



TENDER DOCUMENT

FOR

FOR SUPPLY OF

**OCEANOGRAPHIC SCIENTIFIC LABORATORY,
FIELD INSTRUMENTS/ GLASSWARES,
CHEMICALS & MISCELLANEOUS ITEMS**

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INSTRUCTIONS TO TENDERERS

(Note: These Instructions along with Tendering Data will not be part of Contract and will cease to have effect once the Contract is signed).

A. GENERAL

IT.1 Scope of Tender & Source of Funds

1.1 Scope of Tender

The Director General as defined in the Tendering Data (hereinafter called "the Employers") wish to receive tenders for the supply of Oceanographic Scientific Instruments / Chemicals / Accessories etc. summarized in the Tendering Data (hereinafter referred to as "the Works").

Tenderers can quote for the complete or partial scope of work.

The bids must be quoted in Pak Rupees on FOR basis/FOR (Free delivery to NIO) and submitted to the undersigned by January 9, 2018 at 11:00 Hrs.

The tenders will be opened on the same date at 1130 hrs.

1.2 Source of Funds

National Institute of Oceanography

IT.2 Eligible Tenderers

2.1 Tendering is open to all the eligible firms and persons.

IT.3 Cost of Tendering

3.1 The tenderer shall bear all costs associated with the preparation and submission of its tender and NIO will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the tendering process.

B. TENDER DOCUMENTS

IT.4 Contents of Tender Documents

- 4.1 The Tender Documents are those stated below and should be read in conjunction with any Addendum issued in accordance with Clause IT.6.1.
1. Instructions to Tenderers & Tendering Data
 2. Forms of Tender
 4. Specification

IT.5 Clarification of Tender Documents

- 5.1 A prospective tenderer requiring any clarification(s) in respect of the Tender Documents may notify the Director General NIO at the address indicated in the Tendering Data.
- 5.2 The NIO will respond to any request for clarification which it receives earlier than 10 days prior to the deadline for the submission of tenders. Copies of the response will be forwarded to all prospective tenderers, at least 5 days prior to the deadline for submission of Tenders, who have received the Tender Documents including a description of the enquiry but without identifying its source.

IT.6 Amendment of Tender Documents

- 6.1 At any time prior to the deadline for submission of tenders, the Director General may, for any reason, whether at his own initiative or in response to a clarification requested by a respective tenderer, modify the Tender Documents by issuing addendum.
- 6.2 Any addendum thus issued shall be part of the Tender Documents pursuant to Sub-Clause 6.1 hereof, and shall be communicated in writing to all purchasers of the Tender Documents. Prospective tenderers shall acknowledge receipt of each addendum in writing to the Director General.
- 6.3 To afford prospective tenderers reasonable time in which to take an addendum into account in preparing their tenders, the Director General NIO may extend the deadline for submission of tenders.

C. PREPARATION OF TENDERS

IT.7 Language of Tender

7.1 The tender prepared by the tenderer and all correspondence and documents relating to the Tender, exchanged by the tenderer and the NIO shall be written in the English language, provided that any printed literature furnished by the tenderer may be written in another language so long as accompanied by an English translation of its pertinent passages in which case, for purposes of interpretation of the Tender, the English translation shall govern.

IT.8 Documents Comprising the Tender

8.1 The tender prepared by the tenderer shall comprise the following components:

- (a) Covering Letter
- (b) Form of Tender duly filled, signed and sealed, in accordance with Clause IT.I4.3.
- (c) Tender Security furnished in accordance with Clause IT.I3.
- (d) Power of Attorney in accordance with Clause IT 14.5.
- (e) Documentary evidence in accordance with Clause IT.II
- (f) Documentary evidence in accordance with Clause IT.I2.

