

DRAFT
EXPORT INSPECTION AGENCY -KOLKATA
SUB OFFICE BHUBANESWAR

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TENDER NOTICE FOR LAB EQUIPMENT

Sealed Tender / quotation are invited from authorised dealers/suppliers for the supply of the various laboratory Equipments/Instruments, Items. Tender/Quotation documents may be downloaded and submitted on or before 30.11.07 by 14.00 hrs. to Deputy Director (I/c), Export Inspection Agency - Kolkata, Sub Office Bhubaneswar, N-1/271, Nayapalli, IRC Village, Bhubaneswar - 751015. The quotation shall be opened on 03.12.07 at 14.00 hrs. For details of the items/quantity & terms and conditions including technical specifications to be complied, please visit our website www.eicindia.org.

The Tender offer/Quotation should be complete in all respect and submitted along with the "Cost of Tender document " of Rs. 2,500=00 (Rupees Two thousand five hundred only) by way of demand draft payable to Export Inspection Agency - Kolkata at Kolkata failing which the offer will summarily be rejected. The successful bidders shall also have to deposit a Performance Bond/Bank Guaranty in respect of all tendered items except Micropipettes & HPLC columns.

EXPORT INSPECTION AGENCY-KOLKATA
Sub Office Bhubaneswar
N-1/271, Nayapalli, IRC Village, Bhubaneswar-751015
Head Office: World Trade Centre,
14/1B, Ezra Street, Kolkata - 700001

Tender Enquiry No.EIA/KOL/BBSR/2007/1

LABORATORY EQUIPMENTS FOR EXPORT INSPECTION AGENCY- KOLKATA, S/O BHUBANESWAR

TERMS & CONDITIONS AND INSTRUCTIONS TO TENDERERS

1 INVITATION

Export Inspection Agency-Kolkata, Sub office Bhubaneswar (referred to as "the purchaser" in this Tender Document) invites wax Sealed Tenders in two bid system (Technical & Financial) for supply, installation, commissioning and training, as applicable for various equipments/ instruments/ items etc, as listed in Annexure-A, for it's Laboratory located at N-1/271, Nayapalli, IRC Village, Bhubaneswar-751015

The Technical & Financial bid should be submitted in individually sealed envelopes, they both shall be identical except that the Technical bid shall not indicate the prices. These two envelopes should be marked clearly as Technical & financial bids sealed separately, superscribed with this office enquiry no & again put in a bigger envelope & sealed properly, superscribed with this office enquiry no, mentioning the Quote for the specified equipments/ instruments/ items etc along with the due date of opening. Separate quotations have to be submitted for individual equipments/ items etc.

2 SPECIFICATION

i The various equipments/ instruments/ items etc, complete in all respect including its accessories may be indigenous or imported in full or part. The same should be specifically mentioned including the name of the equipments/components/accessories which are not indigenous

ii. Equipments/ instruments/ items etc with latest technology may be given preference

iii Equipments/ instruments/ items etc should be provided with the required certificate of performance as applicable

iv All necessary catalogues/applications vis-à-vis configuration/technical literatures/ data/ application notes etc as are considered essential for full and correct evaluation of the offers made shall invariably accompany the tender

v For proper Operationalization of the quoted equipments/ instruments etc, specific pre-installation site requirements are to be included in the offer itself & are under the scope of supply of the bidder

3 PRICES

Price quoted in the Financial bid for equipments/ instruments/ items etc, should be for delivery F.O.R. at Export Inspection Agency-Kolkata, Sub office Bhubaneswar, N-1/271, Nayapalli, IRC Village, Bhubaneswar 751015, inclusive of all charges such as packaging, forwarding, transit insurance, installation, commissioning and application/technical support/trainings, as applicable and the same shall be itemized categorically for their charges. In an event of no such mention in the quote, it will be presumed that the prices quoted are inclusive of all such charges and there will be no liability of any kind on the purchaser's part

a) Prices quoted must remain firm for 90 days from the Opening Date of Quotation and shall be in Indian currency only

4 DUTIES & TAXES

If Excise duty or any other statutory charges like Octroi, Sales tax, VAT, etc are to be paid extra the same may be specifically stated (it is advised not to mention in quotes as " extra as applicable") In the absence of any such stipulation in the quotes it will be presumed that the prices quoted by the tenderer are inclusive of all such charges and no liability for such payments will develop upon the purchaser later on

5 DELIVERY PERIOD

Delivery period should be within 30 days from the date of placement of Order. However, preference may be given to the tenderers who could supply the materials immediately or earlier than the due date which shall be specifically mentioned in the quote/tender/offer.

