EXPORT INSPECTION AGENCY-MUMBAI PILOT TEST HOUSE

(Ministry of Commerce & Industry, Government of India) E-3, MIDC, Andheri (East), Mumbai - 400 093

H.O.: Aman Chambers, 4th floor, 113, Maharishi Karve Road, Mumbai-400 004.

NOTICE INVITING TENDER

Sealed Tenders are invited on behalf of the Officer Incharge, Export Inspection Agency-Mumbai for supply / installation / commissioning, etc. of the following equipments / items as detailed below for its laboratories at Mumbai and Veraval:

Tender	Description	Cost of Tender	EMD
Enquiry No.	7	Document (Rs.)	Amount (Rs.)
EIA/MUM/PTH/	(1) Automated Elisa Plate Reader with all accessories.	2,000/-	10,000/-
2005/1	(2) Elisa Test Kits for quantitative detection of various		
	residues, (3) Bacterial Inhibitors test kits & (4) Beta		
	Lactum test kits with required accessories / workstation.		

The tender document containing details, specifications, place of supply and terms & conditions and instructions to the tenderers can be obtained only from Pilot Test House, E-3, MIDC, Andheri (East), Mumbai - 400 093 on all working days upto 28.07.2005, on payment of Rs. 2,000/- by way of Pay Order / Demand Draft in favour of "Pilot Test House" payable at "Mumbai". If required by post an additional amount of Rs.100/- to be added. The tender document is non transferable & its cost is not refundable.

The tenders complete in all respects along with EMD shall be received on or before 03.08.05 upto 1430 hrs. at Pilot Test House, Andheri (E), Mumbai-400 093 and will be opened on the same day at 1530 hours in its Conference Room in presence of intending tenderers. Tenders received without EMD shall not be entertained.

The Officer Incharge of EIA-Mumbai reserves the right to accept or reject any offer in whole or in part without assigning any reason thereof. This tender notice may also be seen from our Web site: http://www.eicindia.org

EXPORT INSPECTION AGENCY-MUMBAI PILOT TEST HOUSE

(Ministry of Commerce & Industry, Government of India) E-3, MIDC, Andheri (East), Mumbai - 400 093

Fax: +91-22- 28369868 Web site: http://www.eicindia.org

H.O.: Aman Chambers, 4th floor, 113, Maharshi Karve Road, Mumbai-400 004.

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Tender	Description	Cost of Tender	EMD
Enquiry No.	7	Document (Rs.)	Amount (Rs.)
EIA/MUM/PTH/	Reference/Analytical Standards of (i) Sudan I, II, III & IV	100/-	500/-
2005/1-a	(ii) Aflatoxin M1, B1, Mix (B1 + B2+G1+G2)		
EIA/MUM/PTH/	(1) Automated Elisa Plate Reader with all accessories.	2,000/-	10,000/-
2005/1-b	(2) Elisa Test Kits for quantitative detection of various		
	residues, (3) Bacterial Inhibitors test kits & (4) Beta		
	Lactum test kits with required accessories / workstation.		

The tender document containing details, specifications, place of supply and terms & conditions and instructions to the tenderers can be obtained only from Pilot Test House, E-3, MIDC, Andheri (East), Mumbai - 400 093 on all working days upto 28.07.2005, on payment of relevant amount as mentioned above by way of Pay Order / Demand Draft in favour of "Pilot Test House" payable at "Mumbai". If required by post an additional amount of Rs.100/- to be added. The tender document is non transferable & its cost not refundable.

The tenders complete in all respect along with EMD shall be received on or before 03.08.05 upto 1430 hrs. at Pilot Test House, Andheri (E), Mumbai-400 093 and will be opened on the same day at 1530 hours in the Conference Room of Pilot Test House, Andheri (E), Mumbai-93 in presence of intending tenderers. Tenders received without EMD shall not be entertained.

The Officer Incharge of EIA-Mumbai reserves the right to accept or reject any offer in whole or in part without assigning any reason thereof. This tender notice may also be seen from our Web site: http://www.eicindia.org

EXPORT INSPECTION AGENCY-MUMBAI PILOT TEST HOUSE

E-3, MIDC, Andheri East, Mumbai-400 093 Head Office: Aman Chambers – (4th Floor), 113, Maharishi Karve Road, Mumbai – 400 004.

