bank guarantee is enclosed. The banks issuing the guarantees must be requested by the bidder to immediately send an unstamped duplicate copy of the guarantee by registered post [A.D] directly to the purchaser with a covering letter, to facilitate its verification.
32. All disputes arising out of this shall be referred to the sole arbitrator appointed by Director General, Council of Scientific & Industrial Research, New Delhi. All suits shall be in the courts of Bangalore jurisdiction only.
33. Tender conditions (printed on the reverse), if any, or otherwise sent along with the tender shall not be binding on us.
34. All the above instructions and our standard terms and conditions must be complied, failing which the offer may be liable for rejection.
35. Conditional offer (differ from the RFQ) will not be accepted.
36. Our Pan No. AAATC2716R, Central Excise Registration No. AAATC2716REM001, Service Tax Registration No. AAATC2716RSD040 and GST No. **29AAATC2716R1ZB.**