

**ENVIRONMENT PROTECTION TRAINING & RESEARCH
INSTITUTE (EPTRI) 91/4, Gachibowli, Hyderabad- 500 032 (AP)
Phone No. 23001241/42**

Tender Notification No.EPTRI/LAB/EQUIP/TENDER No.3 Dt: 19.01.2010

Tenders for supply of Laboratory equipment for Biotechnology and Analytical Laboratories & UPS; Construction/fabrication of Plant Tissue Culture Laboratory and Remodeling of Analytical Laboratory	
Officers are to be contacted for further details	
Dr. Siva Kumar Swaminathan, Senior Scientist Cell: 9392495175 / 040 23001903	EQUIPMENT & CONSTRUCTION/FABRICATION OF PLANT TISSUE CULTURE LABORATORY
Dr. J.Sesha Srinivas, Senior Scientist Cell: 9346675891 / 040 23005629	RENOVATION OF ANALYTICAL LABORATORY AND FINE DUST SAMPLER
Last date for submission of Tender Schedules	05.02.2010 up to 4.00 PM
Date opening the Tender Schedules	06.02.2010 at 11.30 AM
Place at which Tender Schedules can be obtained.	Environment Protection Training & Research Institute (EPTRI) 91/4, Gachibowli, Hyderabad- 500 032 (AP) Phone No. 23001241/42 Fax: 040 – 23000361
Cost of submission of Tender and Mode of Payment	Each tender submission Rs. 500/- (Non- Refundable) to be paid in cash or through cheque / Demand Draft taken from any scheduled Bank in favour of EPTRI, Hyderabad

**Tender Schedule can be down loaded from our website:
www.eptri.com/tenders**

Director General

INVITATION FOR TENDERS FOR SUPPLY OF LAB INSTRUMENTS/ EQUIPMENT

Issued to:

Sub: Invitation for tenders for supply of Instruments/Equipment to EPTRI.

- I 1) Sealed tenders are invited from the manufacturers/authorized agents of the manufacturers for supply, installation, commissioning and trial operations of the following instruments/equipment at EPTRI, Hyderabad. The installation of the equipment should include imparting of training to the personnel of EPTRI in operation and maintenance of the instruments/equipment.

The details of the instruments/equipment required by EPTRI are as follows:

Item No.	Code No.	Name of the Item
I.	1.	Construction/fabrication of Plant Tissue Culture Laboratory
II.		Name of the Instrument
	1.	Horizontal Laminar airflow
	2.	Electronic Balance
	3.	Glass Bead Sterilizer
	4.	pH meter
	5.	Micropipettes
	6.	Autoclave
	7.	Hot Plate Magnetic stirrer
	8.	Gel electrophoresis unit
	9.	Pipette Gun/Pipette mate/"Easypet"/equivalent
	10.	Stereo Microscope
	11.	Trolley
	12.	Hygrothermometer
	13.	Tissue culture tray
III.	1.	UPS system
IV.	1.	PM 2.5 μ and PM 10 μ Ambient Fine Dust Sampler
V	1.	Renovation of Work benches in Analytical Laboratory

2) The required Technical specifications of instrument/equipment are enclosed as Item No's: I & II.

II. Terms & conditions:

1. The tender/s shall be submitted separately for each item clearly superscribing on the envelope the name of the instruments /equipment. The tender/s shall be submitted in Annexure II A (Technical specifications) and II B (price bid) in separate sealed covers duly superscribing on the covers as '**Technical Specifications**' or '**Price Bid**' as the case may be. Both these covers are to be sealed individually and put in another cover and sealed and submitted.
2. The tender/s will be received up to 4.00 P.M. on all working days upto 05.02.2010 at EPTRI. Tenders will be opened at 11.30 A.M. on 06.02.2010 at EPTRI, Gachibowli, Hyderabad in the presence of the tenderers or their authorized representatives.
3. The tenderer must be either sole manufacturer of the instruments /equipment or the authorized agent/representative of the manufacturer. In the case of agent/representative, certified copy of

the agency/authorization issued by the manufacturer should be enclosed with the tender.

