

Ltd.+ Website Tender

Ref. No.: 14-VIII/SMP(198)14PB/T-54

**IMPORTANT INSTRUCTIONS FOR THOSE VENDORS WHO ARE
APPLYING IN RESPECT OF LIMITED + WEB TENDER ENQUIRY
AFTER DOWNLOADING FROM NPL WEBSITE.**

Interested manufacturers/ their authorized vendors having capability of proper supply/installation of required items as per enquiry can also submit their offer directly on the basis of website tender in the manner prescribed in such tender enquiry uploaded on NPL website www.nplindia.org.

In such cases, the tenderer has to **attach invariably a copy of the enquiry downloaded from the NPL website** duly stating in covering letter that the enquiry is downloaded by them and also **attached VENDOR DECLARATION FORM** as per annexure 'X'; failing which the offer not be considered.

VENDOR’S DECLARATION FORM

[The interested vendor shall fill in this form and should submit along with tender document without fail. This should be done on the letter head of the firm]

1. Vendor’s Legal Name :

2. Vendor’s actual or intended Country of Registration :

3. Vendor’s Legal Address in Country of Registration :

4. Vendor’s Authorization Representative Information

Name :

Designation :

Address :

Telephone/Fax numbers:

Email Address :

5. Please provide following details in reference
of firm, as applicable

TIN NO. :

PAN NO. :

TAN NO. :



BY AIR MAIL/SPEED POST
CSIR-NATIONAL PHYSICAL LABORATORY
 (Council of Scientific & Industrial Research)
 Dr. K. S. Krishnan Marg, Pusa Campus,
 New Delhi-110012

Ref. No. 14-VIII/SMP(198)14/PB/T-54

Dated:29/09/2014

Dear Sir,

We are interested to purchase the following items. Kindly send us the sealed quotations/Performance invoice indicating minimum delivery period. The sealed envelope containing your quotation superscribed with our reference no. and addressed to Director, NPL should reach **this office latest by 30/10/2014 up to 5.00. P.M.** The quotation will be opened on **31/10/2014 at 2.30. P.M.** in the presence of supplier representative who wish to present themselves at that time.

S. No.	Articles	Qty.
A	DSP Dual Phase Lock in Amplifier	01 (one)
1	<u>Signal Channel:</u>	
2	Input type : Single-ended or differential	
3	Sensitivity : 2 nV or better	
4	Current input : $10^6 - 10^8$ V/A	
5	Gain accuracy : \pm (1 to 2) %	
6	Noise : $6 \text{ nV}/\sqrt{\text{Hz}}$ or better	
7	CMRR : 100 dB or greater	
8	Dynamic reserve: 100-150 dB	
9	<u>Reference Channel:</u>	
10	Frequency range : Min : 1 mHz, Max: 100 kHz or above	
11	Phase resolution : 0.001° or better	
12	Absolute phase error : <1°	
13	Relative phase error : <0.001°	
14	Phase noise: <ul style="list-style-type: none"> • Int. reference < 0.0001° rms at 1 kHz • Ext. reference < 0.005° rms at 1 kHz, 	
15	Phase drift : < 0.01°/°C below 10kHz, : < 0.01°/°C below 10kHz,	
16	Detection to be at multiple harmonics	
17	<u>Demodulator:</u>	
18	Stability of Analog outputs : < 5 ppm/°C for all dynamic reserves	
19	Harmonic rejection : - 70 dB or better	
20	<u>Internal Oscillator:</u>	
21	Accuracy : 20-30 ppm	
22	Resolution : 0.01% or better	
23	Distortion : -80 dBc or better	
24	Amplitude : 0.004 Vrms to 5 Vrms into 10 kΩ	
25	Output impedance: 50 Ω	
26	<u>Inputs and Outputs:</u>	
27	Interfaces IEEE-488.2, RS-232	
28	Aux. A/D inputs 4 BNC inputs, 1 mV res, \pm 10 V	
29	Aux. D/A outputs 4 BNC inputs, 1 mV res,	
30	<u>Front panel Display:</u>	
31	Screen format : Single or dual display	
32	Display types : Large numeric readout, bar graph, polar plot and strip chart	
33	Should have autogain, autophase and auto-offset feature	
34	Power cable (240V, 50 Hz) and accessories	
35	All operational, user and maintenance manuals to be supplied	
36	1. <u>Price must be quoted on FOB basis up to International Airport otherwise quotation will not be considered.</u>	
37	2. <u>A Price reasonability certificate may be submitted stating that you will not sell the item less than the quoted price to NPL.</u>	
38	3. <u>In case quotation is submitted by Indian Agent, the authorization letter issued by their principal to quote on their behalf must be enclosed or foreign principal directly could bid in a tender. One agent can participate in a tender on behalf of one manufacturer. No offer will be entertained if the same Indian agent is representing another manufacturer</u>	
39	4. <u>Your quotation must be valid for three months after the date of tender opening.</u>	

Yours Faithfully

Section Officer (S&P)

TERMS & CONDITIONS

- 1 Your prices/rates must be on **FOB** basis up to international Airport/seaport/post office including inland freight/cartage/forwarding/documents & boarding charges etc.
- 2 Freight and insurance will be arranged by NPL. The mode of dispatch to be followed by you must be indicated clearly.
- 3 All bank charges in the exporting country will be on the exporters account.
- 4 The blue/catalogue/pamphlets/literature and Instruction Manual must be attached along with your quotation/performs invoice.
- 5 The shipment through courier services will not be accepted unless beneficiary takes the responsibility of delivery of goods at NPL. But in that case payment shall be made after receipt of goods at NPL.
- 6 The shipment must be effected through our consolidation agent. The details of our consolidation agent will be indicated in our order.
- 7 **We always prefer payment against sight Draft/TT at our sight to avoid L/C opening bank charges in India as well as in Exporting Country.**
- 8 **NO ADVANCE PAYMENT WILL BE MADE IN ANY CONDITION.**
9. The goods must be guaranteed for a period of 12 months from the date of its found in good working condition against all manufacturing defects. If the whole material/equipment is found defective during the guarantee period the same will have to be replaced/repared at NPL free of charge on CIF basis.
- 10 **COMMENCEMENT OF WARRANTY PERIOD:** The warranty period of an item shall commence from the date of receipt of the item in good working condition and satisfactory installation/commissioning/demonstration at the project site in National Physical Laboratory, New Delhi.
11. **INSTALLATION:** The equipment should be installed/commissioned and demonstrated by the supplier/Indian agent at our site immediately but in any case within two months after receipt of the item in the lab and the same will be put under operation to the satisfaction of our technical expert/Scientist who will test the performance of the equipment. No separate charges for installation etc. will be paid to the party beyond the quoted prices.
12. **PENALTY CLAUSE:** In case of delay in supply and installation on on part of the supplier, a penalty @ 0.5% per week subject to maximum 10% of Order/FOB value will be charged for delayed period.
13. **ARBITRATION CLAUSE**All disputes arising out of this contract and its execution shall be settled by negotiation and on mutually agreed terms. However, Director, NPL/DG, CSIR reserves the right to seek remedy, in the event of failure of negotiation, under the governing of India through the competent court of Indian jurisdiction