6 INSTALLATION AND COMMISSIONING

In case the tenderer(s)/supplier(s) fail to satisfactorily install/commission the Equipments/ instruments/ items etc, they shall be liable for its withdrawal/replacement without any liability on the purchaser

7 INSTRUCTION MANUAL AND APPLICATION NOTES

Instruction/operation Manual and application notes as necessary to enable the purchaser to put the Equipments/ instruments/ items etc, for proper use are to be provided

8 GUARANTEE/WARRANTY

The successful tenderer shall furnish guarantee/warranty wherever applicable in case the order is placed on them. The Equipments/ instruments/ items etc, offered shall remain in good working condition for a minimum period of 12 months from the date of successful installation and commissioning unless otherwise agreed upon and within this period repair or replacement wherever applicable, if any, shall be provided free of cost (the parts, consumables etc, that form a part of the equipment & are not covered in the Guarantee/ Warranty should be clearly mentioned) It shall also be guaranteed that spare parts, consumables and accessories will be supplied if and when required by the purchaser after the warranty period also preferably for 5 years at least (the period is to be specified)

9 AFTER SALES SERVICE

- (a) Charges towards AMC services as applicable for Equipments/ instruments/ items etc after expiry of guarantee/warranty period (for a minimum of three years) to be specified
- (b) The names, addresses and contact numbers of their local Authorized Service Centers preferably in Bhubaneswar or alternatively Kolkata to be mentioned

10 TERMS OF PAYMENT

For indigenous as well as imported Equipments/ instruments/ items etc payment to the extent of 95% will be made only after satisfactory installation & commissioning and balance 5% after satisfactory performance including training

11 PERFORMANCE BOND/ BANK GUARENTEE

The successful tenderer to whom supply & installation contract is awarded shall furnish a performance bond (that is refundable after completion of the guarantee/ warranty period) within 7days in the form of a bank guarantee as per the specimen in this tender document as Annexure-B for an amount equal to 10% of the total base value (excluding the statutory charges and workmanship) of the contract valid till expiration of the warranty/guarantee period, as security deposit for the satisfactory performance of the equipments supplied under the contract the date beginning on satisfactory installation.

MODE OF SUBMISSION OF TENDERS

- a) Quote/ Tender should be in wax sealed envelopes submitted and superscribed clearly with tender enquiry number on top of the envelope as "Tender for Laboratory Equipments/ instruments/ items etc" With due date of opening of tender The Envelope should be addressed to The Deputy Director (I/c), Export Inspection Agency-Kolkata, Sub office Bhubaneswar, N-1/271, Nayapalli, IRC Village, Bhubaneswar-751015
- b) The tendering firms should quote only based on conditions referred to above Participation in the Tendering for supply & installation of Laboratory Equipments/ instruments/ items etc, to this office as referred in this tender document deems to acceptance of this office terms and conditions referred herein by the bidder & no negotiations in this regard will be entertained Any reservations by the tenderer will lead to summarily disqualification of their Quote/ offer/tender
- c) All Quotes/ offers/ tenders shall be submitted on the letter-head of the tendering firm in English or in Hindi giving clearly the following information's
- (i) Name of the equipments for which the offer is made
 - (ii) Details of the equipments offered with its technical specifications along with brochures, leaflets/operational manual, application notes etc as applicable
 - (iii) Rate per unit
 - (iv) Delivery period
 - (v) Authorization/Recognition/Agent document from parent company to be enclosed
 - (vi) Other details/documents as mentioned elsewhere in the terms and conditions
 - (vii) Undertaking to abide by the terms & conditions stipulated in this tender document
- d) The individuals signing the tenders and related documents must specify the capacity in which they are sign i.e Sole Proprietor, Partner, Agent, Authorized Signatory or Attorney etc The name and designation of the person (s) signing the tender documents should be mentioned.