4. The equipment should have USEPA/International/National validation certificates, where ever applicable
5. Specifications for each instrument/ equipment supplied should be detailed in the tender in annexure II A.
6. Supply of part of the order will not be accepted.
7. The tender (Annexure II B) should include apart from the price of the instruments/equipment –
 - a) Warranty period details (extended warranty period should be shown separately).
 - b) The cost of recommended essential spares.
 - c) List and cost of consumables/standards etc., required from time to time with all necessary details.
 - d) AMC after warranty period (to be shown separately).
8. The rates/price should be quoted in the currency of the country where the instruments/equipment is manufactured and equivalent Indian Currency.
9. Delivery should be at EPTRI, Gachiblowli, Hyderabad. The price shall be inclusive of all taxes, transportation cost up to EPTRI and cost towards installation/commissioning, trial operation, comprehensive training and also clearance charges. Necessary documents for clearing the consignment through customs authorities will be provided by EPTRI. The price, however, shall be exclusive of customs and central excise duty since EPTRI is granted permission by the concerned Govt. of India authorities for payment of concessional customs and central excise duty. Therefore, EPTRI will pay the customs and central excise duty. Once again, it is repeated that the clearance charges, however, shall be borne by the tenderer.
10. The successful tenderer should supply the instruments/equipment within a period of 3-4 weeks from the date of purchase order by EPTRI.
11. The cost of the tender schedule for each item is Rs. 500/- (Non-refundable) and it shall be paid in cash or through cheque / DD drawn in favour of EPTRI, Hyderabad. In case the tender documents are down loaded from the website, the cost shall be paid at the time of submission of the tender in cash or through cheque / DD. Separate tenders should be submitted for each of the items I, II, III, IV & V.

12. The tenderer shall furnish EMD at 2% of quoted price along with tender in the shape of DD/banker's cheque taken from any scheduled bank in favour of EPTRI payable at Hyderabad. Failure to comply with this condition will result in summary rejection of the tender/s.
13. The EMD of the successful tenderer will be refunded one month after completion of the supply and installation of the equipment to the satisfaction of EPTRI.
14. The successful tenderer must pay 10% of the cost of the item as performance guarantee as per the below table.

Item No.	Code No.	Name of the Items	DURATION OF PERFORMANCE GUARANTEE
I.	1.	Construction/fabrication of Plant Tissue Culture Laboratory	3 Years
II.		Name of the Instrument	
	1.	Horizontal Laminar airflow	1 Year
	2.	Electronic Balance	1 Year
	3.	Glass Bead Sterilizer	1 Year
	4.	pH meter	1 Year
	5.	Micropipettes	1 Year
	6.	Autoclave	1 Year
	7.	Hot Plate Magnetic stirrer	1 Year
	8.	Gel electrophoresis unit	1 Year
	9.	Pipette Gun/Pipette mate/"Easypet"/equivalent	1 Year
	10.	Stereo Microscope	1 Year
	11.	Trolley	6 Months
	12.	Hygrothermometer	6 Months
	13.	Tissue culture tray	6 Months
III.	1.	UPS system	3 Years
IV.	1.	PM 2.5 μ and PM 10 μ Ambient Fine Dust Sampler	1 Year
V	1.	Renovation of Work benches in Analytical Laboratory	1 Year

15. The EMD of the unsuccessful tenderers will be returned to the concerned immediately after finalization of the tenders.
16. Documents such as instrument operation, calibration, maintenance, drawing, descriptive literature etc., if any, along with original instruction and data analysis manual should be supplied by the successful tenderer with the equipment.