IT.9 Sufficiency of Tender

9.1 Each tenderer shall satisfy himself before Tendering as to the correctness and sufficiency of his Tender and of the rates and prices entered in the Price Schedule, which rates and prices shall except in so far as it is otherwise expressly provided in the Contract, cover all his obligations under the Contract and all matters and things necessary for the proper supply of the instruments.

9.2 The tenderer is advised to obtain for himself at his own cost and responsibility all information that may be necessary for preparing the tender and entering into a Contract for execution of the Works.

IT.10 Tender Prices, Currency of Tender and Payment

10.1 The tenderer shall fill up the Schedule of Prices (Schedule A to Tender) indicating the unit rates and prices of the Works to be performed under the Contract. Prices on the Schedule of Prices shall be entered keeping in view the instructions contained in the Preamble to the Schedule of Prices.

10.2 Unless otherwise stipulated in the Conditions of Contract, prices quoted by the tenderer shall remain fixed during the tenderer's performance of the Contract and not subject to variation on any account.

10.3 The unit rates and prices in the Schedule of Prices shall be quoted by the tenderer in the currency as stipulated in Tendering Data.

IT.11. Documents Establishing Tenderer's Eligibility and Qualifications

- 11.1 Pursuant to Clause IT.8, the tenderer shall furnish, as part of its tender, documents establishing the tender's eligibility to tender and its qualifications to perform the Contract if its tender is accepted.
- 11.2 Tenderer/Manufacturer must possess and provide evidence of the experience as stipulated in Tendering Data.

IT.12. Documents Establishing Works Conformity to Tender Documents

- 12.1 The documentary evidence of the Works' conformity to the Tender Documents may be in the form of literature, drawings and data and shall furnish documentation as set out in Tendering Data.
- 12.2 The tenderer shall note that standards for workmanship, material and equipment, and references to brand names or catalogue numbers, designated by the Employer in the Technical Provisions are intended to be descriptive only and not restrictive.

IT.13 Tender Security

- 13.1 Each tenderer shall furnish, as part of his tender, a Tender Security of 2% of the bid price in Pak. Rupees in the form of a Bank Guarantee issued by a Scheduled Bank in Pakistan in favour of the Employer valid for a period 28 days beyond the tender validity date.
- 13.2 Any tender not accompanied by an acceptable Tender Security shall be rejected by the Employer as non-responsive.
- 13.3 The tender securities of unsuccessful tenderers will be returned upon award of contract to the successful tenderer or on the expiry of validity of Tender Security whichever is earlier.
- 13.4 The Tender Security of the successful tenderer will be returned when the tenderer has furnished the required Performance Security, pursuant to Clause IT.21 and signed the Contract Agreement, pursuant to Clause IT.20.2 &20.3.

13.5 The Tender Security may be forfeited:

- (a) if a tenderer withdraws his tender during the period of tender validity;
- (b) if a tenderer does not accept the correction of his Tender Price, pursuant to Sub-Clause 16 .4 (b) hereof; or
- (c) in the case of a successful tenderer, if he fail to:
 - (i) furnish the required Performance Security in accordance with Clause IT.21, or
 - (ii) sign the Contract Agreement, in accordance with Clause IT.20.2 & 20.3.

IT.14 Validity of Tenders, Format, Signing and submission of Tender

- 14.1 Tenders shall remain valid for the period of 90 days as stipulated in the Tendering Data after the date of tender opening.
- 14.2 All Schedules to Tender are to be properly completed and signed.
- 14.3 No alteration is to be made in the Form of Tender except in filling up the blanks as directed. If any alteration be made or if these instructions be not fully complied with, the tender may be rejected.
- 14.4 Each tenderer shall prepare Original and number of copies specified in the Tendering Data of the documents comprising the tender as described in Clause IT.8 and clearly mark them "ORIGINAL" and "COPY" as appropriate. In the event of discrepancy between them, the original shall prevail.
- 14.5 The original and all copies of the tender shall be typed or written in indelible ink and shall be signed by a person or persons duly authorized to sign (in the case of copies, Photostats are also acceptable). This shall be indicated by submitting a written Power of Attorney authorizing the signatory of the tenderer to act for and on behalf of the tenderer. All pages of the tender shall be initialized and official seal be affixed by the person or persons signing the tender
- 4.6 The Tender shall be delivered in person or sent by registered mail at the address to employer as given in Tendering Data.

