# Government of Jammu and Kashmir <u>Directorate of Agriculture Talab Tillo Jammu</u> <u>www.diragrijmu.nic.in</u>

### **Tender Notice**

Sealed tenders affixed with revenue stamps worth Rs.5/- (Rs. Fiveonly) are invited for and on behalf of Governor of J&K State from the reputed manufacturers/duly authorized dealers/Government undertakings and registered supplier for supply of laboratory items viz Laboratories Equipments/Instruments for fertilizer Quality Control Lab./Pesticide testing Labs/Soil testing labs.. for Agriculture Departments both at Jammu and Srinagar. The rates should be quoted F.O.R Jammu and F.O.R Srinagar (J&K). The detailed specifications of laboratory materials to be supplied in reference to this NIT is Annexed herewith as annexure A, B,

S.No	Annex.	Name of item	Earnest Money (EMD)	Cost Tender documents
1	A and B	Instruments/Equipments	Rs.10000/-	Rs.500/-

### Terms & Conditions

	1. The tenders should be sent or deposited in the office of Director Agriculture Jammu(Member secretary) by or before 17/08/2015 by 02.00 P.M through speed post / courier/ by hand. Tenders brought by hand shall be put in a TENDER BOX by the concerned tenderer in the office of the undersigned on any working day during office hours up to the said date and time. In case of any gazetted holiday falling on the last date of receipt of tenders or some holiday suddenly declared by the competent authority under Negotiable Instrument Act, the next working day shall be treated as the last date of receipt of tenders  2. The tenders should be neatly written in ink with rates in figures and events Garian.		
'	i i i i i i i i i i i i i i i i i i i		
	overwriting on quoted rates shall not be entertained unless authenticated. Cello tapes be applied on the written rates of tender.		
	3. The tender should be accompanied with technical literature /brochure/pamphlet of the product.		
	The successful tenderers shall have to complete the supply within 21 days from the date of		
	placement of supply order or within the period as may specified in the supply order.		
	Delivery period required by the tenderer MUST be clearly mentioned in the offer.		
	Conditional tenders shall not be entertained		
(	. Tenderers shall make available to the purchaser brochure/ full sets of information and		
	technical documents along with the proposal on the equipment being offered. Tenderers shall furnish details of the back up engineering and systems support that will be made available to the J&K State Agriculture Department Laboratories.		
7	. Tenderers shall specify the maximum period of warranty to be offered by them for any		
	manufacturing defect that may crop up in the Equipments / instruments to be supplied by		
ļ	them.		
8	and the operational experience in similar environment of the		
	installations.		
9			
<u> </u>	of the equipment before the acceptance of the tender.		
1	Each copy of the tender should be a complete document and should preferably be bound.		

m In

1

- Late, delayed, incomplete tenders and amendments and additions to the tender after opening will not be accepted.
- In case the successful tenderer fails to execute the agreement or make supply as ordered ,his CDR shall be forfeited and supplier shall have no claim for its refund/release in any manner. The decision ofthe Convener S.L.P.C. Agriculture Department in this regard shall be final and binding upon the supplier. The supplier shall have no right to claim for such refund even in court of law.
- 13 Sealed quotations under two bid system (Part-I Technical Bid and Part-II Financial bid) should be as under:
  - a) Technical Bid consisting of all technical details (as per annexure enclosed)
  - b) Financial Bid indicating item-wise price for the item mentioned in the technical bid (as per annexure enclosed)
- Technical Bid (marked as cover I) and Financial Bid (marked as cover II) should be submitted in accordance with prescribed Annexure A and B (enclosed) on letter head, in separate sealed envelopes, duly super scribed "Tender for supply Laboratory Instruments/Equipments". Both of these covers, as well as cover IIIrd containing Earnest Money (EMD) are to be put in a main cover of convenient size, which should be sealed properly duly super scribed as "Tender for supply Laboratory Instruments/Equipments" addressed to Member secretary State Level purchase Committee, Department of Agriculture Talab Tillo Jammu J&K State before dispatching the same by post/courier or putting the same in the tender box.
- 15 Tenders found deficient in any of the following will be summarily rejected.
  - a). CDR for specified amount as indicated in NIT
  - b) Make and for Model along with catalogue of the quoted item.
  - c). Documentary evidence of ISO/BIS certification of principal manufacturer.
  - d) Letter of authorization by dealers and suppliers from principal manufacturer for this Particular tender and.
  - e) Registration (attested copy) of TIN No of the firm for supply/dealing with laboratory Equipment's and Machinery
  - f) Registration /location of the unit
  - g) NSIC/SSI certificate
  - i) Product registration with directorate of industries.
  - j) Documentary evidence indicating that you are principal manufacturer or authorized dealer
- 16 All the rates should be quoted in Indian National Rupees(INR)
- 17 Taxes As applicable at the time of delivery of the items.
- Payment of the bills for supplies made shall be released subject to following conditions.
  - a) .The equipment/machinery etc. supplied should be strictly as per the make/specification indicated in the supply order.
  - b) The working/performance of the equipment/machinery is demonstrated to the satisfaction of the verification committee constituted for the purpose by the Department
  - c). The payment will be released after the afore mentioned committee records a certificate that. "The equipment has been duly inspected and found as per the specification and made or make ordered for and shown satisfactory working and performance during demonstration."
- Warranty:- The equipment shall be covered by a warranty period of one year from the date of its satisfactory installation at consignee" place. During the period of warranty, the supplier will provide free servicing and repairs to the equipment. This includes the transportation expenditure incurred as required.



2	The installation of the equipment, wherever required shall be at the risk and responsibility of				
İ	The supplier and payment shall be released only after installation and demonstration of				
	satisfactory working and/or performance of the installed equipment's				
2	If any equipment/machinery supplied are found to have any manufacturing defect and for has				
	workmanship. The equipment shall be replaced at the sole risk and responsibility of the				
	supplier.				
2.2					
	All terms and conditions laid in financial Code J&K are applicable. After opening of bids if it				
	detected that raters quoted are not reasonable, SLPC reserves right to go for				
72	negotiation/retender.  Penalty:- In case the firm fails to supply the equipment/machinery etc. so year the second to the supply the equipment/machinery etc. so year the second to the s				
23					
ļ	order initiate/specification within the stipulated period, the department will be at liberty to				
	To not the CDR and impose any other penalty, as may be deemed fit in case of such				
ļ	eventuality.				
24	Increase in prices during the rate contract period shall not be considered thus will not affect				
	the agreement.				
25	The offer MUST be valid for a minimum period of Ninety days from the date of opening				
	of technical bids.				
26					
20	i a mande ite fandon on i i i i i i i i i i i i i i i i i				
	impairs or derogates from the tender in any respect withen the period of validity of tender.				
	I diffie in the successful tenderer falls to furnish the required performance security within the				
	specified period, its EMD will be forfeited.				
27					
	of opening of bids. If any bidder /tenderer withdraws his hid/Tender before the said period or				
	make any modifications in the terms and conditions of the bid, the said earnest money shall				
	De loi leiled				
28	Rates quoted shall be deemed to include escalation, all taxes, duties etc. whatever during the				
	rate contract.				
29					
27	The committee reserves the right to visit the factory location/ workplace/dispatch site at any				
	stage				
30	of opened of the state bevel fulchase Committee in the came in				
-	day, or any other working day convenient to the members of the Committee, in presence of				
	tenderers or their representatives who wish to remain present at the time of opening of				
	tenders				
31	The vendor should quote the rates inclusive of all taxes and duties as per performa				
	and duties as per performa				
	Basic price VAT CST / Entry Tax Total				
	. July tax Total				
	If applicable etc If applicable				
	to be delivered F.O.R. Talab-Tillo Jammu / F.O.R Lal-Mandi Srinagar ( J&K)				
32	Rates quoted MUSI be for delivery on F.O.R. Talab-Tillo Jammy / F.O.R. Lal-Mandi				
	Smagar (J&K)				
33	The successful tenderer shall have to supply the materials within the time schedule given by				
-	the Department. In case of failure to execute the job, the Department shall be at liberty to				
	arrange the material at the risk and cost of successful tenderer and forfeiting the C.D.R,				
	besides initiating legal proceedings against the approach the decease of the dece				
	besides initiating legal proceedings against the successful tenderer (s) as warranted under				
	rules. In case, the extra cost involved exceeds the CDR amount, the same will be recovered from the defaulting supplier through Land Park.				
	from the defaulting supplier through Land Revenues Act				



34.	The successful tenderer shall have to enter into an agreement on prescribed performa on non judicial stamp paper of Rs.20/- with the indenting officer before the supply order is
	non judicial stamp paper of Ks.20/2 with the modeling officer defect me supplies
	issued in his favour for effecting supplies.
35.	Rates approved by State Level Rate Purchase Committee shall remain valid for one year
	the date of issue of rate contract or till the next rate contract is available.
36	The quotation should be signed by the authorized person and his full name and status should
	be indicated below his signature.
37	The submission of the tender shall be taken as the implied acceptance of all terms and
	conditions stipulated herein.
38	SLPC, departmental of Agriculture J&K Government reserves the right to accept or reject
	any tender or all, at any time without assigning any reason thereof.
39	The tenderer, along with its quotation, must also submit a certified copy of its latest Income-
	Tay Clearance certificate
40	The tenderer shall have to produce a copy of Commercial Tax Clearance certificate issued by
10	the concerned assessing authorities for the period ending March 2015 along with tender
	documents or before finalization of the rates.
41	. Dill' : 1 11 1 1 - 1 often obtaining satisfactory testing
41	result of materials supplied and 10% after completion of supply.
42	the metapid ordered pledged to
42	1 5% as security money shall be deposited by the tenderer of the materials of the land of the security money shall be deposited by the tenderer of the materials of the security money shall be deposited by the tenderer of the materials of the security money shall be deposited by the tenderer of the materials of the security money shall be deposited by the tenderer of the security money shall be deposited by the tenderer of the security money shall be deposited by the tenderer of the security money shall be deposited by the tenderer of the security money shall be deposited by the tenderer of the security money shall be deposited by the tenderer of the security money shall be deposited by the tenderer of the security money shall be deposited by the tenderer of the security money shall be deposited by the security of the security money shall be deposited by the security of the security money shall be deposited by the security of the
10	the Indenting Officer.
43	Electricity Clearance certificate
44	In case of dispute the decision of (Chairman SLPC) shall be final and Binding upon both the
	parties.
45	Legal proceedings, if any, are subject to the jurisdiction of the courts located in the Jammu
	city, of J&K State.

Accounts Officer
(Member Secy. S.L.P.C.)
Directorate of Agriculture
Jammu

No: Acctts/PS /NIT/2015-16 / 384-408

Dated: 27/07/2015

Copy to the:

1. Director of Agriculture Jammu (Chairman SLPC)

2. Director Finance, Agriculture Production Department.

3 Director Agriculture Srinagar

5.. Director of Industries and Commerce Jammu

for information and n/action please

#### Proforma A

# Tender Form (Technical Bid) (To be submitted on Tenderers letter head only)

To

The Member secretary (SLPC) Krishi Bhawan, Talab Tillo, Jammu,

Sub:- Offer for supply of laboratory items Viz. laboratory Equipments/

Ref: Nit No: Acctts/PS/NIT/2015-16/384-408 Dated: 27/5/90/5

Sir,

With reference to your above referred NIT, I offer my rates for supply of laboratory items detailed in below format. I have read and understand all the terms & conditions of SLRCFC and agreed to abide by them.

