

## TENDER NOTICE

Sub : **Quotation for supply of Laboratory Instruments/equipments**

Sealed quotations are invited for the supply of the following items so as to reach **Joint Director In-charge, Export Inspection Agency-Kochi, Manohar Building, M.G. Road, Kochi – 682 011** on or before 10.12.2004 upto 1700 hrs.

<b>Sl.No.</b>	<b>Item</b>	<b>Unit</b>
1	<b>Air Purification System</b> – Air Purification system helps to reduce the bio-burdens in the air automatically. The system traps bio-burdens and supply clean purified air without health hazards. <b>Specification:</b> Continuous, automatic air purification system suitable for microbiological laboratory with purifier fan, air ionizer, purifier filter with UV (min.5000 hours), air freshener. Mentioning the airflow system, airflow capacity (Min. 30 cu mts/hr), covered room area (Min. 10-15 M <sup>2</sup> /unit). Validation and calibration certificate shall be provided.	1
2	<b>Air Sampler</b> – Air sampler system for monitoring the air for microbial presence indoor/outdoor. <b>Specification:</b> Air sampler for system with standard petri plate/strip, easy/automatic in operation, autoclavable necessary parts (sampler/feeder system etc), specifies the air sampling volume/time. Validation and calibration certificate shall be provided.	1
3	<b>Digital Thermometer</b> – Digital thermometer with thermocouple probe for various specific applications. <b>Specifications:</b> Easy handling, handling, temperature range: (-)10°C to 200°C,(-)18°C to 250°C Resolution : 0.1/0.5°C, Accuracy : ± 1°C Calibration certificate shall be provided	1
4	<b>Humidity Meter:</b> To assess the relative humidity. <b>Specifications:</b> Dial/Digital range : 0 to 100% RH Resolution : 0.1 – 0.5% Accuracy : ± 1% Calibration certificate shall be provided. Thermo-Hygro meter model may be mentioned with detailed criteria as optional.	1
5	Chiller unit with pump and auto control system with temperature display including electrical and plumbing accessories for passing water with a pressure of 2 kg/cm <sup>2</sup> at 20°C	1
6	Servo controlled voltage stabilizer 10 KVA with a input range of 170-270 volt to supply 230 volts ± 2 volt with 40 amp MCB	1

**TENDER NOTICE**

Sub : **Hollow Cathode Lamp – VARIAN AAS 220**

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Sl.no.	Item	Unit
1	<b>Hollow Cathode Lamp:</b> Required for specific metal analysis by Varian AAS 220  <b>Specification:</b>  Tin (Sn) : 235.5 nm Zinc (Zn) : 213.9 nm Mercury (Hg) : 253.7 nm Iron (Fe) : 248.3 nm Antimony (Sb) : 217.6 nm Magnesium (Mg) : 285.2 nm Lead (Pb) : 217.0 nm	1 each



08	Histamine – Cat no. H7250	Sigma	Minimum
09	Broad Spectrum Screening Test for the detection of Microbial inhibitors in Fish -  Premi test Incubator for Premi test	Duke Thomson's International	4 x 25 test single
10	Histamine Kit with Microwell Reader	-do-Neogen	1
11	Aflatoxin Total kits	-do-	1

## TENDER NOTICE

### Sub : Certified Microbial Pure Culture

Sealed quotations are invited for the supply of the following items so as to reach the **Joint Director In-charge, Export Inspection Agency-Kochi, Manohar Building, M.G. Road, Ernakulam, Kochi – 682 011** on or before 10.12.2004 upto 1700 hrs.