17. Software upgrades provided free of cost during and after warranty – where applicable.
18. Instruments/equipment should be unpacked in the presence of the scientists of EPTRI. The consignment will be accepted only after the inspection by the technical staff of EPTRI.
19. A guarantee certificate against all the manufacturing defects covering for a period of minimum one year from the date of supply shall be given at the time of supply of the equipment. Any additional period towards guarantee will be given weightage in evaluation of the bids.
20. Inspection certificates of the instruments/ equipment inspected by the qualified engineer of the manufacturer and packed in accordance with the terms and conditions of this order must be enclosed.
21. During the guarantee period or later whenever the firm is called upon to attend to the rectification of the defects/faults in the consignments, the firm shall attend to the repair work within a period of a week. They should render timely back up service whenever called upon. A certificate to the effect should be attached to the tender.
22. A certificate to the effect that instruments/equipment supplied is fully operational and no additional accessory or space is required to make the instruments/equipment run should be issued along with the delivery challans/invoice. EPTRI reserves the right to refuse payment in the event of not furnishing this certificate at the time of supply.
23. The tenderer shall submit the latest Income Tax Clearance Certificate.
24. EPTRI reserves the right to accept/reject any tender without assigning any reason thereof. The tenders are liable to be rejected if –
 - a. specifications are not matching
 - b. the satisfactory working certificates from recent/past (preferably local) users are not enclosed
25. Once the rate is approved by EPTRI and supply order is placed on the successful tenderer and in the event of failure on the part of the tenderer for supply of the equipment/instrument on any account, EPTRI reserves the right to forfeit the EMD. Further, EPTRI may procure such goods/items from open market and in the event of

EPTRI having to pay any higher price; such differential amount shall have to be borne by the tenderer.

26. The Director General, EPTRI reserves the right to accept/reject any/all the tenders at his discretion without assigning any reason thereof.
27. All disputes are subject to Hyderabad jurisdiction.

Director General

ANNEXURE – I

(Tender Notification No. EPTRI/LAB/EQUIP/TENDER No. 3/
Dt: 19.01.2010 of EPTRI, Hyderabad)

TECHNICAL SPECIFICATIONS FOR EQUIPMENT FOR BIOTECHNOLOGY LABORATORY/ ANALYTICAL LABORATORY

Note:

The specifications mentioned are basic and framed broadly.

All Prices must be post Installation and Demo at Analytical Lab / Biotechnology Lab, EPTRI, Hyderabad.

Manufacturers / Agents / Tenderers may quote separately for equipment that is GLP / GMP or Pharmacopoeia compliant and non-compliant.

Tenderers may quote separately for the equipment and the associated (1) Annual Maintenance Contract for 3 years. (2) Annual Maintenance Contract for 5years.

ITEM NO: I – TECHNICAL SPECIFICATIONS

Technical specifications for a Plant Tissue Culture lab construction, approx area of 600-650 sq.ft

1. Biotechnology grade partitioning work for an area of 600-650 sq.ft, providing various alternate conceptual designs and showing different plans with perspective views for a plant tissue culture for the lab set up (**please refer note no. 2 to the end of this item No: I**).
2. For an approx total area of 40 sq ft providing and fixing 19mm thickness granite, machine polished and rounded off corners for laboratory counter tops and shelves in the tissue culture facility. Colour options to be mentioned.
3. a) Standard electrical wiring & connections for lab equipment (as mentioned in Item No: I, II & III).
b) Adequate electrical fittings and systems should be provided and quality should meet the ISI standards.
c) Lab should be well equipped with proper lighting facility as per the required area including wiring and switches.
4. False ceiling (where applicable /optional).
5. Vinyl flooring (Royal House make with 1.50 mm thickness) in inoculation and growth room (quality of material used to be clearly specified). Cost of coving may be quoted separately.
6. Doors & windows of Aluminum provided along with lock system.
7. Culture room racks (3 – 5 nos.)
 - a) Height - 7', Length – 4', width – 18'' (approx).