Name of item	Detailed Specifications

- \*\*As required under NIT condition following documents are enclosed herewith
- A Registration Certificate (VAT) of firm
- B VAT clearance certificate issued by concerned authority.
- C.D.R / FDR Pledged to Accounts Officer (Member Secretary SLPC) Department of Agriculture, J&K Govt., Talab Tillo-Jammu
- D Relevant technical literature / pamphlet of the product for which the rates are quoted.
- E Valid CST/VAT and Pan Card copy should be enclosed
- F Dealership/Authorization certificate for the quoted product issued by the principal company
- G Rs.5/- revenue stamps to be fixed on technical bid.
- H A declaration by the tenderer on non judicial stamp paper, affirming the documents furnished with tender are signed by him (attested by a notary/ ist class magistrate,
- I Contact No. in the shape of E.Mail / Phone/Fax address to be provided
- J Commercial tax and Income tax clearance certificate

	Tender Signature:	0
Rubber Stamp party	Name:-	
	Designation	

# $\underline{Proforma - B}$

## Technical Bid

# Details of Contract Personnel (To be submitted on Tenderer's letter head only)

• • • •		hereby authorize following official as ou
per	rsonnel.	
1	Name of Personnel	
2	Designation	
3	Phone No with STD Code (Office)	**
4	Fax No.	
5	Phone No. with STD Code (Residence)	
6	Mobile No.	
7	E-mail Address	Very important

Place;

Stamp & Signature of the Tenderer

Date:

Ju Dr

# Tender Form (Financial Bid) (To be submitted on Tenderers letter head only)

To

The Member Secretary, (SLPC) Krishi Bhawan, Talab Tillo, Jammu,

Sub:- Offer for supply of laboratory items Viz. laboratory Equipments/Instruments

NIT No: Acetts/PS/NIT/2015-16/384-408 Dated: 27/2/2015

Sir,

With reference to your above referred NIT, I offer my rates for supply of laboratory items detailed in below format, I have read and understand all the terms & conditions of SLPC and agreed to abide by them

Rates offered			
Basis Price	CST/VAT / Entry Tax etc If applicable	Total Cost	
	Basis Price	Tax etc	

Rubber Stamp party	Tender Signature:Name:-
	Designation
Date:	

# Annexure\_A

LIST OF INSTRUMENTS WITH SPECIFICATION

	<del></del>	Name of Item	Specification Specification	
1	No.		Specification	Remarks_ specification
ļ				for
<u> </u>		D. C.		laboratories
		Refrigerator	Capacity:	laboratories
	i		Net Total: 300L, Freezer: 53L, Refrigerator: 202L	MSTL/FQC
			Cooling reature= frost free, multi flow	L, PTL&
ŀ			Physical Specification	STL
l			Dimension:	
			Net (W x H x D): 555 x 1,635 x 637mm Net Case Height with Hinge: 1,635mm	
			Net Depth with Door Handle: 688mm Net Depth without Door	
	-		Handle: 637mm  Net Depth without Door: 545mm Gross (W x H x D): 582 x	in the state of th
			1,000 X / TOIRIN	
			Number of chambers: 2 Materials of shelves: Glass	
-	-		Number of Vegetable & Fruit Drawer: 2 (Big Box & Fruit	
			Box) Type of Door Pocket: Transparent	
			Others:	
			Power saving rating: 5 star (DIC), Lock & Key, Cyclopentane	
			Institution	
-	_		Accessories: Voltage stabilizer (If not inbuilt) Capacity: 0.7 KVA	
2.		Magnetic Stirrer	Specification: Digital control, motor less magnetic stirrer with	PTL&
			reverse stirring	FQCL
			Stirring speed: 80-1200 RPM	
ĺ			Stirring volume: up to 1000 ml	
			Stirring position: 4	
			Power rating: 5/10/15/20 Watts	
			Dimension: (Lx W x H): 36 x 32 x5 (cm)  Power: AC 230 V 50Hz	
1			, , , , , , , , , , , , , , , , , , , ,	
			Accessories:	
			Round magnetic stirring bar with pivot ring, Dimensión: 8 x 50 mm: 3 Nos.	
			12.7 x 76 mm: 2 Nos.	
			Triangular magnetic stirring bar, Dimension: 14 x 30 mm: 2 Nos.	
			Magnetic Retriever: 2 Nos.	
3.		jeldahl	Kjeldahl assembly, both as digestion and distillation set, having a	PTL &
	A	pparatus	capacity to note by round-bottomed flask of 300 - 500 ml capacity	FQCL
			cach complete with condenser and connecting tubes	rQCL
			Specification: Extraction and Kieldahl apparatus	
			No. of Controls: 6	
			Watts: 1200	
		-	Energy Regulator Control: should be present	Y
4.	1 1	luffla E	Stand: Included	
	IVI	uffle Furnace	Specification:	QCL
			neil Description: Microprocessor controlled digital PID	
	Ц		temperature controlled Muffle Furnace.	

yv (

Internal Capacity: Internal capacity should be between 3.75 to 5.6 litres.

Technical / Construction Requirement:

- The Muffle furnace should be of double walled construction.
   The exterior should be constructed with suitable gauge Mild Steel, pre-treated and powder coated with aesthetic coloured heat resistant paint.
- The muffle furnace chamber should be made from powder free fused ceramic fibre mold or Fused quartz to avoid the ceramic dust inside the chamber.
- The muffle furnace should not use fire bricks and or asbestos for insulation.
- Construction: The Muffle Furnace should use powder free ceramic fibre insulation for fast heat-up, heat loss and dust free internal area.
- The Muffle furnace should have air ventilation port.
- The Digital Muffle furnace should have validation port for inserting temperature sensor/Thermometer for temperature validation purposes.
- The furnace should have well-insulated tight closure door. Asbestos or fire bricks should not be used for door.

## Operating Temperature: 1000 ± 100 °C

Temperature Controller:

- Microprocessor based PID digital Control.
- The temperature sensor should be a calibrated temperature probe preferably with the calibration certificate.

# Temp. Setting & display: Digital setting and digital display Heating Element & Set temperature accuracy:

- Three sides' wall heating element or heating element wound on moulded muffle and should maintain temperature uniformity ± 3°C at 1000°C or better.
- The heating element should be of Kanthal make Highresistivity iron-chromium-aluminium alloy or High resistivity nickel-chromium alloy heating element or equivalent quality.

#### Safety requirements:

- The Muffle furnace should have temperature over-shoot protection circuitry in case of temperature sensor fails.
- The muffle furnace should automatically cut off the power to the heater when the door opens.

#### Installation:

- The vendor should inspect and verify all the items against the Purchase order, immediately after the receipt of the consignment at MRPL and should install and commission the Muffle Furnace immediately after the inspection.
- The vendor should include all the necessary items required for the installation and working of the Muffle Furnace in the Main instrument offer.
- The vendor should provide instruction/ operation manual of the Muffle Furnace.

Require Spares: The vendor should quote separately for the optional spares and accessories

Description

Quantity Required

PID Temperature Controller

l No.

Temperature Probe

1 No.



Shaker Heavy Duty Motor: with 0.25 HP, 220 Volts / 50 Hz The rate of motion is adjustable mechanically by belt tension 0 - 60 minute times Size of Carrier: 20" × 13" × 4"  6. Hot Plate Rectangular Hot Plate, body made from thick (at least 18 mm)	STL/astc
5. Reciprocating Strokes per minute: 150 – 250 with adjustable compartments Heavy Duty Motor: with 0.25 HP, 220 Volts / 50 Hz  The rate of motion is adjustable mechanically by belt tension 0 – 60 minute times Size of Carrier: 20" × 13" × 4"  6. Hot Plate Rectangular Hot Plate, body made from thick (at least 18 mm)	
Shaker Heavy Duty Motor: with 0.25 HP, 220 Volts / 50 Hz The rate of motion is adjustable mechanically by belt tension 0 – 60 minute times Size of Carrier: 20" × 13" × 4"  6. Hot Plate Rectangular Hot Plate, body made from thick (at least 18 mm)	
Shaker Heavy Duty Motor: with 0.25 HP, 220 Volts / 50 Hz The rate of motion is adjustable mechanically by belt tension 0 – 60 minute times Size of Carrier: 20" × 13" × 4"  6. Hot Plate Rectangular Hot Plate, body made from thick (at least 18 mm)	
The rate of motion is adjustable mechanically by belt tension 0 – 60 minute times Size of Carrier: 20" × 13" × 4"  6. Hot Plate Rectangular Hot Plate, body made from thick (at least 18 mm)	STL, PTL
6. Hot Plate Rectangular Hot Plate, body made from thick (at least 18 mm)	STL, PTL
Size of Carrier: 20" × 13" × 4"  6. Hot Plate Rectangular Hot Plate, body made from thick (at least 18 mm)	STL, PTL
6. Hot Plate Rectangular Hot Plate, body made from thick (at least 18 mm)	STL, PTL
1 Toolangalar For Fate, body made from tinek (at least to film)	STL, PTL
[ Keclangular]   mild steel painted with hammer tone point I have resting to all	
	& FQCL
thick (at least 25mm) iron plate or machine casted iron plate	
which can withstand high temperature, should have temperature	
control switch with sunvic energy regulator indicator lamp, wire	
and plug.	
Size: (45 cm x 60cm x 15cm)	
Rating: 3 Kilo watt	
	MSTL,
Delener 10 vi v oor	STL, PTL &
	FQCL
I D Dt i OO i o	General
0	`
ļ   - · ·     P	ourpose
	palance)
P The Prince Pri	PTL, FQCL
Stirring Speed Range: 100 – 1000 rpm	& STL
Maximum Capacity: 5 liters	
Dimensions (W. V. I. v. D.) 10 v. 11 v. 21	
Dimension: (W × H × D): 19 × 11 × 21	
VAC 240, Hz 50, Amps 0.11 and watts 15  9. Hot Plate Top Plate Material: Ceramic	
P Titte Victorial, Column	PTL, FQCL
Top Plate Dimension: 18 × 18 cm	& STL
Temperature Range: 150° C – 500° C	
Maximum Load: 11 kgs	
Dimension: $(W \times H \times D)$ : $19 \times 11 \times 21$	
VAC 240, Hz 50, Amps 4.6 and watts 1100	
10. Magnetic Stirrer Top Plate Material: Ceramic P	TL, FQCL
cum Hot Plate   Top Plate Dimension: 18 × 18 cm   &	ا STL
Temperature Range: $150^{\circ}$ C $-500^{\circ}$ C	
Maximum Load: 11 kgs	
Stirring Maximum Capacity: 5 liters	
Stirring Speed Range: 100 – 1000 rpm	
Dimension: (W × H × D): $19 \times 11 \times 21$	THE STATE OF THE S
VAC 240, Hz 50, Amps 4.7 and watts 1155	
11   11-41   16   17   17   17   17   17   17   1	TL&
	QCL
indicating lamp	YUL
12 Distrib	TL, FQCL,
i section 2 0.00 % of better. As per class A precision.	
i Display to continuous with a display from 0 to 99,99[[[[]] ] [vi.	ISTL &
option of 0.001 ml or 0.01 ml. Zero reset of display by press of a button.	TL
Supply with a operating and maintenance manual with clear	
pictorial description of all the operations like setting up the	
instrument, getting started, operational limits and exclusions,	
user safety, calibration of instrument and spare parts with part	
numbers.	

13.		<ul> <li>SOP for calibration, test and calibration certificate mentioning accuracy and coefficient of variation % to be provided.</li> <li>Refilling be done without changing the display.</li> <li>Whole filling and dispensing system can be dismantled for cleaning without any change in the accuracy or calibration of the instrument.</li> <li>Built in safety valve.</li> <li>All required neck adapters are provided to fix the burette on top of various kinds of reagent bottles and threaded bottles.</li> <li>Electronic calibration.</li> <li>Programmable auto power off from 1 - 30 minutes, with previous reading display on switching on.</li> <li>Adjustable dispensing tube in both horizontal and vertical direction, Telescopic filling tube to adjust the length depending on the depth of the bottle.</li> <li>Inspection windows to view the liquid in the burette and spare amber colored windows for photo sensitive titrations, drying tube connection provision for hygroscopic reagents.</li> <li>Provision for RS 232 port with software for transferring the data on to the computer and exporting in xls format.</li> <li>Spare parts like dispensing cylinder, piston head, filling valves, titrating tube, filling tube, inspection windows should be available and also to be quoted.</li> <li>Deep freezer Upright Type (-40°C)</li> <li>Cooling fan should be permanently lubricated.</li> <li>Chemically stable CFC Free environmental safe refrigerant.</li> <li>High density foam insulation for rigidity and stable storage temperature.</li> <li>Micro processor control, digit display adjustable temperature range between — 10 to 40°C.</li> <li>Door lock facility.</li> <li>Cabinet Type: Upright</li> <li>Cooling type: Direct cooling.</li> <li>Defrost Mode: Manual</li> <li>Refrigerant: CFC Type</li> <li>Noise level: &lt; 44db</li> </ul>	
	ļ	<ul> <li>Spare parts like dispensing cylinder, piston head, filling</li> </ul>	
		valves, titrating tube, filling tube, inspection windows should	
13.	Deep Freezer		DO
		Cooling fan should be permanently lubricated	PIL
		Chemically stable CFC Free environmental safe refrigerant	
		High density foam insulation for rigidity and stable storage	
		temperature.	
		• Micro processor control, digit display adjustable temperature	
		Cooling type: Direct cooling.	
		Defrost Mode: Manual	
		<ul> <li>Cooling Performance: - 40° C</li> <li>Temperature Range: - 10 to 40° C</li> </ul>	
		Controller: microprocessor	
	],	Display: LED	
		Capacity 188 liters	
	•	Interior dimensions (W × D × H): $380 \times 420 \times 1225$ (mm)	
		High / Low temperature: yes	
		Combot Effor. 1 C3	THE PROPERTY OF THE PROPERTY O
4.	Karl Fisher	1 6 Wei Reduitements: 240 V, 30 – 60 HZ	FOCI
	Titrator	for moisture determination with suitable titration.	FQCL
	•	Stand capable of siphoning and waste dispensing facility and	and the state of t
		stirrer is required with the following specification:	
	•	Application range of 100 ppm to 100 % water	
		The equipment should have a burette accuracy of 1 / 10000	