Tender Enquiry No.EIA/MUM/PTH/2005/1

LABORATORY EQUIPMENTS/INSTRUMENTS/TEST KITS/ SOFTWARE FOR EXPORT INSPECTION AGENCY- MUMBAI

TERMS & CONDITIONS AND INSTRUCTIONS TO TENDERERS

1. INVITATION

Export Inspection Agency-Mumbai, Pilot Test House, (referred to as "the purchaser" in this Tender Document) invites Sealed Tenders for supply, installation, commissioning, application support and training, as applicable, of Laboratory Equipments/Instruments/Test Kits/Software etc. for it's Laboratories at E-3, MIDC, Andheri (East), Mumbai–400093 and at Export Inspection Agency, Sub-Office Veraval, Kasturi Building (2nd Floor), Bunder Road, Veraval-362265.

2. COST OF TENDER DOCUMENT & EARNEST MONEY DEPOSIT (EMD)

Cost of Tender Document and Earnest Money Deposit shall be as detailed below:

Tender	Description	Cost of	EMD
Enquiry		Tender	Amount
No.		Document	(Rs)
ELA/MIDA/	1) Automoted Digital/LCD Elica Digita Dander along with all manifed accessing	(Rs.)	10.000/
EIA/MUM/	1] Automated Digital/LCD Elisa Plate Reader along with all required accessories	2,000/-	10,000/-
PTH/2005/1	so as to make it completely operational.		
	Accessories for Automated Digital/LCD Elisa Plate Reader:		
	(i) Fully Automatic Micro Plate Washer		
	(ii) Electronic Micropipettes with self calibration mode along with compatible		
	1000 tips		
	(a) Range 10 to 100 micro liters with increment of at least 5 micro liter		
	(b) Range 100 to 1000 micro liters with increment of at least 50 micro liters		
	(iii) Vortex Mixer		
	(iv) Operating software for Elisa System:		
	2] Elisa Test Kit for quantitative detection of the following residues:		
	(i) Chloramphenicol (ii) Sulfonamide drugs (No cross reactivity with approved		
	Sulfadimethoxine, Sulfabromomethazine and Sulfaethoxypyridazine) (iii)		
	Aflatoxin Total (iv) Aflatoxin M1		
	(v) Diethylstilbestrol (DES) (vi) Clenbuterol (vii) Histamine		
	3) <u>Bacterial Inhibitors Test Kit</u> with necessary required material / item		
	4) Total Residual Antibiotics (as Betalactum) Test Kit for quantitative analysis of		
	Raw milk with preservatives like formalin/formaldehyde, along with		
	workstation/all required accessories so as to make it completely operational.		

The cost of Tender Document and Earnest Money Deposit (EMD) as per overleaf shall be paid through Bank Draft/Bankers Cheque drawn in favour of "Pilot Test House" payable at "Mumbai" and EMD amount shall accompany with the tender/offer.

The tender document is not transferable; also the cost of tender document is not refundable.

The tenderer shall return the duly signed tender document with their sealed offer.

Tender notice can also be seen on our website http://www.eicindia.org

3. APPLICATION AREAS

The details of Application Areas are given in Annexure-I.

4. SPECIFICATION

- i. The details of laboratory equipments/instruments/test kits/software etc. with configuration/technical specifications/requirements are provided in Annexure-II.
- ii. The equipments/instruments/test kits/software/etc. 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.
- iii. Equipments/instruments/test kits/software etc. with latest technology may be given preference.
- iv. Equipments/instruments/test kits/software etc. should be provided with the required calibration certificate/certificate of performance/validation document/approval document from organization of reputed / or their equivalent, as applicable.
- v. 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.
- vi. The quotation for Test kits should be supported with validation document and/or certificate of performance and also with detailed test procedures both for sample preparation and assay for various matrix of our Application Areas given in Annexure-I

5. ALTERNATIVE OFFERS

If any departure or substitution from the specifications of the equipments/ instruments/test kits/software etc. contained in Annexure-II to this tender document is involved this should be clearly indicated in the tender.

Offers made with alternative/equivalent specifications should contain sufficient details to show the alternate would serve the purpose.

6. ESSENTIAL AND PRE-REQUISITE ACCESSORIES etc.

Offers shall also include unit prices for essential and pre-requisite accessories, etc. optional accessories and spares necessary for satisfactory operation of the equipments/instruments/ items/software etc. as applicable, for a period of minimum 3 years shall also be quoted.

Prices for above mentioned accessories and spares etc. shall be itemized. Offers with lump-sum prices should be avoided and care should be taken to list out each item of spares and quantity recommended and also the individual prices for these items.