- b) Working Shelves per rack – 5.
 - c) Shelves to be illuminated each with min 3 tube lights.
 - d) Shelf base 2 mm \pm 8 % thick Hylem sheet white in color.
 - e) A terminal block to connect racks to 220 volts AC.
 - f) Output of each rack should be connected directly to the photoperiodic timer.
 - g) Mobile racks preferably with lock.
 - h) Frame mild steel 2.5cm x 2.5 cm white in color.
 - i) Photostimulator, luminous flux 1350-5400 lumens.
 - j) Lamps should be controlled by individual ON / OFF switch besides one main switch.
8. Air curtain (1 no.)
- a) Heavy duty
 - b) Low vibration effect
 - c) Door size : 7.5 X 4.5 ft (approx.)
9. Room air conditioning system must be as per the following specification:
- a) Biotechnology-grade air conditioners for continuous use along with stabilizers (brand name and star rating should be specified).
 - b) 4 Split type of 1.5 TR capacity each should be provided to achieve temperature of $28^{\circ}\text{C} \pm 4^{\circ}\text{C}$ in inoculation room and $22^{\circ}\text{C} \pm 4^{\circ}\text{C}$ in growth room(s) (room size as per the partitions provided)
 - c) A facility to switch between ACs to maintain the desired temperature range of 22°C to 28°C and humidity range of 60 % to 85 % RH (wherever applicable).

Proof of effective insulation planning must be produced.

10. Photoperiodic controller (2 nos.)
- a) Indicators for ON/OFF option.
 - b) Multiprogramming function.
 - c) With battery backup.
 - d) Can sustain load of multiple tissue culture racks.
 - e) Master control switch.
11. Temperature control systems (2 nos.)
- a) Capable of maintaining the desired room temperature at an accuracy of $+ 1^{\circ}\text{C}$.
 - b) Provision to alternatively run the two air conditioners provided in the room to maintain the temperature.
 - c) Provision for placing the sensory units away from the AC units.
 - d) Suitable Temperature Indication and control.
12. Air Exchange Units (optional)
- a) Fitted with HEPA filter.
 - b) 99.99% efficient.
 - c) For an area of 400- 500 sq.ft
- Air quality maintenance for class 10,000 systems must be provided for inoculation and growth room as per tenderers/manufacturers plan.
13. Shade Net House (1 no.)

1. For an approx area of 500-550 sq. ft
2. 50% green agro shed net supported by Aluminium / GI pipes.
3. Height from Ground: 8-10 ft'.
4. Facility for ventilation to control excess of RH during monsoon.

NOTE 1:

- a) The establishment of tissue culture facility should be done on a turnkey basis.
- b) The tenderers will have to quote for the whole of Item No: I. Partial quotes will not be considered. Quantity, make, model and technical specifications should be mentioned clearly for each component of Item No: I.
- c) Tenderers have to state the cost of the 'optional' components, that being the amount to be reduced in the total quote if EPTRI chooses not to procure the 'optional' components.
- d) Rates have to be stated inclusive of taxes applicable and charges for onsite installation.
- e) The tenderer has to quote the cost of a 3 year warranty plus AMC and a 5 year warranty plus AMC, separately.

NOTE 2: For an appointment to visit the lab space at EPTRI, contact Dr. S. K. Swaminathan at No: 040-23001903.

ITEM NO: II – TECHNICAL SPECIFICATIONS

1. Horizontal Laminar airflow (2 nos.)

1. UV lamp.
2. Support stand with wheels.
3. Horizontal flow, SS working bench.
4. Area specifications i) 4' x 2' x 2' and ii) 6' x 2' x 2'.
5. Class 100 conditions.
6. Average air velocity should be 100 fpm.
7. High particle retention of 0.3 micron.
8. Supplied with manometer, electrical controls, gas port.
9. Socket switch combo for Glass bead sterilizer connection.
10. Supplied with working manuals and calibration certificates.

2. Electronic Balance (1 no.)

1. Capacity / Range : 1000g \pm 500
2. Readability: 0.01g or 0.001(preferable)
3. Stainless steel platform
4. Sealed load cell (from Moisture, dust)

3. Glass Bead Sterilizer (2 nos.)

1. Preset Temperature Range- 230°C-250°C
2. Initial Stabilization Time : 30 Minutes – 45 min
3. Temperature display
4. Stainless Steel body

5. Packet of glass beads (preferable)

4. pH meter (1 no.)