		<ul> <li>of the burette volume.</li> <li>The burette provide should be of latest intelligent type, with facility to store Tyrant information.</li> <li>Type of reagent, Titer value of reagent, Titer history, shelf life data, date and time of preparation etc.</li> <li>The equipment should be latest and USB compatible.</li> <li>The equipment should have the live display feature.</li> <li>It should have the facility to use a mouse or a keyboard.</li> <li>The equipment should have the facility to save the results in USB memory disk.</li> <li>It should also have facility to save the results in data management software.</li> <li>The equipment should have the option to choose between a polarized alternating current (Ipol) to be applied to the electrode</li> <li>Should have the facility to STOP the titration by delay time or the novel "drift stop", where titration stops when a preset drift value is reached.</li> <li>The equipment should not have a separate method for drift determination and the drift compensation should be automatic.</li> <li>It should have the electrode test and "Safety Stop" feature to prevent cell run over during conditioning. If for example, the electrode is not connected correctly or the titration cell is very humid.</li> <li>Conditioning is stopped after a given time or a given volume of KF regent added.</li> <li>The equipment should have a suitable KF Titration stand not only for stirring, but also for automatically exchanging the spent titration vessel contents at the press of a button. With the integrated membrane pump, solvent should be aspirated or added without the cell having to be opened.</li> <li>The equipment should be compatible with the auto sampler, for automation of sample analysis if required in the future.</li> <li>The instrument should also have the facility to work with a suitable oven sampler for samples which releases moisture on</li> </ul>	
15.	Bottle Top Dispenser	<ul> <li>heating and to determine the bound moisture.</li> <li>The bottle top dispenser should be autoclavable at 121° C for sterilization.</li> <li>Dispensette should provide with safety re-circulation valve to avoid risk of splashing the reagent as well as air bubbles.</li> <li>Resistant piston and cylinder are made up of glass plus Teflon protected material thus making it compatible to all the chemicals in lab.</li> </ul>	MSTL, FQCL, STL, PTL
		<ul> <li>The dispensette should provide readability ranging from 0.02 – 0.2 ml depending on the volume range thus providing excellent accuracy.</li> <li>Dispensette should be operated for lab condition up to 40° C.</li> <li>Accuracy: ≤± 0.5 % for all the volume range.</li> <li>Coefficient of variation: ≤± 0.1 % for all volume range.</li> <li>The dispensing block should be rotated in 360° angle so that the bottle label always faces the user for safety.</li> <li>It should easy to calibrate and adjust in order to comply with</li> </ul>	

Je In

FOCI
FQCL, TL E PTL – 1)
T. T
: PTL
– 2)
THE PROPERTY OF THE PROPERTY O
1



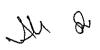
			1
		Option – 1 may be preferred to save the budget or else dual scale	
10	Lohousters	balance – Option – 2 is advisable and recommended.	
19.	Laboratory Hot Air Oven	Doubled Walled construction inner chamber made of	1
	All Ovell	Stainless Steel.	STL, PTL
		The gap between the two walls filled with glass wool	
		insulation.	
		<ul> <li>Fully insulated door with brass lock hinges &amp; aluminium ventilator.</li> </ul>	
		Heating is by specially designed heaters made of Nichrome wire	
		Temperature controlled by thermostat	
		Supplied with GI Wire mesh shelves	
İ		Forced Air circulating System with Fan for	
		temperature Uniformity	
		<ul> <li>Air ventilations to remove hot gases/fumes.</li> </ul>	
		Temperature controller by Microprocessor based	
]		Auto Tune PID controller with 0.01 resolution & PT	
		100 as sensor.	
		Safety thermostat	
		Temperature Range: 50°C to 250°C	
		Temperature Resolution: 0.10 C	
		Control Accuracy: +-2°C	
20.	Vertical	Fully Automatic Vertical Programmable Autoclave	Bio Quality
	Autoclave	Capacity 75 Liters Fully Automatic	Control Lab
		• 4 Line LCD Screen to display: Program No. & Name • Set &	Srinagar
		Process Values	
		Help Messages & Process Alerts • Process Over & Ongoing	
		Process Stage	
		Power On Displays Last Program successfully completed	
		• 2 Fixed Programs: 121oC or 134oC cycle (Gentle or Prion);	
		20 to 29 Mins programmable; 1/3 Process	
		<ul> <li>Vacuums &amp; Drying Cycle with programmable time</li> </ul>	
Ì		1 Custom Program with all parameters programmable	
		Auto Vacuum Drying for best result	
		SS 304 Chamber & Jacket + Boiler Tank with Ceramic wool	
		Insulation.	
		Built-in Vacuum System: Vacuum Pump / Breaker, Pressure	
l		Gauge	
		Sterilizable Instrument Types: Unwrapped Solid, Wrapped,	
		Porous, Hollow	
Į		Air Removal By Vacuum ("B" Class)  Sofot::	
		Safety:	
İ		• Electronic: Power cut-off when: idle; chamber temperature > set value.	
		<ul> <li>Electrical: on failure of sensor or μcontroller.</li> <li>Mechanical: Safety valve.</li> </ul>	
		o per attorner steam released on by the completion	
		• Quick Innovative Flexible & Safe Power Input:	
		- }	
		opolating . orango. 220 1110 17 370, 30 112	
		Power Rating: Heater / Control 3000/25 Watts	
Ì		Technical specifications for Vertical Autoclave:	
L		recurred specifications for vertical Autocrave;	



	1	tecting to the second of the s	
		• Size: 600 x 350 mm (approx)	
İ		Double/ triple walled construction.	
		• The working chamber, steam jacket, outer chamber and the	
		lid should be made of stainless steel.	
	İ	Temperature Indication accuracy: 0.1°C	
		Pressure Indication accuracy: 0.1 PSI	
		Control: PID with auto tune	
		Control accuracy: 0.1°C	
		Should have water inlet and outlet valves.	
		Should have a water level gauge	
		Should have gauges for measuring inner and outer steam	
		pressure.	
		Should have an inner temperature indicator.	
		The state of the s	
ļ		and eject valve.	
		Should have joint-less silicone gasket.	
		Should have automatic low water protection.	
		Should be supplied along with bins.	
		Should have an ISI mark.	
		• Should have 121°C working temperature at 15 to 16 psi	
		pressure.	
21.	Auto Titrator	Principle: Volumetric determination by equivalence point	PTL/STL/
		Control: Micro controller based	FQCL
		mV Range: ± 3200 mV	
		Accuracy: ± 0.1 mV	
		Burette Resolution:	
		1/10000 for 5 ml	
		1/5000 for 10 ml	
		1/5000 for 25 ml	
		Filling Time: < 20 seconds	,
		Key board: Alphanumeric splash water proof polyester soft keys	
		Display: Back lighted liquid crystal display	
		Titration head: manual stand with swiveling arm	
		Stirrer system: micro controller based variable speed, high	
		Torque vortex stirrer with digital indication of rpm & optional	
		magnetic stirrer	
		Sensors: Electrodes For Potentiometric Titration Temperature	
		Sensors	
		Calibration: 3 point calibration with user entered buffer values	
		and standardization with pH 7 buffer	
		End point detection: Potentiometric, Volta metric, Thermometric	
		And Photometric	
		Cut Off Criteria: Volume, end point or mV/pH	
		Methods:	
		Acid-Base;	
		Non Aqueous Redox;	
ļ		Precipitation;	
ļ		Complexometric &	
İ		Back Titration	
		Results: Molarity, % w/w, % v/v, mg/l, g/l, Meq/l, mol/kg, Total	
		Acid Number & Total Base Number for oil samples	mayerala
-		Method storage: 50 methods with parameters	
		Titrant molarity storage: 20 values	



		Input/output naviahoval, navallal and assist navta	· · · · · · · · · · · · · · · · · · ·
		Input/output peripheral: parallel and serial ports	
		Power: 230 V AC; 50 HZ	
		Temperature: ambient to 45° C	
		Humidity: humidity 5 to 90%	
		Operating and Maintenance Manual of the instrument is to be	
22	A.,44:-	supplied along with the instrument.	POOL (OT)
22.	Automatic	A. Automatic Macro Block Digestion system	FQCL/STL
	Nitrogen	Automatic Auto sequencing Six place PC Compatible macro	
	Estimation in	block digestion system (250ml), 30 intelligent memory	
	Soil / Fertilizer	programmes, 12 desirable sequence steps of time /	
	Samples	temperature domain, 360 memory segments, Digital two line	
		LCD Display, live schematic process flow feature, graphical	
		representation of time and temperature gradient, Direct USB	
	:	port for PC/Laptop compatibility without the need of RS 232	
		or RS 485 converter with Inbuilt software programmer to	
ŀ		handle micronutrient, Macronutrient, trace element,	
		upgradable to remote control module for wireless data	
		monitoring, control and transfer, Viton fume hose for di-acid	
		and tri-acid digestion, casted aluminium alloy heaters with all	
		essential accessories like rack, tubes, exhaust manifold, etc.	
		ISO 9001: 2008, CE certified, inbuilt safety features to fulfil	
		GLP Safety norms, additional one set tubes and racks,	
		Electrical requirement: 220V/50Hz	
		B. Distillation unit	
		Auto sequencing Microprocessor based PC Compatible	
		Distillation System with in-built software 30 pre-definable	
		user storage programs Automatic dilution, Alkali Addition,	
		Steam Processing, Process over indication with alarm with	
		delay time feature Automatic titration connectivity feature for	
		future up-gradation, ISO 9001: 2008, CE certify, digital LCD	
		display, RS 232 interface for connectivity to PC Built-in	
		safety features to fulfil GLP norms like Tube insert error	
		indication, door open error etc, In case of no water condition	
		in condenser, the instrument should automatically deactivate	
		the system with auto alarm and indication, Auto deactivation	
		of System on error diagnosis, adjustable steam power,	
		reagent level indicator with alarm, Auto online water saving	
		mechanism, Stainless steel non corrosive steam Generator,	
		Fully Automatic water level monitoring with centrifugal	
		refilling pump and Peril static pump for reagents addition,	
		Electrical Requirement - 220V/50Hz	
23.	BOD	Chambers made of double walls, the exterior made of sheet	FQCL
	INCUBATOR	steel and the interior made up of stainless steel for simulation	
		of temperature and humidity values above freezing. Body	
	Line in the second se	insulated with PUF. Microprocessor based control of	
		temperature, humidity. Digital display with power failure,	
		door open, temperature, humidity variation alarm. CFC free	
		refrigeration	The state of the s
		Internal Volume: 290 Litres	La constant de la con
		• Temperature: $10 - 70^{\circ} \text{ C} \pm < 1^{\circ} \text{ C}$	
		• Relative Humidity: 40 – 85 % ± 3 %	
		• Shelves: 2 – 3 modular adjustable, made of stainless steel	
	AAAAAAAA	Chamber illuminated with 10 W fluorescent tubes	
	Afternation		
		<ul> <li>Suitable voltage stabilizer (ISI) to be provided with</li> </ul>	



	T		
24.	HORTIZONTAL LAMINAR AIR FLOW	output of 220 – 240 volts  The supplier is bound to install the equipment to the satisfactions of indenter. Technical Specification: Double walled inside made of thick anodized aluminium / stainless steel and outside of Mild Steel Sheet furnished in Epoxy Powder Coating.  The gap of 75 mm between two walls should be fitted with pure mineral wool.  Should be provided with Synthetic rubber gasket on the door for better grip.  This incubator should have double where door outer is metal door and inside is glass door in stainless steel frame.  Heating elements should place in ribs at the bottom and sides. Two adjustable air ventilators are placed near the top of the sides.  The temperature should be controlled by an Electronic microprocessor (PID CONTROOLER) Temperature Controller cum Indicator from few °C above ambient to 70 deg. C with sensitivity of plus minus 0.5 deg. C  Incubator should be supplied complete with two pilot lamps, air circulating fan perforated shelves adjustable at any level, having arrangement to fit the automatic timer to work on 220/230 volts A.C. only with cord and plug.  Micro processed PID controller having 4 ramp & 4 soak profile having set mode, alarm parameter, configuration parameter, profile parameter, set point profile, PV error indicator, parameter for locking etc.  Timer: Automatic timer electronic 999 mts Alarm: It is possible to provide electronic alarm, if temperature deviates more than ± 5 °C to cost extra  Dimension: width approx. 6 feet and depth approx. 2.5 feet.  Table top: Stainless steel of ss-304 grade  Microprocessor control, touch control door and door lock, touch control for blower, light and UV  The laminar airflow velocity: 0.45 m/sec ± 10%.  Air cleanliness within working area: ISO 14644 (class 100)  Noise level: Noise level less than 62dBA (Certificate/Proof must be provided)  Air flow: Unidirectional  Air flow control: Minimum three step air flow controller  HEPA or ULPA filter: Having 99.99% efficient filter against 0.3 or less micron particle size.  The intensi	PTL
		,	A CONTRACTOR OF THE CONTRACTOR
William	The state of the s	. It touch one order to supply outlot in the outlinet	
		Service fixtures for gas and water supply	And the state of t
	İ	Area for liquid spills	
		The system should be provided with a suitable base stand	