7. PRICES

- a) Prices must be stated for each item separately. The percentage of discount, if any, on the each item as well as on total price should be quoted if the order to that extent be placed with the tenderer.
- b) Price quoted for equipments/instruments/test kits/software etc. should be for delivery F.O.R. to the laboratory at Pilot Test House, E-3, MIDC, Andheri (East), Mumbai-400093 and Export Inspection Agency, Sub-Office–Veraval, Kasturi Building (2nd Floor), Bunder Road, Veraval-362265 inclusive of all charges such as packaging, forwarding, transit insurance, installation, commissioning and application/technical support/trainings, as applicable.
- c) Prices quoted must be firm and shall be in Indian currency.

8. DUTIES & TAXES

If excise duty or any other charges like Octroi, Sales tax, VAT, etc. are to be paid extra the same may be specifically stated. In the absence of any such stipulation in the tender it will be presumed that the prices quoted by the tenderer are inclusive of all such charges and no liability for such payments will be developed upon the purchaser.

9. <u>VALIDITY OF OFFERS</u>

Offers made shall remain open for acceptance for 90 days from the last date specified for receipt of tender offers.

10. DELIVERY PERIOD

Delivery period for each equipment/instruments/test kits/software/etc. should be within 45 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 tender/offer.

11. SHELF LIFE

Elisa Test Kit and other test kits shall have at least 8-12 months shelf life from the date of delivery and the delivery of the test kits would be staggered as per our requirements/purchase order.

12. INSTALLATION AND COMMISSIONING

In case the tenderer/supplier fails to satisfactorily install/commission the equipments/ instruments/test kits/software etc. they shall be liable for its withdrawal/replacement without any liability on the purchaser.

13. INSTRUCTION MANUAL AND APPLICATION NOTES

Instruction/operation Manual and application notes as necessary to enable the user to put the equipments/instruments/test kits/software etc. for proper use are to be provided.

14. GUARANTEE/WARRANTEE

The tenderer shall also furnish the details of terms and condition of Guarantee/Warrantee. The successful tenderer shall furnish the following guarantee/warrantee wherever applicable in case the order is placed on them.

The equipments/instruments/items/software etc. offered shall remain in good working condition for a minimum period of 12 months from the date of successful installation and commissioning and within this period repair or replacement wherever applicable, if any, shall be provided free of cost. It shall also be guaranteed that spare parts and accessories will be supplied if and when required by the purchaser after the warranty period also.

15. AFTER SALES SERVICE

- (a) Charges towards AMC services for equipments after expiry of guarantee/warrantee period to be specified.
- (b) The names, addresses and contact numbers of their Authorized Service Centers in Mumbai should be mentioned

16. TERMS OF PAYMENT

For indigenous as well as imported equipments/instruments/items/test kits/software etc. payment to the extent of 95% will be made after delivery, satisfactory installation/ commissioning, as applicable, and balance 5% after satisfactory performance including implementation of Application requirements and training.

17. PERFORMANCE BOND/ BANK GUARENTEE

The successful tenderer shall furnish a performance bond in the form of a bank guarantee preferably as per the specimen at Annexure-A for an amount equal to 10% of the total basic value of the contract valid till expiration of the warrantee/guarantee period, as security deposit for the satisfactory performance of the equipments/instruments/items/software etc. supplied under the contract.

18. MODE OF SUBMISSION OF TENDERS

- Tender should be submitted in two (2) parts, one comprising technical offer/tender and another a) financial offer/tender, both to be submitted in separate sealed envelopes. Technical offer/tender and financial offer/tender should be identical except that the technical offer/tender should not indicate prices. These two envelopes i.e. technical and financial offer/tender should be duly sealed separately and superscribed clearly with tender enquiry number respectively on top of the envelope labeled as technical and financial offers which should be again put in another larger envelope sealed properly and superscribed, "Tender for and as Equipments/Instruments/ Software etc." with tender enquiry number along with due date of opening of technical offer/tender. The Envelope should be addressed to The Deputy Director, Pilot Test House, Export Inspection Agency-Mumbai, E-3, MIDC, Andheri (East), Mumbai-400093.
- b) The tendering firms should quote based on conditions referred to above. In case any terms and conditions herein are not acceptable to the tendering firm they should specifically state the deviation in their offer/tender. The quotation break-up should be given item wise/for each item.
- c) All 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 & Sl. No. of the equipments/instruments/test kits/software etc. as mentioned in Annexure II for which the offer is made.
 - (ii) Details of the equipments/instruments/test kits/software etc. 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.
- 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.

e) Tenders received after the last date i.e. **03.08.2005** (**1430 hrs.**) may not be considered. It will therefore be in the interest of the tenderers to ensure that the tenders are submitted well in time and no liabilities will be developed on us for transit delays.