1. Ph measuring range : 0.00- 14.00
2. Temperature: 0- 100°C
3. Digital display
4. Resolution: 0.1 pH
5. Calibration: Up to 3 points
6. Instrument cover.

5. Micropipettes (1 each)

- 1-20 µl capacity
 - 20-200 µl capacity
 - 100-1000 µl capacity
1. Fully autoclavable.
 2. Easy maintenance calibration routines.
 3. Fine adjustment provision.

6. Autoclave (1 no.)

1. Vertical.
2. Pressure 15-30 psi.
3. Operating Temp range of :105⁰C – 126⁰C
4. Low water level indicator system
5. Double walled stainless steel
6. Capacity Range :150 – 170 liters
7. Supplied with basket.
8. Safety valve, steam release valve.

7. Hot Plate Magnetic stirrer (1 no.)

1. Better low speed stirring provision.
2. Speed range rpm: 100 to 1500 rpm or more.
3. Adjustable stirring separate knobs for speed and heating.
4. Stirring capacity approx 2000 ml.

8. Gel electrophoresis unit (1 no.)

1. Maxi: Horizontal.
2. Range: between 10 and 200 samples.
3. UV transparent tray.
4. Suitable Combs (multichannel compatible) and spacers.
5. Gel casting apparatus.
6. Electrical Safety Certification.
7. Buffer Circulation ports.
8. Gel scoop (big).

Accessories:

1. Fluorescent ruler (preferably integrated with the Gel apparatus)

9. Pipette Gun/Pipette mate/"Easypet"/equivalent (1 no.)

1. High /Low speed selection
2. Comfortable smooth and lightweight
3. Autoclavable pipette adapters and filter holders
4. Power supply and charger or cordless.

10. Stereo Microscope (1 no.)

1. Binocular head with locked-in eyepiece.
2. Achromatic lens.
3. Eyepiece 10X.
4. In built objective 1X.
5. With light source.
6. Working distance 100 ± 20 mm.

11. Trolley (2 nos.)

1. Easily movable, provided with wheels and clock.
2. Two tier or more.
3. Size: 2.5ft X 2 ft X 3ft (appx).
4. Stainless steel.
5. Quality specifications to be clearly mentioned by the manufacturer/tenderer.

12. Hygrothermometer (1 no.)

1. Selection of unit °C, °F for temperature and % for humidity.
2. High or Low ranges humidity with display
3. Humidity Range :0-100% at temperature ranging between 0-59.9°C

13. Tissue culture tray (5 nos.)

1. Liquid and chemical resistant.
2. Polypropylene made.
3. Autoclavable.
4. Size: 16"x16"x4".
5. Trays provided with lifting collar.
6. Perforated.

NOTE 1:

- a) Itemised quotes for every instrument in Item - II must be provided separately.
- b) Tenderers may, if they so wish, bid for 'packages', consisting of groups of equipment , forming part of Item No: II.
- c) Rates have to be stated inclusive of taxes applicable and charges for onsite installation.
- d) The tenderer has to quote the cost of a 3 year warranty plus AMC and a 5 year warranty plus AMC, separately.

ITEM NO: III – TECHNICAL SPECIFICATIONS

1. UPS system (1 no.)

1. 15KVA UPS System
2. 3ph input / 1ph output

3. LCD display
4. Automatic bypass static switch
5. At least 2hrs. SMF Battery backup (maintenance free) along with MS Rack & interconnecting cables.
6. Low Power Consumption.
7. Cut off for over/under voltage in output/input.
8. Indicators: Mains present, output overload, low battery, battery charging & discharging. Beep Sound to alert mains off.