D-SUBMISSION OF TENDER

IT.15 Deadline for Submission, Modification & withdrawal of Tenders

- 15.1 Tenders must be received by the NIO at the address/provided in Tendering Data not later than the time and date stipulated therein.
- 15.2 Tenders submitted through telegraph, telex, fax or e-mail shall not be considered.
- 15.3 Any tender received by the Employer after the date and time of tender opening prescribed in Tendering Data will be returned unopened to such tenderer.
- 15.4 Any tenderer may modify or withdraw his tender after tender submission provided that written notice of the modification or withdrawal is received by the Employer prior to the deadline for submission of tenders.
- 15.5 No tender may be modified by a tenderer after the deadline for submission of tenders. Withdrawal of a tender during the interval between the deadline for submission of tenders and the expiration of the period of tender validity specified in the Form of Tender may result in forfeiture of the Tender Security pursuant to Clause IT.13.5(a).

E. TENDER OPENING AND EVALUATION

IT.16 Tender Opening & Clarification and Evaluation

- 16.1 The NIO will open the tenders, in the presence of tenderers' representatives who choose to attend, at the time, date and location stipulated in the Tendering Data.
- 16.2 The tenderer's name, Tender Prices, any discount, the presence or absence of Tender Security, and such other details as the Director General NIO at its discretion may consider appropriate, will be announced by the NIO at the tender opening.

Any Tender Price or discount which is not read out and recorded at tender opening will not be taken into account in the evaluation of tender.

- 16.3 To assist in the examination, evaluation and comparison of Tenders the NIO may at its discretion ask the tenderer for a clarification of its Tender. The request for clarification and the response shall be in writing and no change in the price or substance of the Tender shall be sought, offered or permitted.
- 16.4 (a) Prior to the detailed evaluation, pursuant to Sub-clause IT.16.7 to 16.9, the NIO will determine the substantial responsiveness of each tender to the Tender Documents. For purpose of these Clauses, a substantially responsive tender is one which conforms to all the terms and conditions of the Tender Documents without material deviations. It will include determining the requirements listed in Tendering data.

(b) Arithmetical errors will be rectified on the following basis:

If there is a discrepancy between the unit price and total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected. If there is a discrepancy between the words and figures the amount in words shall prevail. If there is a discrepancy between the Total Tender price entered in Form of Tender and the total shown in Schedule of Prices-Summary, the amount stated in the Form of Tender will be corrected by the NIO in accordance with the Corrected Schedule of Prices.

If the tenderer does not accept the corrected amount of Tender, his Tender will be rejected and his Tender Security forfeited.

- 16.5 A Tender determined as substantially non-responsive will be rejected and will not subsequently be made responsive by the tenderer by correction of the non-conformity.
- 16.6 Any minor informality or non-conformity or irregularity in a Tender which does not constitute a material deviation may be waived by NIO, provided such waiver does not prejudice or affect the relative ranking of any other tenderers.

16.7 The Director General NIO will evaluate and compare only the tenders previously determined to be substantially responsive pursuant to Sub-clauses IT.16.4 to 16.6. as per requirements given hereunder. Tenders will be evaluated for complete scope of works. The prices will be compared on the basis of the Evaluated Tender Price pursuant to Sub-Clause 16.8 herein below.

(a) Technical Evaluation

It will be examined in detail whether the items offered by the tenderer complies with the Technical Provisions of the Tender Documents. For this purpose, the tenderer's data submitted will be compared with technical features/criteria of the Tendering Data detailed in the Technical Provisions. Other technical information submitted with the tender regarding the Tendering Data will also be reviewed.