19. RIGHT OF ACCEPTANCE OF OFFER

Offers without requisite EMD & Incomplete offers specially with regard to not detailing the specifications of the equipments are liable to be rejected. The Officer Incharge, Export Inspection Agency-Mumbai reserves the right to accept or reject any offer in whole or in part without assigning any reasons.

20. 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 Mumbai.

21. OPENING OF TENDERS

- a) The Technical tender/offer shall be opened on **03.08.2005** at **1530** hours in the office of Export Inspection Agency-Mumbai, Pilot Test House, E-3, M.I.D.C., Andheri (East), Mumbai-400 093 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.
- b) During the opening of the Technical tender/offer, tenderers name, presence or otherwise of the requisite EMD and such other details, as the purchaser may consider appropriate, will be announced.
- c) Financial tender/offer shall be opened only for those tenderers who shall be declared successful on evaluation of the technical tender/offer. The time and date for opening of financial tender/offer shall be intimated to the technically successful tenderers and their representatives may attend the opening of financial tender/offer.
- d) The financial tenders which are not opened during their opening shall not be considered for further evaluation.

ANNEXURE - A

PERFORMANCE BOND

(To be executed by the Contractor's Bank)

The Deputy Director (In-Charge), Pilot Test House, Export Inspection Agency-Mumbai, (Ministry of Commerce & Industry, Government of India), E-3, M.I.D.C., Andheri (East), Mumbai - 400 093.

<u>Minibal - 400 073</u> .	
WHEREAS 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 De	eputy Director,
Pilot Test House, Mumbai (hereinafter called the 'Purchaser').	
AND WHEREAS under the terms and conditions of the contract final payment	amounting to
under the contract is to be ma	ide 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 value of the co	ntract towards
satisfactory performance of the (hereinaft	ter called the
equipment) valid for a period of 12 months from the date of putting into successful operat	tion of the said
equipment.	
NOW we the Bank in consider	eration 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, Pilot Test House, Mumbai on behalf of the contractor a sum r	not exceeding
against any loss or damage that may be suffered by the	e 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, Pilot Test House, Mumbai 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 any 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 form that date, all rights of the purchaser
under the guarantee shall be forfeited and we shall be relived and discharged from all our liabilities
hereunder.
OUR liability under the guarantee shall not 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 _____ 2005.

ANNEXURE-II

<u>DETAILS OF LABORATORY EQUIPMENTS/INSTRUMENTS/ITEMS/SOFTWARE/ETC.</u> WITH CONFIGURATION & TECHNICAL SPECIFICATIONS/REQUIREMENTS

Item No. 1

- (a) <u>Automated Digital/LCD Elisa Plate Reader</u>: Automated Programmable Digital/LCD Elisa Plate Reader is required for residual levels quantitative analysis of Antibiotics residues, Mycotoxins, etc. in fish & fishery products, raw milk, poultry meat, etc.
 - i) Capable of operating on 230 volts, 50 Hz with Built-in-voltage stabilizer
 - ii) Capable of reading at least 96 wells
 - iii) Filter Wave length: At least of 405 nm, 450 nm, 492 nm & 630 nm
 - iv) Linear Absorbance measurement range: 0.00 to 3.00 Absorbance units.
 - v) Non-volatile memory of storing at least 50 user tests.
 - vi) Plate Reading Capability: Not more than 4 minutes per plate of 96 wells
 - vii) Analysis mode: Absorbance, Concentration, Cut-off absorbance, Multi Standard, Single Standard, point-to-point calibration curve, regression analysis, percentage absorbance.

Quantity required: Two (One for Pilot Test House, Mumbai and One for Export Inspection Agency, Sub-Office: Veraval)

- (b) Accessories for Automated Digital/LCD Elisa Plate Reader:
- (i) Fully Automatic Micro Plate Washer
 - (a) Automatic Programmable 96 wells washer with adjustable precise dispensing system and sensor indicating incase of partial wash.
 - (b) Dispensing volume to be adjustable at least from 100 micro liters to 300 micro liters with suitable increments of 50 micro liters compatible with wells of all shapes
 - (c) Capable of automatic alignment of plates
 - (d) Capable of programmable rinsing at the end of each wash and incubation after addition of wash.