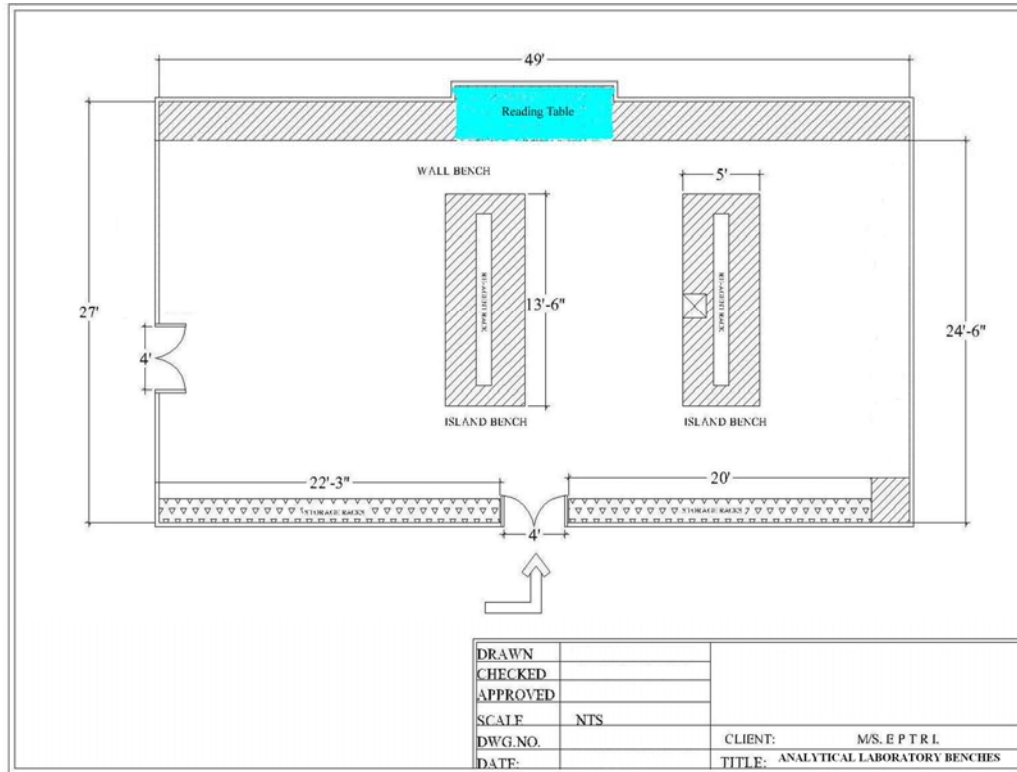
ITEM NO: IV – TECHNICAL SPECIFICATIONS

Sl. No.	Item	Description
1.	<p>PM 2.5μ and 10 μ PM Ambient Fine Dust Sampler, along with following specifications</p> <p>PM10 Size Separator</p> <p>PM 2.5 Size Separator</p> <p>Filter Media :</p> <p>Electronic Unit :</p> <p>Flow Rate Meter & Volume Totaliser</p> <p>Flow Control System</p> <p>Clock /Timer System</p>	<p>: EPA Omni- directional ambient particle inlet with 10μ separation assembly & sample transport tube</p> <p>: EPA PM 2.5 WINS Impactor</p> <p>: Any 47 mm Filter in a filter Cassette housed in Filter Holder assembly</p> <p>: Flow in LPM on digital display with a Resolution of Totaliser 0.01LPM under actual operating conditions. Range 16.7-LPM \pm 10% Accuracy \pm2% of reading. Volume Totalised every 5 seconds from above Flow rate & available on display.</p> <p>: Electronic sample air flow rate control system based on Flow Control Proportioning valve to operate over a pressure drop of clean filter + 60 mm Hg. Flow regulation better than \pm 3% over 24- hour period at a rate of 16.7 LPM.</p> <p>: Programmable Real Time control system with automatic start & stop &</p>