Problems of the state of the st		<ul> <li>(preferably with castor lockable wheels) from the original manufacturer.</li> <li>Power supply: 230V, +/-10%, 50 Hz</li> <li>Optional: Validation of the instrument to be done after every 6 months from the date of installation.</li> <li>Warranty: preferably five years</li> <li>Bidder should give compliance statement point wise showing/highlighting items part number / serial number as quoted in their quotation for comprehensive technical comparison. Proof of compliance should be mentioned point wise in the catalogue.</li> <li>Failing in compliance and proof of compliance will cause cancellation of the bid without any further notice/information.</li> <li>Multiple Models with higher specifications should be quoted as separate models in the bids.</li> </ul>	
25.	ORIBITAL SHAKER	<ul> <li>Microprocessor PID control</li> <li>Speed range: 10 to 300 rpm</li> <li>Dual shaking actions: orbital or reciprocating</li> <li>Additional shaking modes: Forward (clockwise rotation), Backward (counter clockwise rotation), and Pause.</li> <li>Multi-step Programming of Shaking Operations Run time: 10 sec to 999 hr 59 min 59 sec Forward/Backward/Pause modes: 10 sec to 59 min 59 sec</li> <li>Maximum orbit diameter 40mm (1.6")</li> <li>Bright LED displays with touch-sensitive keypad</li> <li>Equipped with a maintenance-free direct drive BLDC motor to generate smooth, quiet, uniform, and yet powerful shaking motion required for high-speed applications and heavy workloads.</li> <li>Special acceleration and deceleration circuitry</li> <li>Stopping the shaking table always at the same position allowing for automated dosing or sampling.</li> <li>Providing smooth start and smooth stop preventing chemical spills from flasks or test tubes</li> <li>Low-profile design minimizing vibration or sliding caused by the high speed shaking motion</li> <li>Chemicals-resistant and durable construction</li> <li>System should have self protecting cut off indication (should be equipped with safety device and circuit that can be operate independently in case of electric or electronic system malfunction.</li> <li>Dimension Platform (W×D) (mm / inch): 450×450 / 17.7×17.7</li> <li>Suitable platform and clamps for 500 ml should be quoted along with system (Maximum 16 clamps of 500 ml capacity is desired)</li> <li>Electrical Requirements (230V, 50 / 60Hz): 0.2A</li> </ul>	BIO LAB
26.	CENTRIFUGE	<ul> <li>Maximum speed 18000 rpm</li> <li>Maximum RCF 23545xg</li> <li>Maximum Volume 4 x 100 ml</li> <li>Speed range 200 – 18000 rpm</li> </ul>	BIO LAB



		Maintenance-free induction drive	
		Microprocessor with large LCD display	
		Motor driven lid lock	
		Automatic rotor identification system with over speed	
		protection immediately upon rotor installation	
		Active imbalance-identification and -cut off rotor	
		specific specific	
		Imbalance tolerant drive	
		Audible signal at the end of each run with several melody	
		=	
		options	
		Rotor change should be easy to handle  Notice level under 60 d.P.A. at Mayimum speed	
		Noise level under 60 dBA at Maximum speed  Six allowed an area tion.	
		Simple one handed operation	
		Easy to program with gloves on	
		Splash proof digital display	
		Permanent indication of Preset and Actual Values	
		<ul> <li>Selection of speed in both rpm and g-force, with increments of 10</li> </ul>	
		• 10 acceleration and 10 deceleration rates, possibility of	
		un-braked deceleration	
		<ul> <li>Pre-selection of running time from 10 s to 99h 59min or continuous</li> </ul>	Y.
		Storage of up to 99 runs incl. rotor type	
		Quick-key for short runs	
		Diagnostic program	
		• Power requirement – 230 v – 50/60 Hz	
		Angle rotor of 6 x 50 ml	
		Maximum speed 12000 rpm	
		Maximum RCF 13523xg	1
		• Angle rotor of 24 x 1.5/2.0 ml	
		Maximum speed 14000	
		·	
		Maximum RCF 18625xg      The Anti-Nation demonstration of training at site.	
		- Free- Installation, demonstration & training at site	
		with operating manual.	
		- Warranty- Minimum One year (1st Year) from date	
		of installation	
		AMC- 2nd, to 3rd Year (Charges for AMC should be quoted separately	
27.	Binocular	Body: Binocular body rotatable through 3600 shape corrosion	BIO QUALITY
21.	Microscope with	resistant stand with convenient location of focus controls. Anti	LAB
	phase contrast	fungus treated, binocular pr Trinocular Tube	
	attachment	Eyepieces: wide field eye piece WF 10X and WF 15 X	
	attuoraniont	Objectives: Achromatic / Semi Plan Objectives 4X, 10X, 100X,	
		oil immersion	
		Microscope should be ISI Marked	
		Nose Piece: Quadruple revolving nose piece, with positive click	
		stop, provided with ribbed grip for easy rotation, mounted on	
		precision ball bearing mechanism.	
		Stage: Horizontal mechanical stage of size 140 × 140 mm	
		approximate with fine Werner graduation, least count 0.1 mm.	
		The clamps provided are metallic and spring loaded for exact	
		positioning of the specimen. The stage is filled with ball bring to	
		allow smooth travel over an area of 75 × 50 mm.	<u> </u>
	t		



