

Ltd.+ Website Tender

Ref. No.: 14-VIII/SGA(431)2016PB/T-05

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 'A'; failing which the offer not be considered.

Annexure-'A'

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
NATIONAL PHYSICAL LABORATORY
(Council of Scientific & Industrial Research)
Dr. K. S. Krishnan Marg, Pusa Campus,
New Delhi-110012

Ref. No. 14-VIII/SGA(431)16PB/T-05

Dated: 17/05/2017

Dear Sir,

We are interested to purchase the following items. Kindly send us the sealed quotations/Performa invoice indicating minimum delivery period. The sealed envelope containing your quotation super scribed with our reference no. and addressed to Director, NPL should reach **this office latest by 08/06/2017 up to 5.00. P.M.** The quotation will be opened on **09/06/2017 at 2.30. P.M.** In the presence of supplier representative who wish to present themselves at that time.

S. No.	Articles	Qty.
1.	Beta Attenuation Particulate Mass Monitor	1
2.	Multi – Gas Calibrator	1
3.	Ozone analyzer	1
	(For detailed specification see Annexure-“A”)	
	Note: 1. <u>Price must be quoted on FOB basis up to International Airport otherwise quotation will not be considered.</u> 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> 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> 4. <u>As per instruction of Ministry of Finance and DGS&D, it is compulsory for Indian Agents who desire to quote directly on behalf of their foreign principals, to get themselves enlisted with Central Purchase Organization (DGS&D).</u> <u>Based On the Clarification issued by DGS&D vide their dated 28/03/2017 in regard to the above, Enlistment with DGS&D is also mandatory for the Indian agent/supplier as per rule 152 of GFR 2017 in the following cases:</u> (i) <u>Wherein the foreign supplier has submitted the offer under their signature but the EMD has been submitted by the Indian agent.</u> (ii) <u>Wherein the foreign supplier has submitted the offer along with the EMD and as per their quotation it has been mentioned that the after sales services will be provided by their representative in India and it has also been certified that no agency commission is involved.</u> (iii) <u>Wherein the Indian supplier has given the quotation in INR under High Sea Sales Agreement basis/Without High Sea Sales Agreement for the product of foreign principal and Custom duty exemption certificate is demanded from the buyer.</u> (iv) <u>Wherein Indian subsidiary has quoted on behalf of their foreign counterpart.</u> <u>Accordingly, if any of the above condition applies to the offer received from Indian agent/ Indian supplier, submission of DGS&D Enlistment certificate is must along with the offer failing which their offer would be summarily rejected. Copy of the acknowledgement received from DGS&D, as proof for submission of application will not be accepted. Only Enlistment certificate is required to be submitted for consideration of offer.</u> 5. <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 The payment against imports shall be made through irrevocable L/C. L/C will be opened for 100% FOB/FCA value. 90% of L/C amount shall be released on presentation of complete and clear shipping documents and remaining **10%** shall be released after satisfactory installation/demonstration/commissioning.

OR

100% THROUGH WIRE TRANSFER/TT : PAYMENT SHALL BE RELEASED UPON SATISFACTORY INSTALLATION OF SUBJECT ORDER MATERIAL AT NPL site.
- 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: (REQUIRED)** 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 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

Sr. No. 1: Beta Attenuation Particulate Mass Monitor**Annexure – "A"**

1	Principle:	Beta Rays Attenuation
2	Type:	Continuous
3	Standard range:	0-1000/2000/5000 µg/m ³
4	Data resolution:	>0.5 µg/m ³
5	Measurement time cycle:	Real time
6	Sample flow rate (can be manually adjusted):	0-20 lpm
7	Sensitivity Std. Deviation (σ) (1 hour):	less than 2 µg /m ³
8	Lower detection limit (2 σ) (1 hour):	less than 4 µg/m ³
9	Lower detection limit (2 σ) (24 hour):	Less than 1 µg /m ³
10	Measurement cycle :	automatic
11	Span check:	automatic
12	Filter tape :	Continuous glass fiber (size and shape should be commercially available)
13	Beta Source:	Carbon-14 (C-14), 60Co±15Ci (<2.22×10 ⁶ Bec), Half life 5730 years
14	Beta Detector Type:	Photomultiplier tube with organic plastic scintillator
15	Operating temperature range:	0 to 45 °C
16	Ambient Temp range:	-20 to 50 °C
17	Ambient Humidity range:	0 to 90 % RH, non-condensing
18	Humidity control :	inlet heater module controller
19	Display indicator:	date, time, mass conc., flow rate
20	Compatible software :	must be provided
21	Data recording:	Inbuilt memory for 6-month (180 days) data display
22	Power supply:	220-230 VAC, 50 Hz
23	User Interface:	LCD display
24	Serial Interface:	RS-232 for PC
25	Analog Output:	0-1 or 0-5 VDC

Sr. No. 2: Multi-Gas Calibrator

1	Calibration objects	NOx, SO ₂ , O ₃ , CO
2	Mass flow control at set point (10% -100%):	Accuracy Concentration: ±1.0 % Flow: ±1.0 % 1 % of Full Scale
3	Flow Repeatability:	Greater than or equal to 3 numbers
4	Span Inlet:	1 number
5	Zero air Inlet:	1 number
6	Outlet:	15 -35 °C
7	Performance Temperature Range (MFCs):	0-50 °C
8	Operating Temperature:	Should consist of Swagelok fittings
9	Inlet/ outlet :	Teflon
10	Tubing:	Made up of stainless steel
11	Mass flow Meter:	1.03-2.07 bar
12	Operating Pressure:	
13	Microprocessor based operation	Must be provided
14	Programmable input /output digital and analog signals	Inbuilt memory for data recording
15	Compatible software :	220-230 VAC, 50 Hz
16	Data recording:	alphanumeric LCD display
17	Power supply:	RS-232 for PC
18	User Interface:	
19	Serial Interface:	

Sr. No. 3 : Ozone Analyzer Monitor

1	Range :	0-1000 ppb
2	Linearity:	±1 % of full scale
3	Lower detection limit:	Less than 0.5 ppb
4	Linearity:	Less than 1 % of setpoint
5	Zero drift:	less than 1 ppb/week
6	Span drift:	less than 1 % /week
7	Sample flow rate:	1 lpm
8	Display mode:	should display in ppb, ppm, µg/m ³ , mg/m ³
9	Average time :	Programmable from 1 minute to 24 hr
10	Operating Temperature:	0-40 °C
11	Inlet/ outlet (span / zero gas):	Should have Swagelok fittings
12	Tubing:	Teflon
13	Warmup time:	Less than 30 minutes
14	Analog output :	0-5V DC
15	Compatible software must be provided	
16	Data recording and acquisition :	Inbuilt memory for data recording of 1 year and data access by USB
17	Power supply:	220-240 V AC, 50 Hz
18	User Interface:	alphanumeric LCD display
19	Serial Interface:	RS-232 for PC
20	Housing:	Standard rack mountable (19 inches in length)