	<p>Temperature Sensors :</p> <p>Barometric Pressure Sensor</p> <p>RS-232 Serial Output</p> <p>Vacuum Pump</p> <p>Power</p> <p>Height of Sampling Inlet</p>	<p>digital display of date & time & time of sampling. Accuracy \pm 2 min /month.</p> <p>: For Ambient temperature & Filter temperature Range 5⁰C to 50⁰C with a Resolution of 0.1⁰C.</p> <p>: Range 600 to 800 mm Hg. Resolution 1 mm Hg.</p> <p>: For downloading to data storage Module.</p> <p>: A diaphragm type pump with AC motor.</p> <p>: 230 VAC \pm 10%, 50 Hz.</p> <p>: 2 Meter above ground with stand.</p>
2	Gaseous sampling attachment for the sampler	
3	SPARES FOR PM 2.5	
a	Whatman make Teflon (PTFE) Membrane Filter Paper of 47 mm dia., Pore Size 2. μ with PMP Support ring (1 pkt. x 50nos.)	
b	Glass Fibre Filter, 37 mm dia., (1 pkt. x 100nos.)	
c	Filter Carrier with Cover	
d	Silicone Oil for wins impactor (100ml. Bottle)	
4	OPTIONAL	
a	Attachment for Measurement of TSPM	
b	Data Transfer Module with PC software transfer of data from Control Module to PC for further processing	
c	Whatman GF/ A Filter Paper, 47 mm dia. 0.8 μ for sampling of PM 10 (1 pkt. X 100nos.)	

ITEM NO: V – TECHNICAL SPECIFICATIONS

LABORATORY LAYOUT



I. MODULAR ISLAND BENCH

DIMENSION	(13.6 L X 5 B X 3 H) FEET.
M. O. C.	EPOXY POWDERCOATED CRCA MODULES.
EXTERNAL FINISH	POWDER COATED.
INTERNAL FINISH	POWDER COATED.
WORKING SURFACE	19 MM THICK POLISHED GRANITE WITH MOULDED EDGES (EXISTING) .
BOTTOM ARRANGEMENTS	6 Nos. MODULE, EACH OF 750 MM. LENGTH WITH 2 SHUTTERS, AND ONE INTERNAL SHELVE & 1 No. GODREJ LOCK
ELECTRICAL POINTS	5 / 15 A - 8 Nos. ON PANEL BOX IN BLUE COLOUR, FLEXIBLE FITTING AS PER REQUIREMENT POSITION
COLOUR	STANDARD COLOUR

II. MODULAR WORKING BENCH

DIMENSION	(38.8 L X 5 B X 3 H) FEET.
M. O. C.	EPOXY POWDERCOATED CRCA MODULES.
EXTERNAL FINISH	POWDER COATED.
INTERNAL FINISH	POWDER COATED.
WORKING SURFACE	19 MM THICK POLISHED GRANITE WITH MOULDED EDGES(EXISTING) .
BOTTOM ARRANGEMENTS	18 Nos. MODULE, EACH OF 750 MM. LENGTH WITH 2 SHUTTERS, AND ONE INTERNAL SHELVE & 1 No. GODREJ LOCK
ELECTRICAL POINTS	5 / 15 A - 24 Nos. ON PANEL BOX IN BLUE COLOUR, FLEXIBLE FITTING AS PER REQUIREMENT POSITION
COLOUR	STANDARD COLOUR

III. MODULAR WALL BENCH

DIMENSION	(10.4L X 2.5 B X 2.5 H) FEET.
M. O. C.	EPOXY POWDERCOATED CRCA MODULES.
EXTERNAL FINISH	EPOXY COATED.
INTERNAL FINISH	EPOXY COATED.
BOTTOM ARRANGEMENTS	4 Nos. MODULE, EACH OF 2 FEET LENGTH WITH 2 SHUTTERS, 1 DRAWER AND ONE INTERNAL SHELVE.
ELECTRICAL POINTS	5 / 15 A SOCKETS ON BENCH TOP - 6 Nos. ON PANEL BOX IN BLUE COLOUR, FLEXIBLE FITTING AS PER REQUIREMENT POSITION
WORKING SURFACE	19 MM THICK POLISHED GRANITE WITH MOULDED EDGES (EXISTING) .
COLOUR	STANDARD COLOUR