(b) Commercial Evaluation

It will be examined in detail whether the tenders comply with the commercial/contractual conditions of the Tender Documents. It is expected that no major deviation/stipulation shall be taken by the tenderers.

16.8 Evaluated Tender Price

In evaluating the tenders, the Director General, NIO will determine for each tender in addition to the Tender Price, the following factors (adjustments) in the manner and to the extent indicated below to determine the Evaluated Tender Price:

- (i) making any correction for errors pursuant to Sub-Clause 16.4 hereof.
- (ii) making an appropriate price adjustment for any other acceptable variation or deviation.
- (iii) making an appropriate price adjustment for Deviations in terms of Payments (if any and acceptable to Director General, NIO).

16.9 Evaluation Methods

Pursuant to Sub-Clause 16.8, Para (ii), and (iii) following evaluation methods for price adjustments will be followed:

(i) Price Adjustment for Technical Compliance

The cost of making good any deficiency resulting from technical non compliance will be added to the Corrected Total Tender Price for comparison purposes only. The adjustments will be applied taking the highest price quoted by other tenderers being evaluated in detail in their original Tenders for corresponding item. In case of non-availability of price from other tenderers, the price will be estimated by Director General.

(ii) Price Adjustment for Commercial Compliance

The cost of making good any deficiency resulting from any quantifiable variations and deviations from the Tender Schedules and Conditions of Contract, as determined by Director General will be added to the Corrected Total Tender Price for comparison purpose only. Adjustment for commercial compliance will be added to the Corrected Total Tender Prices.

- (iii) Price Adjustment for Deviation in Terms: If Payments refer to Tendering Data

IT.17 Process to be Confidential

- 17.1 Subject to Clause IT. 16.3 heretofore, no tenderer shall contact the Director General NIO on any matter relating to its Tender from the time of the Tender opening to the time the Contract is awarded.
- 17.2 Any effort by a tenderer to influence Director General, NIO in the Tender evaluation, Tender comparison or Contract Award decisions may result in the rejection of his Tender.

F. AWARD OF CONTRACT

IT.18. Post-Qualification

- 18.1 In the absence of pre-qualification, the Director General NIO will determine to its satisfaction whether the substantially responsive, lowest evaluated tenderer is qualified to satisfactorily perform the Contract.
- 18.2 The determination will take into account the tenderer's financial and technical capabilities. It will be based upon an examination of the documentary evidence of the tenderer's qualifications submitted under Clause IT.11, as well as such other information as the Director General NIO deems necessary and appropriate.

IT.19 Award Criteria & Employer's Right

- 19.1 Subject to Sub-clause IT.19 .2, the Director General NIO will award the Contract to the tenderer whose tender has been determined to be substantially responsive to the Tender Documents and who has offered the lowest evaluated Tender Price, provided that such tenderer has been determined to be qualified to satisfactory perform the Contract in accordance with the provisions of Clause IT. 18.
- 19.2 Notwithstanding Sub-clause IT.19.1, the Director General NIO reserves the right to accept or reject any tender, and to annul the tendering process and reject all tenders, at any time prior to award of Contract, without thereby incurring any liability to the affected tenderers or any obligation to inform the affected tenderers of the grounds for the NIO's action.

IT.20 Notification of Award & Signing of Contract Agreement

- 20.1 Prior to expiration of the period of tender validity prescribed by the NIO, the NIO will notify the successful tenderer in writing ("Letter of Acceptance") that *his* tender has been accepted.
- 20.2 Within 7 days from the date of furnishing of acceptable Performance Security under the Conditions of Contract, the NIO will send the successful tenderer the Form of Contract Agreement provided in the Tender Documents, incorporating all agreements between the parties.



TENDER DATA

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G.TENDERING DATA

Brief description of Laboratory/Field Instruments, Glassware, Chemicals & Miscellaneous Items.