14 DUE DATE OF OPENING OF QUOTATIONS/ OFFERS/ TENDERS

Quotes/ Offers/ Tenders received after the Due date i.e **30.11.2007 (1400 hrs.)** will not be considered It will therefore be in the interest of the tenderers to ensure that the Quotes/ Offers/ tenders are submitted well in time and no liabilities will be developed on us for transit delays

12 RIGHT OF ACCEPTANCE OF OFFER

Incomplete offers specially with regard to not detailing the specifications of the equipments are liable to be rejected Quotes/ Offers/ Tenders without specified EMD amount will be summarily disqualified/ rejected The Deputy Director (In-charge), Export Inspection Agency-Kolkata, Sub office Bhubaneswar reserves the right to accept or reject any offer in whole or in part without assigning any reasons

13 JURISDICTION

All questions, disputes or differences arising out of contract, if concluded shall be subject to exclusive jurisdiction of Hon'ble Court of Justice at Bhubaneswar

14 OPENING OF TENDERS

- a) The Tender shall be opened on **01.11.2007 at 1400** hours in the office, Export Inspection Agency-Kolkata, Sub office Bhubaneswar, N-1/271, Nayapalli, IRC Village, Bhubaneswar-751015, in presence of such tenderers who wish to be present during the opening of the technical tenders In case this date happens to be a declared holiday for the office of the purchaser, the tenders shall be opened at the appointed time and location on the next working day

**EXPORT INSPECTION AGENCY-KOLKATA
SUB OFFICE BHUBANESWAR**

SPECIFICATION FOR OPEN TENDER

ITEM NO.1**Refrigerated Centrifuge; (Quantity required---1No.)**

Bench top, microprocessor controlled, pre-cooling programmable, Lid lock & interlock facility, imbalance & rotor recognition feature. The centrifuge should work on electrical supply of 220-240V, 50-60Hz & is to be supplied with a compatible stabilizer.

Max. Speed: - 20000rpm

Max. RCF/ Gravity: - 20000g

Max. Capacity: - 6 x 250ml

Temp. Range: at least -15 °C to ambient.

Drive: - preferably induction drive without carbon brushes, spindle drive technology for maximum Sample imbalance tolerance.

Rotor: - fixed angle of 45°, to hold at least 4 x 50ml compatible falcon type conical bottom polypropylene centrifuge tubes with minimum 10000g achievable at 4°C temp. Compatible adaptors for the same rotor for holding compatible 1.5-2.0ml & 15ml falcon type conical bottom polypropylene centrifuge tubes in all slots.

Compatible Polypropylene Centrifuge tubes (preferably BD);

- a. 100 Nos. of 50ml compatible to the quoted rotor, falcon type solvent resistant air tight conical bottom polypropylene centrifuge tubes with cap.
- b. 100 Nos. of 15ml compatible to the quoted rotor or its adaptor, falcon type solvent resistant air tight conical bottom polypropylene centrifuge tubes with cap.
- c. 100 Nos. of 1.5-2.0 ml compatible to the quoted rotor or its adaptor, falcon type solvent resistant air tight conical bottom polypropylene centrifuge tubes with cap.

ITEM NO.2**Orbital Shaker (cum incubator); (Quantity required---1No.)**

Bench top model of high grade SS, well insulated, double door (inside door of transparent glass/fiber). The shaker complete in all respect should work on electrical supply of 220-240V, 50-60Hz & is to be supplied with a compatible stabilizer

Inside chamber space: - 2' x 2' x 2' approximately.

Digitally controlled with display RPM range: - 0-90.

Digitally controlled with display uniform temperature range: - (fan inside) Ambient to 60°C with increment of 0.1°C & accuracy of ±0.1°C, digital display cum controller.

Timer for rpm & temp range: - 30min. to about 24hrs.

Provision (tube stand) for holding 20nos. of 15/ 50ml falcon type polypropylene centrifuge tubes (dia. about 2cm & ht. of about 15cm) with additional provision for holding four conical flasks of 250ml capacity.