Illumination: the microscope equipped with a high intensity compact light source, a filed diaphragm to enable Koehler Illumination, with halogen lamp of 6 volt 20 W within built ON / OFF switch, Plano Concave Mirror and light intensity regulators should also be provided.  Eye Plece Tube: Binocular eye piece tube should provide images, rotable through 360° inclined at 45° having adjustable dioptic scale from +5 to -5. The graduation is at the intervals of one dioptre. The interocular distance should be variable from 54 to 74 mm for convenience of the observer.  Packing: Wooden Storing Cabinet with lock and key. Accessories: Phase Contrast Attachment, Vinyl Cover, Duster, 25 ml immersion oil, Rolls of lens paper, 100 ml of cleaning solution and cleaning brush.  Features: Binocular eyepiece with dioptre adjustment facility for measurement calibration, 30 / 45° inclined, photo adopter site for CCD and projector attachment with phase contrast kit, darkfield kit, fluorescent kit, polarizing kit, day light blue / green filter and adapter for digital still camera with USB port.  28. Digestion Chamber and the provided with provided with water sink to absorb acid furnes with the following specifications.  SPECIFICATIONS  Fume Hood: size 5ftx3ftx4ft.ht(working area 5ftx3ft only)  Fully moulded with fiberglass  Light: Chamber should be provided with standard tube light Fume cupboard should be provided with tank made of fiber glass for absorption of fumes  Front Fume Cupboard Door should have counter weight system and toughened glass  Arrangements.  Should have protection from weather conditions and acoustic insulation  Exhaust Blower made of fiber glass powered by 1.5 HP with Ducting.  Should be provided with two hot plates for digestion of samples (size to hold 20 flasks of 100 ml. capacity.  Should be provided with compatible Fume Hood Working table. The chamber should have lockable shutter arrangement for safety during operation.  29. Global Positioning  System(GPS)  Display Size L x H 1.5°x 1.8"(appox), Diagonal 2.34"				
Illumination, with halogen lamp of 6 volt 20 W within built ON / OFF switch. Plano Concave Mirror and light intensity regulators should also be provided.  Eye Piece Tube: Binocular eye piece tube should provide images, rotable through 360° inclined at 45° having adjustable dioptic scale from +5 to -5. The graduation is at the intervals of one dioptic. The interocular distance should be variable from 54 to 74 mm for convenience of the observer.  Packing: Wooden Storing Cabinet with lock and key. Accessories: Phase Contrast Attachment, Vinyl Cover, Duster, 25 ml immersion oil, Rolls of lens paper, 100 ml of cleaning solution and cleaning brush. Features: Binocular eyepicce with dioptre adjustment facility for measurement calibration, 30 / 45° inclined, photo adopter site for CCD and projector attachment with phase contrast kit, darfield kit, fluorescent kit, polarizing kit, day light blue / green filter and adapter for digital still camera with USB port.  28. Digestion Chamber and the provided with standard tube light function and cleaning brush.  EyeCIFICATIONS  Fume Hood : size 5ftx3ftx4ft.ht(working area 5ftx3ft only)  Fully moulded with fiberglass  Light: Chamber should be provided with tank made of fiber glass for absorption of fumes Front Fume Cupboard Door should have counter weight system and toughened glass Arrangements.  Should have protection from weather conditions and acoustic insulation Exhaust Blower made of fiber glass powered by 1.5 HP with Ducting. Should be provided with two hot plates for digestion of samples (size to hold 20 flasks of 100 ml. capacity. Should be provided with compatible Fume Hood Working table. The chamber should have lockable shutter arrangement for safety during operation.  29. Global Positioning System(GPS)  Battery rechargeable: Yes Water proof: Yes High Sensitivity receiver: Yes Interface: USB Base Map: Yes			Illumination: the microscope equipped with a high intensity	
OFF switch. Plano Concave Mirror and light intensity regulators should also be provided.  Eye Piece Tube: Binocular eye piece tube should provide images, rotable through 360° inclined at 45° having adjustable dioptic scale from +5 to -5. The graduation is at the intervals of one dioptre. The interocular distance should be variable from 54 to 74 mm for convenience of the observer.  Packing: Wooden Storing Cabinet with lock and key. Accessories: Phase Contrast Attachment, Vinyl Cover, Duster, 25 ml immersion oil, Rolts of lens paper, 100 ml of cleaning solution and cleaning brush.  Features: Binocular eyepiece with dioptre adjustment facility for measurement calibration, 30 / 45° inclined, photo adopter site for CCD and projector attachment with phase contrast kit, darkfield kit, fluorescent kit, polarizing kit, day light blue ' green filter and adapter for digital still camera with USB port.  28. Digestion Chamber and fume hood  The Hood: A table mounted digestion chamber provided with water sink to absorb acid fumes with the following specifications.  SPECIFICATIONS  Fume Hood: size 5ftx3ftx4ft.ht(working area 5ftx3ft only)  Fully moulded with fiberglass  Light: Chamber should be provided with standard tube light Fume cupboard should be provided with tank made of fiber glass for absorption of fumes  Front Fume Cupboard Door should have counter weight system and toughened glass  Arrangements.  Should have protection from weather conditions and acoustic insulation  Exhaust Blower made of fiber glass powered by 1.5 HP with Ducting.  Should be provided with two hot plates for digestion of samples (size to hold 20 flasks of 100 ml. capacity.  Should be provided with compatible Fume Hood Working table. The chamber should have lockable shutter arrangement for safety during operation.  29. Global Positioning  System(GPS)  Battery rechargeable : Yes  High Sensitivity receiver : Yes  High Sensitivity receiver : Yes  High Sensitivity receiver: Yes  High Sensitivity receiver: Yes  High Sensitivity receiver: Yes				
should also be provided.  Eye Piece Tube: Binocular eye piece tube should provide images, rotable through 360° inclined at 45° having adjustable dioptic scale from +5 to -5. The graduation is at the intervals of one dioptic. The interocular distance should be variable from 54 to 74 mm for convenience of the observer.  Packing: Wooden Storing Cabinet with lock and key.  Accessories: Phase Contrast Attachment, Vinyl Cover, Duster, 25 ml immersion oil, Rolls of lens paper, 100 ml of cleaning solution and cleaning brush.  Features: Binocular eyepiece with dioptre adjustment facility for measurement calibration, 30 / 45° inclined, photo adopter site for CCD and projector attachment with phase contrast kit, darkfield kit, fluorescent kit, polarizing kit, day light blue / green filter and adapter for digital still camera with USB port.  28. Digestion  Chamber and fume hood  Chamber and fume hood: size 5ftx3ftx4ft.ht(working area 5ftx3ft only)  Fully moulded with fiberglass  Light: Chamber should be provided with standard tube light Fume cupboard should be provided with tank made of fiber glass for absorption of fumes  Front Fume Cupboard Door should have counter weight system and toughened glass  Arrangements.  Should have protection from weather conditions and acoustic insulation  Exhaust Blower made of fiber glass powered by 1.5 HP with Ducting,  Should be provided with two hot plates for digestion of samples (size to hold 20 flasks of 100 ml. capacity.  Should be provided with compatible Fume Hood Working table. The chamber should have lockable shutter arrangement for safety during operation.  29. Global Positioning  System(GPS)  Battery rechargeable: Yes Water proof: Yes High Sensitivity receiver: Yes Interface: USB Base Map: Yes  High Sensitivity receiver: Yes Interface: USB Base Map: Yes				
Eye Piece Tube: Binocular eye piece tube should provide images, rotable through 360° inclined at 45° having adjustable dioptic scale from +5 to -5. The graduation is at the intervals of one dioptre. The interocular distance should be variable from 54 to 74 mm for convenience of the observer.  Packing: Wooden Storing Cabinet with lock and key. Accessories: Phase Contrast Attachment, Vinyl Cover, Duster, 25 ml immersion oil, Rolls of lens paper, 100 ml of cleaning solution and cleaning brush. Features: Binocular eyepiece with dioptre adjustment facility for measurement calibration, 30 / 45° inclined, photo adopter site for CCD and projector attachment with phase contrast kit, darkfield kit, fluorescent kit, polarizing kit, day light blue / green filter and adapter for digital still camera with USB port.  28. Digestion Chamber and fume hood  SPECIFICATIONS Fume Hood: size 5ftx3ftx4ft.ht(working area 5ftx3ft only)  Fully moulded with fiberglass  Light: Chamber should be provided with standard tube light Fume cupboard should be provided with tank made of fiber glass for absorption of fumes  Front Fume Cupboard Door should have counter weight system and toughened glass Arrangements.  Should have protection from weather conditions and acoustic insulation  Exhaust Blower made of fiber glass powered by 1.5 HP with Ducting.  Should be provided with two hot plates for digestion of samples (size to hold 20 flasks of 100 ml. capacity. Should be provided with compatible Fume Hood Working table. The chamber should have lockable shutter arrangement for safety during operation.  29. Global Positioning  System(GPS)  Battery techargeable: Yes Water proof: Yes High Sensitivity receiver: Yes Interface: USB Battery techargeable: Yes Water proof: Yes High Sensitivity receiver: Yes Interface: USB Battery techargeable: Yes Water proof: Yes High Sensitivity receiver: Yes Interface: USB Battery techargeable: Yes				
images, rotable through 360° inclined at 45° having adjustable dioptic scale from +5 to -5. The graduation is at the intervals of one diopter. The interocular distance should be variable from 54 to 74 mm for convenience of the observer.  Packing: Wooden Storing Cabinet with lock and key.  Accessories: Phase Contrast Attachment, Vinyl Cover, Duster, 25 ml immersion oil, Rolls of lens paper, 100 ml of cleaning solution and cleaning brush.  Features: Binocular evepiece with dioptre adjustment facility for measurement calibration, 30 / 45° inclined, photo adopter site for CCD and projector attachment with phase contrast kit, darkfield kit, fluorescent kit, polarizing kit, day light blue / green filter and adapter for digital still camera with USB port.  28. Digestion Chamber and fume hood  29. Pilly moulded with fiberglass  Light: Chamber should be provided with standard tube light Fume cupboard should be provided with tank made of fiber glass for absorption of fumes  Front Fume Cupboard Door should have counter weight system and toughened glass  Arrangements.  Should have protection from weather conditions and acoustic insulation  Exhaust Blower made of fiber glass powered by 1.5 HP with Ducting.  Should be provided with two hot plates for digestion of samples (size to hold 20 flasks of 100 ml. capacity.  Should be provided with two hot plates for digestion of samples (size to hold 20 flasks of 100 ml. capacity.  Should be provided with compatible Fume Hood Working table. The chamber should have lockable shutter arrangement for safety during operation.  29. Global Display Size L x H 1.5"x 1.8"(appox), Diagonal 2.34" (appox)  Resolution 128 x 160 Pixels  Display Size L x H 1.5"x 1.8"(appox), Diagonal 2.34" (appox)  Resolution 128 x 160 Pixels  Battery rechargeable : Yes  High Sensitivity receiver : Yes  High Sensitivity receiver : Yes  High Sensitivity receiver : Yes  High Sensitivity receiver : Yes  High Sensitivity receiver : Yes  High Sensitivity receiver : Yes			should also be provided.	
images, rotable through 360° inclined at 45° having adjustable dioptic scale from +5 to -5. The graduation is at the intervals of one diopter. The interocular distance should be variable from 54 to 74 mm for convenience of the observer.  Packing: Wooden Storing Cabinet with lock and key.  Accessories: Phase Contrast Attachment, Vinyl Cover, Duster, 25 ml immersion oil, Rolls of lens paper, 100 ml of cleaning solution and cleaning brush.  Features: Binocular evepiece with dioptre adjustment facility for measurement calibration, 30 / 45° inclined, photo adopter site for CCD and projector attachment with phase contrast kit, darkfield kit, fluorescent kit, polarizing kit, day light blue / green filter and adapter for digital still camera with USB port.  28. Digestion Chamber and fume hood  29. Pilly moulded with fiberglass  Light: Chamber should be provided with standard tube light Fume cupboard should be provided with tank made of fiber glass for absorption of fumes  Front Fume Cupboard Door should have counter weight system and toughened glass  Arrangements.  Should have protection from weather conditions and acoustic insulation  Exhaust Blower made of fiber glass powered by 1.5 HP with Ducting.  Should be provided with two hot plates for digestion of samples (size to hold 20 flasks of 100 ml. capacity.  Should be provided with two hot plates for digestion of samples (size to hold 20 flasks of 100 ml. capacity.  Should be provided with compatible Fume Hood Working table. The chamber should have lockable shutter arrangement for safety during operation.  29. Global Display Size L x H 1.5"x 1.8"(appox), Diagonal 2.34" (appox)  Resolution 128 x 160 Pixels  Display Size L x H 1.5"x 1.8"(appox), Diagonal 2.34" (appox)  Resolution 128 x 160 Pixels  Battery rechargeable : Yes  High Sensitivity receiver : Yes  High Sensitivity receiver : Yes  High Sensitivity receiver : Yes  High Sensitivity receiver : Yes  High Sensitivity receiver : Yes  High Sensitivity receiver : Yes			Eye Piece Tube: Binocular eye piece tube should provide	
dioptic scale from +5 to -5. The graduation is at the intervals of one dioptre. The interocular distance should be variable from 54 to 74 mm for convenience of the observer.  Packing: Wooden Storing Cabinet with lock and key.  Accessories: Phase Contrast Attachment, Vinyl Cover, Duster, 25 ml immersion oil, Rolls of lens paper, 100 ml of cleaning solution and cleaning brush.  Features: Binocular eyepiece with dioptre adjustment facility for measurement calibration, 30 / 45° inclined, photo adopter site for CCD and projector attachment with phase contrast kit, darkfield kit, fluorescent kit, polarizing kit, day light blue / green filter and adapter for digital still camera with USB port.  28. Digestion Chamber and fume hood  The Hood: A table mounted digestion chamber provided with water sink to absorb acid fumes with the following specifications.  SPECIFICATIONS  Fume Hood: size 5ftx3ftx4ft.ht(working area 5ftx3ft only)  Fully moulded with fiberglass  Light: Chamber should be provided with standard tube light Pume cupboard should be provided with tank made of fiber glass for absorption of fumes  Front Fume Cupboard Door should have counter weight system and toughened glass  Arrangements.  Should have protection from weather conditions and acoustic insulation  Exhaust Blower made of fiber glass powered by 1.5 HP with Ducting.  Should be provided with two hot plates for digestion of samples (size to hold 20 flasks of 100 ml. capacity.  Should be provided with compatible Fume Hood Working table. The chamber should have lockable shutter arrangement for safety during operation.  Positioning  System(GPS)  Global Positioning  System(GPS)  Positioning System (GPS)		images, rotable through 360° inclined at 45° having adjustable		
one dioptre. The interocular distance should be variable from 54 to 74 mm for convenience of the observer.  Packing: Wooden Storing Cabinet with lock and key. Accessories: Phase Contrast Attachment, Vinyl Cover, Duster, 25 ml immersion oil, Rolls of lens paper, 100 ml of cleaning solution and cleaning brush.  Features: Binocular eyepiece with dioptre adjustment facility for measurement calibration, 30 / 45° inclined, photo adopter site for CCD and projector attachment with phase contrast kit, darkfield kit, fluorescent kit, polarizing kit, day light blue / green filter and adapter for digital still camera with USB port.  28. Digestion Chamber and fume hood  Chamber and fume hood:  A table mounted digestion chamber provided with water sink to absorb acid fumes with the following specifications.  SPECIFICATIONS  Fume Hood: size 5ftx3ftx4ft.ht(working area 5ftx3ft only)  Fully moulded with fiberglass  Light: Chamber should be provided with standard tube light Fume cupboard should be provided with tank made of fiber glass for absorption of fumes  Front Fume Cupboard Door should have counter weight system and toughened glass  Arrangements.  Should have protection from weather conditions and acoustic insulation  Exhaust Blower made of fiber glass powered by 1.5 HP with Ducting.  Should be provided with two hot plates for digestion of samples (size to hold 20 flasks of 100 ml. capacity.  Should be provided with compatible Fume Hood Working table. The chamber should have lockable shutter arrangement for safety during operation.  Display Size L x H 1.5°x 1.8"(appox), Diagonal 2.34" (appox)  Positioning  System(GPS)  Battery rechargeable: Yes  Water proof: Yes  High Sensitivity receiver: Yes  Interface: USB  Base Map: Yes				
to 74 mm for convenience of the observer. Packing: Wooden Storing Cabinet with lock and key. Accessories: Phase Contrast Attachment, Vinyl Cover, Duster, 25 ml immersion oil, Rolls of lens paper, 100 ml of cleaning solution and cleaning brush. Features: Binocular eyepiece with dioptre adjustment facility for measurement calibration, 30 / 45° inclined, photo adopter site for CCD and projector attachment with phase contrast kit, darkfield kit, fluorescent kit, polarizing kit, day light blue / green filter and adapter for digital still camera with USB port.  28. Digestion Chamber and fume hood  28. Digestion Chamber and fume hood:  29. Fume Hood: size 5ftx3ftx4ft.ht(working area 5ftx3ft only)  Fully moulded with fiberglass  Light: Chamber should be provided with standard tube light Fume cupboard should be provided with tank made of fiber glass for absorption of fumes Front Fume Cupboard Door should have counter weight system and toughened glass Arrangements. Should have protection from weather conditions and acoustic insulation Exhaust Blower made of fiber glass powered by 1.5 HP with Ducting. Should be provided with two hot plates for digestion of samples (size to hold 20 flasks of 100 ml. capacity. Should be provided with compatible Fume Hood Working table. The chamber should have lockable shutter arrangement for safety during operation.  29. Global Positioning System(GPS)  Display Type: Transflextive, Monochrome Battery rechargeable: Yes Water proof: Yes High Sensitivity receiver: Yes Interface: USB Base Map: Yes				
Packing: Wooden Storing Cabinet with lock and key. Accessories: Phase Contrast Attachment, Vinyl Cover, Duster, 25 ml immersion oil, Rolls of lens paper, 100 ml of cleaning solution and cleaning brush. Features: Binocular eyepiece with dioptre adjustment facility for measurement calibration, 30 / 45° inclined, photo adopter site for CCD and projector attachment with phase contrast kit, darkfield kit, fluorescent kit, polarizing kit, day light blue / green filter and adapter for digital still camera with USB port.  28. Digestion Chamber Chamber and fume hood  28. Digestion Chamber and fume hood  29. FQCL  Pack Chamber should be provided with standard tube light Pume cupboard should be provided with standard tube light Pume cupboard boor should have counter weight system and toughened glass Arrangements. Should have protection from weather conditions and acoustic insulation Exhaust Blower made of fiber glass powered by 1.5 HP with Ducting. Should have provided with two hot plates for digestion of samples (size to hold 20 flasks of 100 ml. capacity. Should be provided with compatible Fume Hood Working table. The chamber should have lockable shutter arrangement for safety during operation.  29. Global Positioning System(GPS)  Display Type: Transflextive, Monochrome Battery rechargeable: Yes Water proof: Yes High Sensitivity receiver: Yes Interface: USB Base Map: Yes				
Accessories: Phase Contrast Attachment, Vinyl Cover, Duster, 25 ml immersion oil, Rolls of lens paper, 100 ml of cleaning solution and cleaning brush.  Features: Binocular eyepiece with dioptre adjustment facility for measurement calibration, 30 / 45° inclined, photo adopter site for CCD and projector attachment with phase contrast kit, darkfield kit, fluorescent kit, polarizing kit, day light blue / green filter and adapter for digital still camera with USB port.  28. Digestion Chamber and fume hood  28. Digestion Chamber and fume hood: 3 table mounted digestion chamber provided with water sink to absorb acid fumes with the following specifications.  SPECIFICATIONS  Fume Hood: size 5ftx3ftx4ft.ht(working area 5ftx3ft only)  Fully moulded with fiberglass  Light: Chamber should be provided with standard tube light Fume cupboard should be provided with tank made of fiber glass for absorption of fumes  Front Fume Cupboard Door should have counter weight system and toughened glass  Arrangements.  Should have protection from weather conditions and acoustic insulation  Exhaust Blower made of fiber glass powered by 1.5 HP with Ducting.  Should be provided with two hot plates for digestion of samples (size to hold 20 flasks of 100 ml. capacity.  Should be provided with compatible Fume Hood Working table. The chamber should have lockable shutter arrangement for safety during operation.  29. Global  Positioning  System(GPS)  System(GPS)  Display Type: Transflextive, Monochrome  Battery techargeable: Yes  Water proof: Yes  High Sensitivity receiver: Yes  Interface: USB  Base Map: Yes				
ml immersion oil, Rolls of lens paper, 100 ml of cleaning solution and cleaning brush.  Features: Binocular eyepiece with dioptre adjustment facility for measurement calibration, 30 / 45° inclined, photo adopter site for CCD and projector attachment with phase contrast kit, darkfield kit, fluorescent kit, polarizing kit, day light blue / green filter and adapter for digital still camera with USB port.  28. Digestion Chamber and fume hood  SPECIFICATIONS  Fume Hood : size 5ftx3ftx4ft.ht(working area 5ftx3ft only)  Fully moulded with fiberglass  Light: Chamber should be provided with standard tube light Fume cupboard should be provided with made of fiber glass for absorption of fumes Front Fume Cupboard Door should have counter weight system and toughened glass Arrangements.  Should have protection from weather conditions and acoustic insulation Exhaust Blower made of fiber glass powered by 1.5 HP with Ducting. Should be provided with two hot plates for digestion of samples (size to hold 20 flasks of 100 ml. capacity. Should be provided with compatible Fume Hood Working table. The chamber should have lockable shutter arrangement for safety during operation.  Global Positioning System(GPS)  Display Type: Transflextive, Monochrome Battery Life: 20 hours Battery rechargeable: Yes Water proof: Yes High Sensitivity receiver: Yes Interface: USB Base Map: Yes			A coassories: Phase Contrast Attachment Vinyl Cover Duster 25	
and cleaning brush. Features: Binocular eyepiece with dioptre adjustment facility for measurement calibration, 30 / 45° inclined, photo adopter site for CCD and projector attachment with phase contrast kit, darkfield kit, fluorescent kit, polarizing kit, day light blue / green filter and adapter for digital still camera with USB port.  28. Digestion Chamber and fume hood  28. Digestion Chamber and fume hood  29. Global Positioning System(GPS)  and cleaning brush. Features: Binacoular eyepiece with dioptre adjustment facility for measurements. For the facility of the provided with standard tube light for absorb acid fumes with the following specifications.  FQCL  F				
Features: Binocular eyepiece with dioptre adjustment facility for measurement calibration, 30 / 45° inclined, photo adopter site for CCD and projector attachment with phase contrast kit, darkfield kit, fluorescent kit, polarizing kit, day light blue / green filter and adapter for digital still camera with USB port.  28. Digestion Chamber and fume hood  28. Digestion Chamber and fume hood  29. Global Positioning System(GPS)  Positioning System(GPS)  For the American Since of the provided with compatible Fume hood to the contrast kit, darkfield kit, fluorescent kit, polarizing kit, day light blue / green filter and adapter for digital still camera with USB port.  FQCL  FQ			,	