S. No.	Instrument/ Item	Uses & specifications	Required No.
1	Digital Sieve shaker with accessories	Total operation control, non binding sieving action, compact, portable, no mechanical moving parts, precise sieve clamping, suitable for wet or dry sieving. Measuring range: Dry sieving: 20 µm to 63 mm. Wet sieving: 20 µm to 10 mm.	one
2	Vacuum pump for filtration Assembly Millipore and equivalent/ Guast & equivalent / Germany /USA/UK	Dry portable Vacuum pump type, electric (220V), for aggressive products, noise 50 dB, temperature sensor. Flow rate 18 liter t/min (for 1 or 3 places manifolds), Rubber vacuum hose and other accessories	Two
3	Filtration Assembly	Holder cup Polysulfone ø 47 mm with stopper and funnel 300 or 500 ml.	4 set each
		Filtering Flask 1 liter (vacuum outlet)	Two
		Hose dia 8 mm (2 m)	
4	PVC / Stainless Manifolds 3 places with accessories and Vacuum Pump	With manifold's accessories and auxiliaries (waste vacuum glass flask (5 liters capacity, Rubber stopper to empty vacuum flask equipped with 2 Silicon stopper (SS) connections for vacuum hose dia 8mm, vent tap and a series of vacuum hoses.	One set
5	Filter paper	GF/F dia 47 mm (pack of 100)	12 packet
6	Oven Perfect for routine work from 50°C -250°C or above. Chambers made from corrosion resistant st. steel worth rounded corners. Timer, mechanical exhaust vent as well as two shelves as standard	Temperature control system 50°C -250°C Big size for drying sediment samples and other items.	One
7	ORP/Conductivity/Temperature meter for the field (Parameters: Temperature, conductivity/ specific conductance, Salinity, TDR, ORP) Warranty: 3-year instrument; 2-year cable; 1-year sensor • User-replaceable cables and sensors (pH and ORP). Super stable,	Temperature: Range -5 to 55°C, Resolution 0.1°C Accuracy ±0.2°C ORP Range -1500 to 1500 mV Resolution 1 mV Accuracy ±20 mV Conductivity Range 0 to 500 µS/cm, 0 to 5 mS/cm, 0 to 50 mS/cm, 0 to 200 mS/cm	One set

	<p>4-electrode conductivity sensor built into the cable.</p> <ul style="list-style-type: none"> • Stores 50 data sets; no need to write down data • Graphic, backlit display and glow in the dark keypad. • 4 and 10 m cable lengths. • Tough. IP67, impact-resistant, waterproof case. Waterproof as well. 	<p>(auto ranging) Resolution 0.0001 to 0.1 mS/cm, 0.1 to 0 μS/cm (range dependent) Accuracy With 1- or 4-meter cable \pm1.0% of the reading or 1 μS/cm, whichever is greater; With 10-, 20-, or 30-meter cables \pm2.0% of the reading or 1 μS/cm, whichever is greater; Instrument only \pm0.5% Salinity Range 0 to 70 ppt Resolution 0.1 ppt Accuracy \pm1.0% of the reading or \pm0.1 ppt, whichever is greater Total Dissolved Solids (TDS) Range 0 to 100 g/L (TDS constant range 0.3 to 1.00 with 0.65 being the default) Resolution 0.0001 to 0.1 g/L (range dependent) Accuracy Dependent on accuracy of temperature, conductivity and TDS constant</p> <p>1,000 μS/cm conductivity solution 10,000 μS/cm conductivity solution 50,000 μS/cm conductivity solution</p> <p>ORP solution</p>	
8	<p>pH /Dissolved Oxygen / Temperature meter for the field (Parameters: pH, Dissolved Oxygen, Temperature)</p> <p>Warranty: 3-year instrument; 2-year cable; 1-year sensor</p> <ul style="list-style-type: none"> • User-replaceable cables and sensors (pH and ORP). Super stable, 4-electrode conductivity sensor built into the cable. • Stores 50 data sets; no need to write down data • Graphic, backlit display and glow in the dark keypad. • 4 and 10 m cable lengths. • Tough. IP67, impact-resistant, waterproof case. Waterproof as well. 	<p>Temperature: Range -5 to 55°C (0 to 45°C for DO compensation range for mg/L) Resolution: 0.1°C Accuracy: \pm0.2°C pH: Range 0 to 14 pH units Resolution: 0.01 Accuracy: \pm0.2 Dissolved Oxygen: Range 0 to 500% air saturation (% saturation) Resolution 0.1% or 1% air saturation (user selectable) Accuracy : 0 to 200% air saturation, \pm2% of the reading or \pm2% air saturation, whichever is greater; 200 to 500% air saturation, \pm6% of the reading Dissolved Oxygen Range: 0 to 50 mg/L (mg/L) Resolution 0.01 or 0.1 mg/L (user selectable) Accuracy: 0 to 20 mg/L, \pm2% of the reading or \pm0.2 mg/L, whichever is greater; 20 to 50 mg/L, \pm6% of the</p>	One set