Sl.no.	Item – Certified Microbial Pure Culture(ATCC/Similar)	Unit
01	Salmonella typhimurium – (98) ATCC 23564	1
02	Salmonella typhimurium – (531) ATCC 6539	1
03	Staphylococcus aureus – (96) ATCC 9144	1
04	Escherieschia coli (1687) -TCC 8739-(739)-ATCC-10536	1
05	Streptococci fecalis – (439) ATCC 35550	1
06	Pseudomonas aeroginosia (424)ATCC 25619	1
07	Vibrio cholerae	1
08	Vibrio Parahaemolyticus (451)ATCC 17802	1
09	Clostridium Perfringens (450)ATCC 3624	1
10	Listeria monocytogens (839)NCTC 10357,ATCC 15313	1
11	Bacillus cereus ATCC 11778	1
12	Bacillus subtilis (441) ATCC 6633, (619) ATCC 11774	1
13	Bacillus mycoids – ATCC 11778	1
14	Micrococcus luteus – ATCC 9341 (1541)	1
15	Yeast – (36) ATCC 26602 – 170 ATCC 9763	1
16	Mould – Fungi (962) ATCC 11256	1

## TENDER NOTICE

### **Sub : Reference/Standard books**

Sealed quotations are invited for the supply of the following items so as to reach the **Joint Director In-charge, Export Inspection Agency-Kochi, Manohar Building, M.G. Road, Ernakulam, Kochi – 682 011** on or before 10.12.2004 upto 1700 hrs.

Sl.No.	Item	Unit
01	AOAC International – latest edition	1
02	USFDA PAM – latest edition	1
03	USFDA BAM – latest edition	1
04	Metal Pollution in the Aquatic environment Edi U.Proster and G.T. Willman Varian G (1979)	1
05	Codex alimentarius Vol. III Residue of Veterinary Drugs in Foods – 2 <sup>nd</sup> edition 1996	1
06	Liquid Chromatography – mass spectrometry ( W.M.A., Nelson J Vandief) Marsel Dalkin Inc. New York	1
07	Medical microbiology – Vol. I & II	1
08	Hand book of decomposition method in analytical chemistry (Prof. Reedolf, Back Dr. Lain Mart) International ext Book Co.Ltd (Blackie Group)	1
09	BIS hand book	1
10	IS-1165 – 1975 – Milk Powder whole and skim II Edition	1
11	IS-13428 – 1998 Annex C	1
12	PFA Rules – latest	1

## TENDER NOTICE

Sub : **Certified reference standards – Merck, Dr. Ehenstorfer**

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Sl.No.	Item	Unit
	Organo Chloride Pesticide Mix – 1 in cyclohexane	
01	Aldrin	100mg/μl
02	Alpha BHC	100mg/μl
03	Beta BHC	100mg/μl
04	Gamma BHC	100mg/μl
05	Delta BHC	100mg/μl
06	4,4 DDD	600mg/μl
07	4,4 DDE	200mg/μl
08	4, 4DDT	600mg/μl
09	Dieldrin	200mg/μl
10	Alpha Endosulphan	200mg/μl
11	Beta Endosulphan	200mg/μl
12	Endo Sulphan Sulphate	600mg/μl
13	Endrin	200mg/μl
14	Endrin Aldahyde	600mg/μl
15	Hepta Chlor	100mg/μl
16	Heptachlor – Endo Eporids	100mg/μl
17	In Ethyl Acetate	1 ml
	Individual Standards in Cyclohexane	
18	Aldrin	10 ml
19	Alpha HCH	10 ml
20	Beta HCH	10 ml
21	Gamma HCH	10 ml
22	Delta HCH	10 ml
23	4,4 DDT	10 ml
24	Dieldrin	10 ml
25	Alph Endosulphan	10 ml
26	Beta Endosulphan	10 ml
27	Endrin	10 ml
28	Malathion	10 ml
29	Heptachlor	10 ml
30	Heptachlor Endo Eporids	10 ml

## **TERMS AND CONDITIONS**

Date of opening	: 13.12.2004 , 1100 hrs
Place of opening	: Export Inspection Agency-Kochi, Manohar Building,M.G. Road, Kochi –11
Delivery	: Immediate at Export Inspection Agency-Kochi Rose Marie Building, Thoppumpady(Lab), Kochi – 682 005 Phone No. 0484-2231565.
Validity	: Prices are valid for 45 days
Payment	: 100% against delivery and successful installation
Warranty	: 1 year minimum
Amount	: Includes tax & delivery charges

A representative can be present during opening with prior intimation