measurement calibration, 30 / 45° inclined, photo adopter site for CCD and projector attachment with phase contrast kit, darkfield kit, fluorescent kit, polarizing kit, day light blue / green filter and adapter for digital still camera with USB port.  28. Digestion Chamber and fume hood  28. Digestion Chamber and fume hood  29. Global Positioning System(GPS)  Global Positioning System(GPS)  Global Positioning System(GPS)  measurement calibration, 30 / 45° inclined, photo adopter site for CCD and projector at atchment with phase contrast kit, darkfield kit, disport kit, disport kit, darkfield kit, darkfield kit, darkfield kit, disport kit, disport kit, darkfield kit, darkfield kit, darkfield kit, disport kit, disport kit, darkfield kit, darkfield kit, darkfield kit, disport kit, darkfield ki	1			
CCD and projector attachment with phase contrast kit, darkfield kit, fluorescent kit, polarizing kit, day light blue / green filter and adapter for digital still camera with USB port.  28. Digestion Chamber and fume hood  28. Digestion Chamber and fume hood  29. Global Positioning System(GPS)  Global Positioning System(GPS)  Global Positioning System(GPS)  GCD and projector attachment with phase contrast kit, darkfield kit, fluorescent kit, polarizing kit, day light blue / green filter and adapter for digital still camera with USB port.  29. Global Positioning System(GPS)  GCD and projector attachment with phase contrast kit, darkfield kit, fluorescent kit, polarizing kit, day light blue / green filter and adapter for digital still camera with USB port.  29. Global Positioning System(GPS)  Global Positioning System(GPS)  GCD and projector attachment with type light kit, day light blue / green filter and adapter for digital still to absorb acid fumes with USB port.  GLOBAL At able mounted digestion chamber provided with standard tube light pume cupboard should be provided with tank made of fiber glass for absorption of fumes Front Fume Cupboard Door should have counter weight system and toughened glass Arrangements.  Should have protection from weather conditions and acoustic insulation Exhaust Blower made of fiber glass powered by 1.5 HP with Ducting.  Should be provided with two hot plates for digestion of samples (size to hold 20 flasks of 100 ml. capacity.  Should be provided with compatible Fume Hood Working table.  The chamber should have lockable shutter arrangement for safety during operation.  FQCL / STL  FQCL / STL  FQCL / STL  FQCL / STL  FQCL / STL  FQCL / STL  FQCL / STL  FQCL / STL  FQCL / STL  Figure and toughered with USB powers and the following specifications.  FQCL / STL  FQCL / STL  FQCL / STL  FQCL / STL  FQCL / STL  FQCL / STL  FQCL / STL  FQCL / STL  FQCL / STL  FQCL / STL				
kit, fluorescent kit, polarizing kit, day light blue / green filter and adapter for digital still camera with USB port.  A table mounted digestion chamber provided with water sink to absorb acid fumes with the following specifications.  SPECIFICATIONS  Fume Hood: size 5ftx3ftx4ft.ht(working area 5ftx3ft only)  Fully moulded with fiberglass  Light: Chamber should be provided with standard tube light Fume cupboard should be provided with tank made of fiber glass for absorption of fumes  Front Fume Cupboard Door should have counter weight system and toughened glass  Arrangements.  Should have protection from weather conditions and acoustic insulation  Exhaust Blower made of fiber glass powered by 1.5 HP with Ducting.  Should be provided with two hot plates for digestion of samples (size to hold 20 flasks of 100 ml. capacity.  Should be provided with compatible Fume Hood Working table.  The chamber should have lockable shutter arrangement for safety during operation.  29. Global  Positioning  System(GPS)  Global Tipsely Size L x H 1.5"x 1.8"(appox), Diagonal 2.34" (appox)  Resolution 128 x 160 Pixels  Display Type: Transflextive, Monochrome  Battery Life: 20 hours  Battery rechargeable: Yes  Water proof: Yes  High Sensitivity receiver: Yes  Interface: USB  Base Map: Yes				
28. Digestion Chamber and fume hood  28. Digestion Chamber and fume hood  29. Chamber Should be provided with tank made of fiber glass for absorption of fumes and toughened glass Arrangements. Should have protection from weather conditions and acoustic insulation Exhaust Blower made of fiber glass powered by 1.5 HP with Ducting. Should be provided with two hot plates for digestion of samples (size to hold 20 flasks of 100 ml. capacity. Should be provided with compatible Fume Hood Working table. The chamber should have lockable shutter arrangement for safety during operation.  29. Global Positioning System(GPS)  Display Type: Transflextive , Monochrome Battery Life : 20 hours Battery rechargeable : Yes Water proof : Yes High Sensitivity receiver : Yes Interface : USB Base Map : Yes				
28. Digestion Chamber and fume hood  1				
Chamber fume hood  Chamber fume hood  Chamber fume hood  Absorb acid fumes with the following specifications.  SPECIFICATIONS  Fume Hood: size 5ftx3ftx4ft.ht(working area 5ftx3ft only)  Fully moulded with fiberglass  Light: Chamber should be provided with standard tube light Fume cupboard should be provided with tank made of fiber glass for absorption of fumes Front Fume Cupboard Door should have counter weight system and toughened glass Arrangements. Should have protection from weather conditions and acoustic insulation Exhaust Blower made of fiber glass powered by 1.5 HP with Ducting. Should be provided with two hot plates for digestion of samples (size to hold 20 flasks of 100 ml. capacity. Should be provided with compatible Fume Hood Working table. The chamber should have lockable shutter arrangement for safety during operation.  Display Size L x H 1.5"x 1.8"(appox), Diagonal 2.34" (appox) Resolution 128 x 160 Pixels Display Type: Transflextive, Monochrome Battery Life: 20 hours Battery rechargeable: Yes Water proof: Yes High Sensitivity receiver: Yes Interface: USB Base Map: Yes			adapter for digital still camera with USB port.	POCI
fume hood  SPECIFICATIONS  Fume Hood: size 5ftx3ftx4ft.ht(working area 5ftx3ft only)  Fully moulded with fiberglass  Light: Chamber should be provided with standard tube light Fume cupboard should be provided with tank made of fiber glass for absorption of fumes Front Fume Cupboard Door should have counter weight system and toughened glass Arrangements.  Should have protection from weather conditions and acoustic insulation Exhaust Blower made of fiber glass powered by 1.5 HP with Ducting. Should be provided with two hot plates for digestion of samples (size to hold 20 flasks of 100 ml. capacity. Should be provided with compatible Fume Hood Working table. The chamber should have lockable shutter arrangement for safety during operation.  29. Global Positioning System(GPS) Display Size L x H 1.5"x 1.8"(appox), Diagonal 2.34" (appox) Resolution 128 x 160 Pixels Display Type: Transflextive, Monochrome Battery Life: 20 hours Battery rechargeable: Yes Water proof: Yes High Sensitivity receiver: Yes Interface: USB Base Map: Yes	28.			rQCL
Fume Hood: size 5ftx3ftx4ft.ht(working area 5ftx3ft only)  Fully moulded with fiberglass  Light: Chamber should be provided with standard tube light Fume cupboard should be provided with tank made of fiber glass for absorption of fumes Front Fume Cupboard Door should have counter weight system and toughened glass Arrangements. Should have protection from weather conditions and acoustic insulation Exhaust Blower made of fiber glass powered by 1.5 HP with Ducting. Should be provided with two hot plates for digestion of samples (size to hold 20 flasks of 100 ml. capacity. Should be provided with compatible Fume Hood Working table. The chamber should have lockable shutter arrangement for safety during operation.  29. Global Positioning System(GPS)  Display Size L x H 1.5"x 1.8"(appox), Diagonal 2.34" (appox) Resolution 128 x 160 Pixels Display Type: Transflextive, Monochrome Battery Life: 20 hours Battery rechargeable: Yes Water proof: Yes High Sensitivity receiver: Yes Interface: USB Base Map: Yes			absorb acid fumes with the following specifications.	
Fume Hood: size 5ftx3ftx4ft.ht(working area 5ftx3ft only)  Fully moulded with fiberglass  Light: Chamber should be provided with standard tube light Fume cupboard should be provided with tank made of fiber glass for absorption of fumes Front Fume Cupboard Door should have counter weight system and toughened glass Arrangements. Should have protection from weather conditions and acoustic insulation Exhaust Blower made of fiber glass powered by 1.5 HP with Ducting. Should be provided with two hot plates for digestion of samples (size to hold 20 flasks of 100 ml. capacity. Should be provided with compatible Fume Hood Working table. The chamber should have lockable shutter arrangement for safety during operation.  29. Global Positioning System(GPS)  Display Size L x H 1.5"x 1.8"(appox), Diagonal 2.34" (appox) Resolution 128 x 160 Pixels Display Type: Transflextive, Monochrome Battery Life: 20 hours Battery rechargeable: Yes Water proof: Yes High Sensitivity receiver: Yes Interface: USB Base Map: Yes		fume hood		
Eully moulded with fiberglass  Light: Chamber should be provided with standard tube light Fume cupboard should be provided with tank made of fiber glass for absorption of fumes Front Fume Cupboard Door should have counter weight system and toughened glass Arrangements. Should have protection from weather conditions and acoustic insulation Exhaust Blower made of fiber glass powered by 1.5 HP with Ducting. Should be provided with two hot plates for digestion of samples (size to hold 20 flasks of 100 ml. capacity. Should be provided with compatible Fume Hood Working table. The chamber should have lockable shutter arrangement for safety during operation.  29. Global Positioning System(GPS) Display Size L x H 1.5"x 1.8"(appox), Diagonal 2.34" (appox) Resolution 128 x 160 Pixels Display Type: Transflextive, Monochrome Battery Life: 20 hours Battery rechargeable: Yes Water proof: Yes High Sensitivity receiver: Yes Interface: USB Base Map: Yes			SPECIFICATIONS	
Eully moulded with fiberglass  Light: Chamber should be provided with standard tube light Fume cupboard should be provided with tank made of fiber glass for absorption of fumes Front Fume Cupboard Door should have counter weight system and toughened glass Arrangements. Should have protection from weather conditions and acoustic insulation Exhaust Blower made of fiber glass powered by 1.5 HP with Ducting. Should be provided with two hot plates for digestion of samples (size to hold 20 flasks of 100 ml. capacity. Should be provided with compatible Fume Hood Working table. The chamber should have lockable shutter arrangement for safety during operation.  29. Global Positioning System(GPS) Display Size L x H 1.5"x 1.8"(appox), Diagonal 2.34" (appox) Resolution 128 x 160 Pixels Display Type: Transflextive, Monochrome Battery Life: 20 hours Battery rechargeable: Yes Water proof: Yes High Sensitivity receiver: Yes Interface: USB Base Map: Yes				
Light: Chamber should be provided with standard tube light Fume cupboard should be provided with tank made of fiber glass for absorption of fumes Front Fume Cupboard Door should have counter weight system and toughened glass Arrangements. Should have protection from weather conditions and acoustic insulation Exhaust Blower made of fiber glass powered by 1.5 HP with Ducting. Should be provided with two hot plates for digestion of samples (size to hold 20 flasks of 100 ml. capacity. Should be provided with compatible Fume Hood Working table. The chamber should have lockable shutter arrangement for safety during operation.  29. Global Positioning System(GPS) Display Size L x H 1.5"x 1.8"(appox), Diagonal 2.34" (appox) Resolution 128 x 160 Pixels Display Type: Transflextive, Monochrome Battery Life: 20 hours Battery rechargeable: Yes Water proof: Yes High Sensitivity receiver: Yes Interface: USB Base Map: Yes			Fume Hood: size 5ftx3ftx4ft.ht(working area 5ftx3ft only)	
Light: Chamber should be provided with standard tube light Fume cupboard should be provided with tank made of fiber glass for absorption of fumes Front Fume Cupboard Door should have counter weight system and toughened glass Arrangements. Should have protection from weather conditions and acoustic insulation Exhaust Blower made of fiber glass powered by 1.5 HP with Ducting. Should be provided with two hot plates for digestion of samples (size to hold 20 flasks of 100 ml. capacity. Should be provided with compatible Fume Hood Working table. The chamber should have lockable shutter arrangement for safety during operation.  29. Global Positioning System(GPS) Display Size L x H 1.5"x 1.8"(appox), Diagonal 2.34" (appox) Resolution 128 x 160 Pixels Display Type: Transflextive, Monochrome Battery Life: 20 hours Battery rechargeable: Yes Water proof: Yes High Sensitivity receiver: Yes Interface: USB Base Map: Yes				
Fume cupboard should be provided with tank made of fiber glass for absorption of fumes Front Fume Cupboard Door should have counter weight system and toughened glass Arrangements. Should have protection from weather conditions and acoustic insulation Exhaust Blower made of fiber glass powered by 1.5 HP with Ducting. Should be provided with two hot plates for digestion of samples (size to hold 20 flasks of 100 ml. capacity. Should be provided with compatible Fume Hood Working table. The chamber should have lockable shutter arrangement for safety during operation.  29. Global Positioning System(GPS) Display Size L x H 1.5"x 1.8"(appox), Diagonal 2.34" (appox) Resolution 128 x 160 Pixels Display Type: Transflextive, Monochrome Battery Life: 20 hours Battery rechargeable: Yes Water proof: Yes High Sensitivity receiver: Yes Interface: USB Base Map: Yes			Fully moulded with fiberglass	
Fume cupboard should be provided with tank made of fiber glass for absorption of fumes Front Fume Cupboard Door should have counter weight system and toughened glass Arrangements. Should have protection from weather conditions and acoustic insulation Exhaust Blower made of fiber glass powered by 1.5 HP with Ducting. Should be provided with two hot plates for digestion of samples (size to hold 20 flasks of 100 ml. capacity. Should be provided with compatible Fume Hood Working table. The chamber should have lockable shutter arrangement for safety during operation.  29. Global Positioning System(GPS) Display Size L x H 1.5"x 1.8"(appox), Diagonal 2.34" (appox) Resolution 128 x 160 Pixels Display Type: Transflextive, Monochrome Battery Life: 20 hours Battery rechargeable: Yes Water proof: Yes High Sensitivity receiver: Yes Interface: USB Base Map: Yes			The Charles of the Land of the Land of the Light	
for absorption of fumes Front Fume Cupboard Door should have counter weight system and toughened glass Arrangements. Should have protection from weather conditions and acoustic insulation Exhaust Blower made of fiber glass powered by 1.5 HP with Ducting. Should be provided with two hot plates for digestion of samples (size to hold 20 flasks of 100 ml. capacity. Should be provided with compatible Fume Hood Working table. The chamber should have lockable shutter arrangement for safety during operation.  29. Global Positioning System(GPS) Display Size L x H 1.5"x 1.8"(appox), Diagonal 2.34" (appox) Resolution 128 x 160 Pixels Display Type: Transflextive, Monochrome Battery Life: 20 hours Battery rechargeable: Yes Water proof: Yes High Sensitivity receiver: Yes Interface: USB Base Map: Yes				
Front Fume Cupboard Door should have counter weight system and toughened glass Arrangements. Should have protection from weather conditions and acoustic insulation Exhaust Blower made of fiber glass powered by 1.5 HP with Ducting. Should be provided with two hot plates for digestion of samples (size to hold 20 flasks of 100 ml. capacity. Should be provided with compatible Fume Hood Working table. The chamber should have lockable shutter arrangement for safety during operation.  29. Global Positioning System(GPS) Display Size L x H 1.5"x 1.8"(appox), Diagonal 2.34" (appox) Resolution 128 x 160 Pixels Display Type: Transflextive, Monochrome Battery Life: 20 hours Battery rechargeable: Yes Water proof: Yes High Sensitivity receiver: Yes Interface: USB Base Map: Yes			•	
and toughened glass Arrangements. Should have protection from weather conditions and acoustic insulation Exhaust Blower made of fiber glass powered by 1.5 HP with Ducting. Should be provided with two hot plates for digestion of samples (size to hold 20 flasks of 100 ml. capacity. Should be provided with compatible Fume Hood Working table. The chamber should have lockable shutter arrangement for safety during operation.  29. Global Positioning System(GPS) Display Size L x H 1.5"x 1.8"(appox), Diagonal 2.34" (appox) Resolution 128 x 160 Pixels Display Type: Transflextive, Monochrome Battery Life: 20 hours Battery rechargeable: Yes Water proof: Yes High Sensitivity receiver: Yes Interface: USB Base Map: Yes				
Arrangements.  Should have protection from weather conditions and acoustic insulation  Exhaust Blower made of fiber glass powered by 1.5 HP with Ducting.  Should be provided with two hot plates for digestion of samples (size to hold 20 flasks of 100 ml. capacity.  Should be provided with compatible Fume Hood Working table. The chamber should have lockable shutter arrangement for safety during operation.  29. Global Positioning System(GPS)  Display Size L x H 1.5"x 1.8"(appox), Diagonal 2.34" (appox)  Resolution 128 x 160 Pixels  Display Type: Transflextive, Monochrome Battery Life: 20 hours Battery rechargeable: Yes Water proof: Yes High Sensitivity receiver: Yes Interface: USB Base Map: Yes				
Should have protection from weather conditions and acoustic insulation  Exhaust Blower made of fiber glass powered by 1.5 HP with Ducting.  Should be provided with two hot plates for digestion of samples (size to hold 20 flasks of 100 ml. capacity.  Should be provided with compatible Fume Hood Working table. The chamber should have lockable shutter arrangement for safety during operation.  29. Global Positioning System(GPS)  Display Size L x H 1.5"x 1.8"(appox), Diagonal 2.34" (appox)  Resolution 128 x 160 Pixels Display Type: Transflextive, Monochrome Battery Life: 20 hours Battery rechargeable: Yes Water proof: Yes High Sensitivity receiver: Yes Interface: USB Base Map: Yes				
insulation Exhaust Blower made of fiber glass powered by 1.5 HP with Ducting. Should be provided with two hot plates for digestion of samples (size to hold 20 flasks of 100 ml. capacity. Should be provided with compatible Fume Hood Working table. The chamber should have lockable shutter arrangement for safety during operation.  29. Global Positioning System(GPS) Display Size L x H 1.5"x 1.8"(appox), Diagonal 2.34" (appox) Resolution 128 x 160 Pixels Display Type: Transflextive, Monochrome Battery Life: 20 hours Battery rechargeable: Yes Water proof: Yes High Sensitivity receiver: Yes Interface: USB Base Map: Yes			Arrangements.	
Exhaust Blower made of fiber glass powered by 1.5 HP with Ducting.  Should be provided with two hot plates for digestion of samples (size to hold 20 flasks of 100 ml. capacity.  Should be provided with compatible Fume Hood Working table.  The chamber should have lockable shutter arrangement for safety during operation.  29. Global Positioning Positioning Resolution 128 x 160 Pixels  System(GPS) Display Type: Transflextive, Monochrome Battery Life: 20 hours  Battery rechargeable: Yes  Water proof: Yes  High Sensitivity receiver: Yes  Interface: USB  Base Map: Yes				
Ducting. Should be provided with two hot plates for digestion of samples (size to hold 20 flasks of 100 ml. capacity. Should be provided with compatible Fume Hood Working table. The chamber should have lockable shutter arrangement for safety during operation.  29. Global Positioning System(GPS) Display Size L x H 1.5"x 1.8"(appox), Diagonal 2.34" (appox) Resolution 128 x 160 Pixels Display Type: Transflextive, Monochrome Battery Life: 20 hours Battery rechargeable: Yes Water proof: Yes High Sensitivity receiver: Yes Interface: USB Base Map: Yes				
Should be provided with two hot plates for digestion of samples (size to hold 20 flasks of 100 ml. capacity.  Should be provided with compatible Fume Hood Working table. The chamber should have lockable shutter arrangement for safety during operation.  29. Global Positioning System(GPS)  Display Size L x H 1.5"x 1.8"(appox), Diagonal 2.34" (appox)  Resolution 128 x 160 Pixels  Display Type: Transflextive, Monochrome  Battery Life: 20 hours  Battery rechargeable: Yes  Water proof: Yes  High Sensitivity receiver: Yes  Interface: USB  Base Map: Yes			Exhaust Blower made of fiber glass powered by 1.5 HP with	
(size to hold 20 flasks of 100 ml. capacity. Should be provided with compatible Fume Hood Working table. The chamber should have lockable shutter arrangement for safety during operation.  29. Global Positioning System(GPS) Display Size L x H 1.5"x 1.8"(appox), Diagonal 2.34" (appox) Resolution 128 x 160 Pixels Display Type: Transflextive, Monochrome Battery Life: 20 hours Battery rechargeable: Yes Water proof: Yes High Sensitivity receiver: Yes Interface: USB Base Map: Yes				
Should be provided with compatible Fume Hood Working table. The chamber should have lockable shutter arrangement for safety during operation.  29. Global Positioning System(GPS) Display Size L x H 1.5"x 1.8"(appox), Diagonal 2.34" (appox) Resolution 128 x 160 Pixels Display Type: Transflextive, Monochrome Battery Life: 20 hours Battery rechargeable: Yes Water proof: Yes High Sensitivity receiver: Yes Interface: USB Base Map: Yes				
The chamber should have lockable shutter arrangement for safety during operation.  29. Global Display Size L x H 1.5"x 1.8"(appox), Diagonal 2.34" (appox)  Resolution 128 x 160 Pixels  Display Type: Transflextive, Monochrome  Battery Life: 20 hours  Battery rechargeable: Yes  Water proof: Yes  High Sensitivity receiver: Yes  Interface: USB  Base Map: Yes				
during operation.  29. Global Display Size L x H 1.5"x 1.8"(appox), Diagonal 2.34" (appox) Positioning System(GPS) Display Type: Transflextive, Monochrome Battery Life: 20 hours Battery rechargeable: Yes Water proof: Yes High Sensitivity receiver: Yes Interface: USB Base Map: Yes			Should be provided with compatible Fume Hood Working table.	
29. Global Positioning Resolution 128 x 160 Pixels System(GPS) Display Type: Transflextive, Monochrome Battery Life: 20 hours Battery rechargeable: Yes Water proof: Yes High Sensitivity receiver: Yes Interface: USB Base Map: Yes			The chamber should have lockable shutter arrangement for safety	
Positioning System(GPS)  Resolution 128 x 160 Pixels Display Type: Transflextive, Monochrome Battery Life: 20 hours Battery rechargeable: Yes Water proof: Yes High Sensitivity receiver: Yes Interface: USB Base Map: Yes	L_		during operation.	
Positioning System(GPS)  Resolution 128 x 160 Pixels Display Type: Transflextive, Monochrome Battery Life: 20 hours Battery rechargeable: Yes Water proof: Yes High Sensitivity receiver: Yes Interface: USB Base Map: Yes	29.	ł	Display Size L x H 1.5"x 1.8"(appox), Diagonal 2.34" (appox)	FQCL/STL
Battery Life: 20 hours Battery rechargeable: Yes Water proof: Yes High Sensitivity receiver: Yes Interface: USB Base Map: Yes		Positioning	Resolution 128 x 160 Pixels	
Battery Life: 20 hours Battery rechargeable: Yes Water proof: Yes High Sensitivity receiver: Yes Interface: USB Base Map: Yes		System(GPS)	Display Type: Transflextive, Monochrome	
Battery rechargeable: Yes Water proof: Yes High Sensitivity receiver: Yes Interface: USB Base Map: Yes				
Water proof: Yes High Sensitivity receiver: Yes Interface: USB Base Map: Yes				
High Sensitivity receiver : Yes Interface : USB Base Map : Yes				
Interface : USB Base Map : Yes				
Base Map : Yes				
				sin many bear and the same and
	L			