ITEM NO.3**Nitrogen Evaporator; (Quantity required---1set)**

Compact bench top microprocessor based water bath with adjustable temperature display cum controller of range ambient to 60°C. Regulator for optimizing, purging of Nitrogen gas with individually controlled sample concentration option. Pressure gauge for N2 flow regulation. The N2 evaporator complete in all respect should have a high grade SS rack/ provision for holding & concentrating at least six sample tubes of minimum capacity 50 ml & 200ml at a time. The system should include complete

tubing & fittings for N₂ supply, venting & electrical connections. Compatible two dozens of glass concentration tubes of 50ml & 200ml each to be supplied. The nitrogen evaporator should work on electrical supply of 220-240V, 50-60Hz & to be supplied with a compatible stabilizer & consumables for system's smooth functioning for at least 2years.

ITEM NO.4

N₂ Generator with Air Compressor for Nitrogen Evaporator; (Quantity required---1set)

Nitrogen Generator with its compatible air compressor capable of producing about 95% (Technical grade) purity N₂ gas (with display) @50LPM or more, at 60psi pressure continuously. The compatible air compressor may or may not be oil free, but of less noise, with an air cooled receiver (provision for Canopy & reducing noise for the air compressor is in the scope of supply). The nitrogen generator complete in all respect should work on electrical supply of 220-240V, 50-60Hz & is to be supplied with all consumables for system's smooth functioning for at least 2years.

The N₂ generator with air compressor should be supplied with timer based high efficiency moisture trap & separator. All tubing, fittings, solenoids, drains, safety valves, pressure gauges, pressure regulators, interconnecting piping between N₂ Evaporator & N₂ generator is under the scope of supply. A suitable reservoir for storing N₂ of capacity 200L Water Capacity to be provided with control valves, regulators, pressure gauges & safety valves. The N₂ generator must be compatible with the "ITEM NO.3, Nitrogen Evaporator" referred above. The scope of supply complete in all respect includes all civil, masons, plumbing & electrical work required for the smooth trouble free functioning of the system.

ITEM NO.5

Ultrasonic bath; (Quantity required---1No.)

Plug in type with lid & timer controlled 9 litres Capacity ultrasonic bath with Tank size of about 300(L) x 200(B) x 150(H) in mm. The ultrasonic bath should work on electrical supply of 220-240V, 50-60Hz.

ITEM NO.6

Micro-balance; (Quantity required---1No.)

High accuracy top pan balance with electronic display cum self calibration facility of maximum weighing capacity of 210gm, least count & accuracy of 1mg. The balance should work on electrical supply of 220-240V, 50-60Hz & is to be supplied with a compatible UPS/ Voltage stabilizer & a vibration controlling suitable balance table.

ITEM NO.7

Micropipettes; (Total Quantity required---4Nos.)

Variable volume single channel high accuracy sturdy & smooth operation micropipettes having calibration facility & certificate of preferably following range;

- 5-100µl with increments of 0.1 µl---One no. with compatible dispensing tips 2000nos.
- 100-1000 µl with increments of 1.0 µl. ---Two nos. with compatible dispensing tips 4000nos.
- 1000-5000 µl with increments of 5.0 µl---One no. with compatible dispensing tips 500nos.
- High grade good quality Plastic Stand to hold at least 4-6 Micropipettes of above ranges.

ITEM NO.8

HPLC Gradient Grade Water Purification System; (Total Quantity required---1set)

Complete in all respect including civil, plumbing & electrical work, Water Purification process system to produce Double distilled grade & Gradient grade HPLC water with purification packs & cartridge specific for Municipality feed water to generate final Product water quality (minimum spec.) of;

Resistivity-18.2 mega ohms, Bacteria- <1cfu/ml, Particulate- <1/ml, TOC-<1ppb, Gradient grade water output Flow rate-1.5L/min. Reservoir for Double distilled grade water-30L. The complete system should work on electrical supply of 220-240V, 50-60Hz & is to be supplied with a compatible Voltage stabilizer with consumables for systems smooth functioning for at least 2years.

ITEM NO.9**Solvent Filtration Kit/ Assembly with Vacuum pump; (Total Quantity required---1set)**

Complete Glass/ SS Solvent filtration assembly/ kit with 0.45µm membrane filters (500nos.), collection glass reservoirs one each of 250ml, 500ml, 1.0L & 2.0L along with compatible oil free vacuum pump.