		<p>reading</p> <p>Barometer: Range 500 to 800 mmHg (mmHg, inHg, mbars, Psi, Kpa) Resolution 0.1 mmHg Accuracy: ±5 mm Hg within ±15°C of calibration temperature</p> <p>pH 4, 7, 10 buffers</p>	
9	<p>Turbidity Meter</p> <ul style="list-style-type: none"> • Warranty:1-3 years. Quality cum price will be the selection method. • Essential checking (all light intensity), advanced maintenance (supply with calibration and cleaning kits/reagents) will be provided by principal company/supplier team. • Calibration certificate and Registered certified product. • Preference will base on past experiences on availability of other accessories/parts, after sales/repair/maintenance services up to 3 years. 	<p>Range: 0.00 to 9.99; 10.0 to 99.9; 100 to 1200 NTU Resolution: 0.01; 0.1; 1 NTU Range Selection: Automatic Accuracy: ±2 % of reading plus 0.05 NTU Repeatability: ±1% of reading or 0.02 NTU, whichever is greater Turbidity Standards: <0.1, 10, 100, and 500 NTU Calibration: Two, Three, or Four-point Calibration</p>	one
10	Hand-held Refracto-Meter	Salinity measurement 1 – 100 parts per thousand	Two
11	GPS Hand held with SD card latest version	Water proof, high sensitivity receiver, rubber side grips, memory backup ability, updated series.	Two
12	Top load Balance	Capacity: 2 Kg, Readability 01 g (Reproducibility: ±0.001g, Linearity: 0.002.	One

13	<p>Analytical balance</p> <ul style="list-style-type: none"> Warranty:1-3 years. Quality cum price will be the selection method. Essential checking (all light intensity), advanced maintenance (supply with calibration and cleaning kits/reagents) will be provided by principal company/supplier team. Calibration certificate and Registered certified product. Preference will base on past experiences on availability of other accessories/parts, after sales/repair/maintenance services up to 3 years. 	<p>Precision weighing Resolution: upto 0.0001 g Capacity: 200-300g Draft shields Internal calibration Fast stabilization (preferably with a stability indicator) and response time Compensate for vibration, drafts and temperature change LCD display with back light Splash proof design, chemical resistant and removable weighing pan Calibration certificate required Warranty 2-5 years</p>	one
14	Digital Camera (Field) Outdoor enthusiasts and beachgoers (water-,dust-and shock-resistant camera).	With downloading cable and memory card (8 GB) and battery	One
15	Generator	Generator 5 Kv	One
16	Life jacket	For 80 to 100 Kg weigh person	12
17	Auto titrator /Bottle top burette/Dispenser High accuracy precise titration Smooth running operation,	Drop wise titration Delivery minimum 0.1ml,Capacity 50 ml	one
18	Laboratory stirrer and Hot plate	Chemical resistance, hot top indicator, Display LED digital	one
19	Micropipette, with precision and accuracy, with improved flexibility. Simple operation. And boxes with pipette tips for each type.	Volume 20-200 (μ l) 100- 1000 (μ l) 500-5000 (μ l)	One each
20	Carboys with stopcock PELD /with PP Screw cap 38 mm dia. Capacity 25 litter		Four
21	Consumables In glass (Pyrex or equivalent) Quality and price is selection criteria	Pipette 10 ml glass & (graduated)	12 each
		Beaker 100 ml, 500 ml	2 each
		Conical flasks Erlenmeyer, narrow mouth, graduated 250 ml	six
		Graduated cylinders (glass, amber graduated, 1 litter, 100 ml, 50 ml)	2 each
		Graduated cylinders (pp, blue graduated, 1000 ml)	two
		Volumetric flasks, Class A, with pp stopper (100 ml, 250 ml, 1000 ml)	2 each