	Shaking machine / Water Bath Shaker	Operating and Maintenance Manual of the instrument is to be supplied along with the instrument.  Reciprocating type, variable speed of 70 to 300 strokes per minute, with box type platform carrier(Size 79 cm L x 43 cm W x 8 cm H) fitted with heavy duty electric motor for continuous operation and built in 0-60 minutes times witch: to work on 220 V, 50 CV, With 50 cm x38 cm water bath, mounted on the	STL/ FQCL
		<ol> <li>The instrument and accessories will be accepted after delivery and successful commissioning of the instrument at our site.</li> <li>Payment will be made after installation, commissioning and testing of the instrument at our site.</li> <li>List of customers including the DAE units should be given.</li> </ol>	
A STATE OF THE STA		NOTE:  1. Essential spares and accessories of the main instrument for 5 years of trouble free operation are to be quoted separately in the Price Bid – Alternate Form  2. Guarantee Certificate for a minimum period of 12 months is to be submitted.	
2416		Method Storage: 50 methods with parameters Titrant molarity storage: 20 values Input/output peripheral: parallel and serial ports Power: 230 V AC; 50 HZ Temperature: ambient to 45° C Humidity: humidity 5 to 90%	
		And Photometric Cut Off Criteria: Volume, end point or mV/pH Methods: Acid-Base; Non Aqueous Redox; Precipitation; Complexometric & Back Titration Results: Molarity, % w/w, % v/v, mg/l, g/l, Meq/l, mol/kg, Total Acid Number & Total Base Number for oil samples	
		Sensors Calibration: 3 point calibration with user entered buffer values and standardization with pH 7 buffer End point detection: Potentiometric, Volta metric, Thermometric	
		Display: Back lighted liquid crystal display Titration head: manual stand with swivelling arm Stirrer system: micro controller based variable speed, high Torque vortex stirrer with digital indication of rpm & optional magnetic stirrer Sensors: Electrodes For Potentiometric Titration Temperature	The state of the s
		Accuracy: ± 0.1 mV Burette Resolution: 1/10000 for 5 ml 1/5000 for 10 ml 1/5000 for 25 ml Filling Time: < 20 seconds Key board: Alphanumeric splash water proof polyester soft keys	Quanty Eab
0.	Auto Titrator	Principle: Volumetric determination by equivalence point Control: Micro controller based mV Range: ± 3200 mV	STL / FQCL PTL / BIO Quality Lab