ITEM NO.10

Stand alone complete in all respect Column Oven with digital display cum controlled (range ambient to 60°C) for holding HPLC column having temperature accuracy & increment of 1°C or better
(Total Quantity required---1set)

ITEM NO.11

HPLC column: - RP-18, 250 x 4.6mm, 5µm particle size.

With compatible **Guard columns** (1pk of 10nos.) &

Guard column Holder (1no.)

(Total Quantity required---2sets of all above)

ITEM NO.12

Vacuum Manifold complete assembly & vacuum pump; (Total Quantity required---1set)

10 – Port Vacuum Manifold for SPE extraction complete in all respect:

Tank constructed of chemically resistant, vacuum-safe glass, Ultra high molecular weight polyethylene lid that ensures excellent solvent resistance, Vacuum gauge with coarse and fine control valves for monitoring and adjustment of vacuum levels, plus a safety release valve, Standard height adjustable rack for 16mm test tubes, Clearly marked ports and racks to ensure correct positioning of collection vessels
Needle retainer -10 nos. Port seal plugs (10 nos.). Individually controlled PTFE top cock-10 nos. Spare parts kit for extraction unit: Large Sample Loading Kit for 10 ports Vacuum Manifold, Glass tube 16mm x 100mm-100nos. Trap Kit - 500ml. SPE elution test tube rack: Rack: 10x10mm adjustable height. Rack: 10x12mm adjustable height. Rack: 20x10mm adjustable height. Rack: 20x12mm adjustable height. S.S. Elution test tube stand for 20 no. Compatible Vacuum pump suitable for SPE vacuum manifold that is oil Free with tubing etc. 500nos. of RP18/C18 500mg-1g, 6CC ODS SPE cartridges to be supplied along with the system (of EMerck make or equivalent).

ANNEXURE - B
PERFORMANCE BOND
(To be executed by the Contractor's Bank)

The Deputy Director (In-Charge)
EXPORT INSPECTION AGENCY - KOLKATA
Sub Office Bhubaneswar
N-1/271, Nayapalli, IRC Village,
Bhubaneswar - 751015

Where on or about the _____ having its registered office at _____ (hereinafter called the contractor) entered into an Agreement No _____ dated _____ for supply of _____ (hereinafter called the contract) with the Deputy Director (I/c) EXPORT INSPECTION AGENCY - KOLKATA. Sub office Bhubaneswar, Bhubaneswar - 751015 (hereinafter called the 'Purchaser').

And whereas under the terms and conditions of the contract final payment amounting to - _____ under the contract is to be made against a performance bond in the form of a Bank Guarantee furnished by the contractor for a sum of _____ equivalent to 10% (ten percent) of the basic value of the contract towards satisfactory performance of the _____ (hereinafter called the equipment) valid for a period of 12 months from the date of putting into successful operation of the said equipment.

Now we the _____ Bank in consideration of the promises and payment of the final/balance amount of _____ under the contract to the contractor hereby agree and undertake to pay on demand and without any demur to the Deputy Director (I/c) Export Inspection Agency - Kolkata, Sub Office Bhubaneswar, Bhubaneswar - 751015, on behalf of the contractor a sum not exceeding _____ against any loss or damage that may be suffered by the purchaser by the reasons of any unsatisfactory performance of the said equipment.

And we hereby also agree that the decision of the said Deputy Director (I/c) Export Inspection Agency - Kolkata, sub Office Bhubaneswar as to whether the said equipment is giving satisfactory performance or not and as to the amount of loss or damage suffered by the purchaser on account of unsatisfactory performance of the said equipment shall be final and binding on us.

And we _____ (Bank) hereby further agree that our liability hereunder shall not be discharged by virtue of any agreement between the purchaser and the contractor whether with or without knowledge and /or consent or by reason of the purchaser showing and indulgence or forbearance to the contractor whether as to payment, time performance, or any other matter whatsoever relating to the contract which but for this provision would amount to discharge of the surety under the law.

Our guarantee shall remain in force until _____ and unless a claim under the guarantee is lodged with us within six months from that date, all rights of the purchaser under the guarantee shall be forfeited and we shall be relieved and discharged from all our liabilities hereunder.

Our liability under the guarantee shall be affected by any change in our constitution or the constitution of the contractor.

(Stamp & Signature)

For and on behalf of _____ (Bank) dated at _____ the
_____ 2007.