Quantity required: Two (One for Pilot Test House, Mumbai and One for Export Inspection Agency, Sub-Office: Veraval)

- (ii) Electronic Micropipettes with self calibration mode along with compatible 1000 tips
 - (a) Range 10 to 100 micro liters with increment of at least 5 micro liters
 - (b) Range 100 to 1000 micro liters with increment of at least 50 micro liters

Quantity required: Two each (One for Pilot Test House, Mumbai and One for Export Inspection Agency, Sub-Office : Veraval)

(iii) Vortex Mixer: For Vortexing Multiple samples compatible with 15 ml tubes

Quantity requires: Two (One for Pilot Test House, Mumbai and One for Export Inspection Agency, Sub-Office : Veraval)

(iv) Operating software for Elisa System:

Licensed Operating Software for data analysis management and interpretation of results in ppm/ppb/ppt levels for antibiotics residues, mycotoxins, etc.

Quantity required: Two (One for Pilot Test House, Mumbai and One for Export Inspection Agency, Sub-Office: Veraval)

Item No. 2

(a) Elisa Test Kits for quantitative detection of following residues. The quotation for Elisa test kits should be supported with validation document and/or certificate of performance and also with detailed test procedures both for sample preparation and assay of various matrix for each of the following. Quotation shall also include any additional / optional accessories and/or material required for sample preparation & assay.

(i) <u>Chloramphenicol</u>:

Elisa Test Kit with at least 96 breakable wells Shelf Life: 8-12 months from the date of delivery.

Detection limit: 0.05 ppb or better

Quantity required: Five (Four for Pilot Test House, Mumbai and One for

Export Inspection Agency, Sub-Office: Veraval)

(ii) <u>Sulfonamide Drugs</u> (No cross reactivity with approved Sulfadimethoxine, Sulfabromomethazine and Sulfaethoxypyridazine)

Elisa Test Kit with at least 96 breakable wells Shelf Life: 8-12 months from the date of delivery Detection limit: As low as possible in ppb level

Quantity required: Four (For Pilot Test House, Mumbai)

(iii) Aflatoxin Total:

Elisa Test Kit with at least 96 breakable wells Shelf Life: 8-12 months from the date of delivery Detection limit: As low as possible in ppb level

Quantity required: One (For Pilot Test House, Mumbai)

(iv) Aflatoxin M_1 :

Elisa Test Elisa Test Kit with at least 96 breakable wells Shelf Life: 8-12 months from the date of delivery

Detection limit: 0.1 ppb or better

Quantity required: Two (For Pilot Test House, Mumbai)

(v) <u>Diethylstilbestrol (DES)</u>:

Elisa Test Kit with at least 96 breakable wells Shelf Life: 8-12 months from the date of delivery Detection limit: As low as possible at ppb levels Quantity required: One (For Pilot Test House, Mumbai)

(vi) Clenbuterol:

Elisa Test Kit with at least 96 breakable wells Shelf Life: 8-12 months from the date of delivery Detection limit: As low as possible at ppb levels Quantity required: One (For Pilot Test House, Mumbai)

(vi) Histamine:

Kit with atleast 96 breakable wells Shelf Life: 8-12 months from the date of delivery

Detection limit: 0.5 ppb or better

Quantity required: One (For Pilot Test House, Mumbai)

(b) Bacterial Inhibitors Test Kits:

Shelf Life: 8-12 months from the date of delivery

Detection limit: As low as possible

Quantity required: One (For Pilot Test House, Mumbai)

(c) Total Residual Antibiotics (As Beta Lactum):

Test kits for the detection of total residual antibiotics in raw milk having preservatives like formalin with work station if any.

Shelf life: 8 to 12 months from the date of delivery

<u>Detection limit</u>: 5.0 ppb or better

Quantity required: One (For Pilot Test House, Mumbai)

ANNEXURE-I

APPLICATION AREAS

- 1. Automated Programmable Digital/LCD Elisa Plate Reader is required for residual levels quantitative analysis of Antibiotics residues, Mycotoxins, etc. at ppm/ppb/ppt levels in fish & fishery products, raw milk, poultry meat, egg products, honey and other food & agricultural products.
- 2. Fully Automatic Micro Plate Washer is required for automatic programmable effective 96 wells washing after completion of analysis using Elisa test kits.
- 3. Electronic Micropipettes with self calibration mode is required for accurate precise dispensing of reagents.
- 4. Vortex Mixer is required for proper mixing of samples.
- 5. Licensed operating software for Elisa System is required for data analysis management and interpretation of results in ppm/ppb/ppt levels for Antibiotics residues, Mycotoxins etc.
- 6. Elisa Test Kits and Total residual antibiotics (as Beta Lactum) are required for quantitative analysis at low ppb/ppt levels of residues mentioned in Annexure-II.
- 7. Bacterial Inhibitors Test Kits is required for qualitative analysis for detection or otherwise of various bacterial inhibitors in matrixes mentioned above.