		Ring mark	
		Glass Reagent bottles, wide mouth with standard joint and glass flat-head stopper. (amber and clear) 500 ml, 250 ml, 100 ml	4 each
		Reagent bottles, wide mouth with pp, transparent, with NS stopper made of pp. good chemical resistance, ideal for long term storage of liquids. 500 ml, 250 ml, 100 ml	4 each
		Wash bottle imported (500 ml capacity) chemical resistance.	Four
		Absorbents sheet	4 doz
		Pipette filler	Four
		Pipette controller	Two
		Magnetic stirrer	Four
		Glass rod small size	
		Glass Funnels with short stem For filter paper 70/90/120 mm	4 each
		Gloves surgical	2 box
		Forceps (St. steel, pointed, ridges at the top)	Two
		Forceps PMP. White, pointed, elastic, elastic, self-sprung	Two
		Spatula with spoon (Steel, PS type)	Two
		Standard jars, wide mouth 500 ml, 250 ml with screw cap	Four doz
22	Chemicals MERCK	Manganous sulphate	One kg
		Sodium hydroxide	each
		Potassium hydroxide	
		soluble starch	
		Sodium thiosulphate	
		Sodium carbonate	
		Carbon bisulphide	
		Buffer for Formalin	
		Formalin	5 liter
		H ₂ SO ₄	5 liter
		HCl	5 liter

**IT-23. INSTRUCTIONS TO TENDERERS
(CLAUSE REFERENCE)**

IT 23. INSTRUCTIONS TO TENDERERS (CLAUSE REFERENCE)

23.1 Name of National Institute of Oceanography and Address

Director General
National Institute of Oceanography
ST-47, Block-1, Clifton, Karachi-75600 Pakistan
Phones: (92-21) 99251172-8, Fax: (92-21) 99251179, 34166418
E-mail: niopk.gov.pk@gmail.com

23.2 Tender shall be quoted entirely in Pak. Rupees. The items to be imported for this tender should be quoted in Pak Rupees (C&F) and for the local items in Pak Rupees only. The payment shall be made to the supplier in Pak. Rupees.

- a. The tenderer / manufacturer / distributor / supplier have the financial, technical capability necessary to supply Oceanographic Scientific Instruments / Chemicals / Accessories etc.
- b. The Firms shall be liable to supply the requisite items within Ninety days after issuance of supply order(s) at NIO, ST-47, Block-1, Clifton, Karachi, at their own expenses and even at short notice if needed.
- c. If during the currency of the period it is found that sub-standard items or in-genuine are supplied, the contract will be cancelled and Security Deposits will be forfeited and the Firm will also be blacklisted.
- d. The Firms must have Sales Tax Registration Certificate, National Tax Number and Vender Number and have proper offices, shops/stores in Karachi as well as facilities of telephone/fax and email.
- e. Submission of any false statement/documents including concealing of information is likely to disqualify the bidder.
- f. This Institute reserves the right to accept or reject any or all tenders without assigning any reason in accordance with rule 33(1) of PPRA-2004.