32.	Seed	Temperatura ranga: 500 a to 45 00 a	Logic
72.	Germinator	Temperature range: 5® c to 45 ®c	STL
İ	Germinator	Temp. fluctuation: ±0.5® c	
		Temp. Uniformity: ± 1®c	
		Temp. Precision: ± 0.1®c	
		No. of Chambers : Single	
		Temp. controlled : PID controlled	
		Relative Humidity Range: 10% RH to 95% RH	
		Humidity: Ultra sonic humidifier	
1		External construction: Powder coated 304 grade	
		Lightening: Fluorescent lamp	
		Doors : Solid and glass door with magnetic gasket	
		Insulation: PU Foam	
		Shelves: Painted steel wire	
		No. of Trays: 5 tray	
' i		Refrigerant : CFC-free refrigerant	
		Compressor : Any branded compressor	
		Timer: automatic	
		Alarm: Audio/Visual/Ararm for temp. and humidity devlation.	
İ		Display: LED/LCD display with back up	
-			
- 1		Remote Monitoring: Optional	
		Caster Wheels: Optional	
ĺ		Certification: CE&ISO	
		Power supply: 220 Volts	





Annexure\_B

# Specification of GLC Columns:

Specification for			Column Dimension	
column against Pesticide		Cm (L)	mm (ID)	
1	2	3	4	
АСЕРНАТЕ	Glass packed with 3 % OV - 22S on Gas Chrom Q (120 - 140) mesh, conditioned at 250 °C overnight	038.00	002.00	
Anilophos	Glass column, packed with 3 % SE – 30 on Chromosorb WHP (100 – 120 mesh)	100.00	004.00	
Allethrin Technical	Glass column, coated with 20 percent ( m/v ) solution of DCQF-1 in acetone.	030.00	002.50	
ALLETHRIN MOSQUITO MATS	Flame Ionization Defector (FID), Glass column, packed with 5 percent OV - 101 on Chromosorb WHP (80-100 mesh)	050.00	003.00	
ALACHLOR	Thermal Conductivity Detector (TCD) Column Stainless steel packed with 10 percent SE-30 on 80-100 mesh Diatoport-S.	180.00	003.00	
ALACHLOR	Flame Ionization Defector (FID), Glass packed with 5 percent SE-30 on 80-100 mesh Chromosorb WHP.	120.00	002.00	
CHLORPYRIFOS + CYPERMETHRIN EMULSIFIABLE CONCENTRATE	Glass Column, packed with 3 % OV- 101 on Gaschrome Q or chromosorb WHP (80 - 100 mesh)	100.00	2.00	
BIFENTHRIN	Stainless steel column, packed with 10 percent OV-101 on chromosorb WHP 80/100 mesh	200.00	003.00 [OD]	
Butachlor	Stainless steel Column, packed with 10 percent DC - 200 on chromosorb W-HP, 80·100 mesh	200.00	003.00	
Bitertanol	Glass Column, packed with 10 percent OV 17 on Chromosorb WHP (100 - 120 mesh)	180.00	002.00	
Hexaconazole	Stainless Steel Column, packed with 5 percent OV- 101 on chromosorb WHP (80- 100 mesh).	100	2.0	
Chlorpyrifos	Glass, 3 percent OV-101 on gaschrome Q or chromosorb WHP (80-100 mesh)	100.00	002.00	
Chlorpyrifod & Cypermethrin	Glass Column, packed with 3°AOV-101 on gaschrome Q or chromosorb WHP (80-100 mesh)	100.00	002.00	
CHLOROTHALO NIL	Glass Column, packed with 5 percent OV - 225 on chromosorb WHP (80 - 100 mesh)	183.00	003.00	
Cyfluthrin	Glass Column, packed with 2 percent OV - 101 on chromosorb WHP (100 - 120 mesh)	183.00	003.00	

Cypermethrin	Stainless steel Column packed with 3 percent Dexil 300 on chromosorb. W-HP, 100 – 120	075.00	003.00
	mesh.	200.00	003.00
Chlorfenvinphos	5 % OV – 225, Chromosorb W, HP ( 80 to 100 mesh ) (Mass Ratio Stationary phase/support I/19 & Packing density	200.00	003.00
Diazinon* [TCD]	0.37g/ml Glass Column, packed with 5 % SE – 30 on 60 – 80 mesh chromasorbW, AW or DMCS	120.00	006.30 [OD]
Ethyl Ester of 2,4 -	3 % OV - 17	200.00	006.00
Edifenphos	Glass column, packed with 2 % OV – 101 on Gaschrome Q, 100 – 120 mesh	180.00	004.00 [OD]
Fenvalerate	Stainless Steel column, packed with 5 % OV – 101, Solid Support Chromosorb W, HP (80 to 100 mesh)	050.00	003.00
Fluchloralin [TCD]	consisting of 2'0 m stainless steel (designation 04Cr14NilO) tubing, of 2.17 mm internal diameter packed with 5 percent silicon XE 60 deposited on chromosorb G-AW-DMCS, 60-80 micron.5 % SE - 60	200.00	002.00
Fluvalinate	Glass column packed with 3 percent 0V-IO1 chromosorb, W-AW-DMCS (80-100 mesh)	050.00	002.00
lpro benfos IBP / Kitazin	Glass Column, packed with 5 % OV – 1 on Gas Chrom Q (60 – 80 mesh)	360.00	002.00
Metalaxyl	Glass Column, packed with 10 % OV 101 on Gaschrom Q (80-100 mesh)	180.00	002.00
Metribuzin	Glass Column, packed with 10 percent OV – 17 Chromosorb WHP (100 - 120 mesh)	183.00	003.00
Pendimethalin	Borosilicate Glass Column, packed with 3 % OV – 225 on gas chrom Q, 100 – 120 mesh	130.00	006.00 OD & 3.0 mm ID
Phenthoate	Glass/stainless steel packed with 3 percent SE·30 on chromosorb W.HP, 100-120 mesh.	180.00	003.00
Phosalone [TCD]	stainless steel consisting of 400 mm, (designation 04Cr14NilO) tubing of 6.35 mm outer diameter, packed with 10 percent GE-SE-30 on 125 to 250 micro Embacel DMCS treated.	040.00	006.35
Pirimiphos-methyl	Glass, 2 m long and 6 mm 0.D packed with 10 percent SE 30 on acid washed celite 345 (100-120 mesh). Condition the column by purging with nitrogen at 300°C overnight. After conditioning, pretreat the column with 3 injections each of 10 µl of Silyl 8 at one minute intervals to avoid tailing of the peaks and to obtain better efficiency.	200.00	006.00 [OD]
Propanil [TCD]	Column - consisting of 1.828 m stainless steel (designation04Cr14NilO) tubing, of 3.175 mm outer diameter and 2'362 mm internal diameter,	182.80	002.36



	packed with 3'6 g of 10 percent GE-SE-30 on 150-180 Micro Gas Chrom Q.		
Propiconazole	Glass /S.S, packed with 3 percent OV- 1or OV 101 on supelcoport, 80-100 mesh	180.00	002.00
Quinalphos	Glass 2 metres long and 3 mm i.d. packed with 3 percent OV-17 on 80 to 100 mesh gas chrom	200.00	003.00
Triadimefon	Glass, 1.8 m length and 2 mm ID packed with 10 percent OV 17 on Chromosorb WHP (100 - 120 mesh)	180.00	002.00
Tricyclazole Technical	Glass column, packed with 3 percent OV-17, Mesh 80 /100, CH-W/HP	200.00	2.5
CYPHENOTHRIN	DB-1 megabore column, Length = 30 m, 0.53 mm i.d. × 1.5 μm film thickness or equivalent	3000.00	0.53
BIFENTHRIN	Stainless steel, length = 2 m, OD = 3 mm, packed with 10 percent OV-101 on chromosorb WHP 80/100 mesh	200	3.00
Triallate [TCD]	Glass 1.2 m x 4 mm packed with 10 percent carbowax 20 M and 5 percent bentone 31 on 80 to 90 mesh Anakrom ABS	120.00	004.00

Date

Signature of the Tenderer

Place

Stamp

AL &

# Government of Jammu and Kashmir <u>Directorate of Agriculture Talab Tillo Jammu</u> <u>www.diragrijmu.nic.in</u>

#### **Tender Notice**

Sealed tenders affixed with revenue stamps worth Rs.5/- (Rs. Five only) are invited for and on behalf of Governor of J&K State from the reputed manufacturers/duly authorized dealers/Government undertakings and registered supplier for supply of laboratory items viz Laboratories Equipments/Instruments for fertilizer Quality Control Lab./Pesticide testing Labs./Soil testing labs. for Agriculture both at Jammu and Srinagar. The rates should be quoted F.O.R Talab-Tillo Jammu and F.O.R Lal-Mandi Srinagar (J&K) . The detailed specifications of laboratory materials to be supplied in reference to this NIT is Annexed herewith as annexure A and B, are given below ."

S.No	Annex.	Name of item	Earnest Money	Cost Tender
			(EMD)	documents
1	A and B	Instruments/Equipments	Rs.10000/-	Rs.500/-

Detailed copy of NIT indicating specifications and Terms and Conditions can be down loaded from our website www. diragrijmu.nic.in. upto 14/08/2015, the last date fixed for sale of tender documents. Required Tender fee of Rs.500/- in the shape of bank draft favouring Member Secretary, Director of Agriculture Jammu, Payable at Jammu accompanied in separate envelope with the tender will also be accepted in respect of downloaded tender. Tender documents can also be had from the Purchase Section of Directorate of Agriculture, Talab Tillo-Jammu, against said cash payment. Tenders without payment of tender cost shall be summarily rejected. The tenders should reach the office of the undersigned on or before 17/08/2015 by 02.00 P.M.

Accounts Officer
(Member Secy. S.L.P.C.)
Directorate of Agriculture
Jammu

No: Acctts/PS /NIT/2015-16 / 384-408

Dated: 27/07/2015

Copy to the:

1. Director of Agriculture Jammu (Chairman SLPC)

2. Director Finance, Agriculture Production Department.

3 Director Agriculture Srinagar

5.. Director of Industries and Commerce Jammu

for information and n/action please