IV. MODULAR WALL MOUNTED STORAGE UNIT

DIMENSION	(22' L X 18" B X 7' H) FEET
M. O. C.	EPOXY POWDERCOATED CRCA.
EXTERNAL FINISH	EPOXY POWDER COATED.
INTERNAL FINISH	EPOXY POWDER COATED.
DOORS	OPAQUE TYPE
COLOUR	STANDARD COLOUR

V. MODULAR WALL MOUNTED STORAGE UNIT

DIMENSION	(22 ' L X 18" B X 4 ' H) FEET
M. O. C.	EPOXY POWDERCOATED CRCA.
EXTERNAL FINISH	EPOXY POWDER COATED.
INTERNAL FINISH	EPOXY POWDER COATED.
DOORS	OPAQUE TYPE
COLOUR	STANDARD COLOUR

Note: For appointment to visit the laboratory, call Dr. J. S. Srinivas at No:040-23005629

TECHNICAL SPECIFICATIONS FOR EQUIPMENTS

Annexure II- A

(Tender Notification No. EPTRI/LAB/EQUIP/TENDER No. 3 Dt: 15.01.2010
of EPTRI, Hyderabad)

(To be filled by the Tenderer)

TECHNICAL SPECIFICATIONS

Name of Laboratory: ANALYTICAL / BIOTECHNOLOGY
(tick the appropriate laboratory)

Name of the Instrument/Equipment: _____

1. Name and full address of tenderer including telegraphic address/telex No. & Fax No.
2. Name and Designation of the Head of the Firm/Manufacturer with telephone No.
3. In case the Head office of the tenderer is located outside Hyderabad , contact address/Authorized Distributors or Agents address in Hyderabad, if any.
4. Name, Designation, address Telephone Number of the authorized person who may be contacted during the process of the purchase concerned under this document (applicable to all the tenderers)
5. a) Are the equipment's specifications matching with required specifications as in the tender document. Yes/No
b) If No, please give the deviations from specification given in the tender document.
6. Detailed technical specifications offered by tenderer along with all technical notes, catalogues, satisfactory certificates and others as enclosures (mention all details of Base Unit, recommended spares and the optional/ recommended accessories for the tendered items(s) (If necessary, a separate sheet may be enclosed)
7. Make-country of origin
8. Validity period of the tender

9. Delivery schedule

10. Are the tender conditions accepted in full,
if 'no' details of deviation (if necessary,
a separate sheet may be enclosed)

Yes/No

11. EMD Details (DD No., Date and Bank)

Place

Date

With Stamp

Legally binding Signature

Annexure II- B

(Tender Notification No. EPTRI/LAB/EQUIP/TENDER No.3 Dt: 15.01.2010 of
EPTRI, Hyderabad)
(To be filled by the tenderer)

PRICE BID

1. Basic Unit cost.

Sl No	Name of the equipment/instrument	Specifications	Make	Rate	Quantity	Total Cost (inclusive of taxes, if any, and transportation-exclusive of customs duty)	
						In figures	In words

2. Essential spares for 2 years beyond warranty period.

Sl.No	Spares (Specify)	Make	Rate per Unit	Total Cost (inclusive of taxes, if any, and transportation-exclusive of customs duty)	
				In figures	In words

Signature

3. Consumables & Standards :

Sl.No.	<u>Consumables & Standards</u> (Specify)	Make	Rate per Unit	Total Cost (inclusive of taxes if any and transportation-exclusive of customs duty)	
				In figures	In words

--	--	--	--	--	--

4. AMC after warranty period:
(Price along with terms to be quoted)

- i) Manner of service
- ii) Periodicity of checking
- iii) Any other documents
- iv) Service with components/parts
- v) Service without components/parts

5. **Total cost (1+2+3+4)**

In figures:

In words:

I agree to the terms and conditions as mentioned in the tender schedule.

Signature of the tenderer

Name
Full address
Telephone No.
Cell No.
(Stamp)

Date:

Note: Wherever the space is not sufficient, additional sheet may be used to furnish complete information and such additional sheets must be signed and stamped.