23.3 (a) A detailed description of the Works, essential technical and performance characteristic

(b) Complete set of technical information, description data, literature and drawings as required in accordance with Tendering Data, Specific Works Data. This will include but not be limited to a sufficient number of drawings, photographs, catalogues, illustrations and such other information as is necessary to illustrate clearly the significant characteristics such as general construction dimensions and other relevant information about the works to be performed.

23.4 Amount of Tender Security

2% of the quoted price

23.5 Period of Tender Validity

90 days from the date of tender opening.

23.6 Number of Copies of the Tender to be Submitted

One original plus 1 copy.

23.7 (a) National Institute of Oceanography's Address for the Purpose of Tender Submission

Director General
National Institute of Oceanography
ST-47, Block-1, Clifton, Karachi-75600 Pakistan
Phones: (92-21) 99251172-4, 34166336
Fax: (92-21) 99251179, 34166418
E-mail: niopk.gov.pk@gmail.com

(b) Warning

DO NOT OPEN BEFORE: 09 January 2018.

23.8 Deadline for Submission of Tenders

11:00 AM, 09 January 2018.

23.9 Venue, Time, and Date of Tender Opening

National Institute of Oceanography
ST-47, Block-1, Clifton, Karachi-75600 Pakistan
Time: 11:30 AM
Date: 09 January 2018.

23.10 Responsiveness of Tenders

- (i) the Tender is valid till required period,
- (ii) the Tender prices are firm during currency of contract.
- (iii) completion period offered is within specified limits,
- (iv) the Tender/Manufacturer is eligible to Tender and possesses the requisite experience,
- (v) the Tender does not deviate from basic technical requirements and
- (vi) the Tenders are generally in order, etc.

**IT-24. FORMS OF TENDER
AND
SCHEDULES TO TENDER**

IT-24. FORM OF TENDER & SCHEDULE - TO TENDER

(LETTER OF OFFER)

To: _____

Gentlemen,

1. Having examined the Tender Documents including Instructions to Tenderers, Tendering Data, Conditions of Contract, Contract Data, Specification, and Addenda Nos. _____ for the supply of Oceanographic Scientific Instruments / Chemicals / Accessories, we, the undersigned, being a company doing business under the name of and address _____

and being duly incorporated under the laws of Pakistan hereby offer to supply the Oceanographic Scientific Instruments / Chemicals / Accessories and remedy any defects therein in conformity with the said Documents including Addenda thereto for the Total Tender Price of Rupees (_____) or such other sum as may be ascertained in accordance with the said Documents.

2. We understand that all the Schedules attached hereto form part of this Tender.

3. As security for due performance of the undertakings and obligations of this Tender, we submit herewith a Tender Security in the amount of _____ drawn in your favour or made payable to you and valid for a period of 28 days beyond the period of validity of Tender.

4. We undertaken, if our Tender is accepted, to supply the Oceanographic Scientific Instruments / Chemicals / Accessories comprised in the Contract within the time(s) stated in Contract Date.

5. We agree to abide by this Tender for the period of 90 days from the date fixed for receiving the same and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

6. Unless and until a formal Agreement is prepared and executed, this Tender, together with your written acceptance thereof, shall constitute a binding contract between us.

7. We undertake, if our Tender is accepted, to execute the Performance Security referred to in Conditions of Contract for the due performance of the Contract.

8. We understand that you are not bound to accept the lowest or any Tender you may receive.

9. We do hereby declare that the Tender is made without any collusion comparison of figures or arrangement with any other person or persons making a Tender for the Works.

Dated this _____ day _____ Signature _____ in the capacity of _____ duly authorized to sign tenders for and on behalf of

(Name of Tenderer in Block Capitals)

Address:

Witness: