



DRDO-BU CENTER FOR LIFE SCIENCES
(A joint venture of Defence Research and Development
Organisation, Ministry of Defence and Bharathiar University)
BHARATHIAR UNIVERSITY CAMPUS
COIMBATORE – 641 046

Phone : 091-422-2428158 :: Fax : 091-422-2425459
E-Mail : drdobuclsbe@gmail.com



No.: DRDO-BU CLS/Phase II Project/Tender Notice-V/2017

Date: 17.3.2017

TENDER LAST DATE EXTENDED NOTIFICATION

Our previous Notification No.: DRDO-BU CLS/Phase II Project/Tender Notice-V/2017 dated 21.2.2017.

The Last date for submitting Tenders for the equipment **“Stereo Zoom Microscope with Fluorescent attachment (optional)”** is extended from 10.3.2017 to **27.3.2017 (3.00 pm)**.

DIRECTOR



DRDO-BU CENTER FOR LIFE SCIENCES
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No.: DRDO-BU CLS/Phase II Project/Tender Notice- V/2017/

Date: 27.2.2017

TENDER NOTICE - Amendment

In continuation of our Tender Notice No.: DRDO-BU CLS/Phase II Project/
Tender Notice- V/2017, dated 21.2.2017, the following Amendment was made in the
specifications of **15 KVA On-line UPS with Batteries (Item No.3)**

Particulars of Amendments :

Sl. No	For	Read As
1	<u>15 KVA On-line UPS :</u> 3 Phase Input 1 Phase Output	<u>15 KVA On-line UPS :</u> 3 Phase Input 1 Phase Output With Transformer Model and Power Factor Control Charging (PFC) With three hours Backup
4 (i)	High Frequency UPS	10 KVA High Frequency UPS

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No.: DRDO-BU CLS/Phase II Project/Tender Notice- V/2017/

Date: 21.2.2017

TENDER NOTICE

The Director, BU-DRDO Center for Life Sciences invites sealed tenders (**separate Price Bid and Technical Bid**) for Procurement of the following items from the manufactures/suppliers.

Sl. No	Name of the Equipment/Instrument	Qty. Req.
01	Fully Automatic Vertical Autoclave -Top Loading	02
02	Stereo Zoom Microscope with fluorescent attachment (optional)	01
03	15 KVA On-line UPS with Batteries	01

The tender documents are available in the website www.b-u.ac.in and www.drdo.b-u.ac.in and can be downloaded. The cost of the Tender documents and the EMD amount has to be enclosed in the form of Demand Draft drawn in favour of **“The Director, DRDO-BU CLS”** while submitting the tender.

LAST DATE FOR SUBMITTING THE TENDER : 10.3.2017

* The particulars of Tender application cost and EMD are appended in the website

DIRECTOR

DRDO-BU CLS : BHARATHIAR UNIVERSITY : COIMBATORE – 641 046

**TENDER CONDITIONS AND INSTRUCTIONS FOR THE SUPPLY OF
VARIOUS EQUIPMENTS**

1. Sealed tenders (**separate Price Bid and Technical Bid**) will be received by the Director, DRDO-BU CLS up to 3.00 p.m. on 10.3.2017 to the DRDO-BU CLS as given in the schedule.
2. The sealed Tender should be addressed to “The Director, DRDO-BU CLS, Bharathiar University Campus, Coimbatore – 641 046” and should be sent by Registered post or in person. The Tenders received in ordinary covers without seal will not be considered.
3. The tender shall be submitted in the sealed cover superscribed as “**Tender for the supply of various equipments**” (whichever is applicable).
4. The tenders will be opened by the Director, DRDO-BU CLS in the Director’s Chamber at 4.00 p.m. on 10.3.2017 in the presence of the tenderers who are present.
5. Each tender shall be accompanied with suitable Tender Fee & EMD in the form of DD drawn in favour of “Director, DRDO-BU CLS” payable at Coimbatore. Cheques and Bank Guarantees will not be accepted. EMD will not carry any interest.
6. Tenders received after the stipulated time will not be entertained and will be returned to the tenderer unopened.
7. The entries in the tender schedule shall be as far as possible without scoring, corrections and over writings and shall be legible. The unavoidable correction or scoring shall be attested by full signature of the tenderer. The tenderer should sign on each page of the tender document.
8. In the tender schedule the tenderer should quote his rates for each item separately in figures and words in the corresponding column.
9. If the rates quoted in the schedule differ in words and figures, the lowest quoted rate will be taken.
10. Taxes or any other charges if any shall be clearly mentioned with specification of the percentage. If not specifically mentioned, it will be taken that the rates quoted are net.
11. If the tenderers quotes the price in INR with taxes, should mention the valid local Sales Tax Registration/VAT Registration/CST Registration numbers along with the copy of the Registration Certificate.

12. The rate quoted shall be for delivery at DRDO-BU CLS Campus.
13. No revision of rates at any cost will be accepted.
14. Tender documents are not transferable.
15. Tenders shall be submitted only in this official form and the tenderers should sign on each page of the all tender documents and enclosed without any omission.
16. The tender shall be valid for a minimum period of 90 days from the date of opening. Tenderer should not withdraw his tender after the tenders are opened. In case of the tender is withdrawn after it opened, the EMD remitted will be forfeited.
17. The EMD of the unsuccessful tenderers will be refunded after the tenders are disposed by the competent authority.
18. Successful tenderer shall remit a Security Deposit as applicable and execute an agreement on Tamil Nadu Stamp paper to the value of Rs.100 / Rs.200 (Whichever is applicable). Failure to execute the agreement within the stipulated time will entail in forfeiture of the EMD. Security Deposit will be refunded after warranty period is over.
19. The materials should be supplied within stipulated period mentioned in the supply order. If it is not made within the period, the supply order will be cancelled and EMD forfeited.
20. Any dispute arising out of this contract shall be settled only on the court having jurisdiction of Coimbatore.
21. Tender shall be submitted subject to agreeing the above terms and conditions. Original tender documents should be enclosed otherwise it will be liable for rejection.
22. Please Quote the Price with specification and make of the items lest the quotation will not be validated.
23. The University is eligible for exemption of Central Excise Duty as per the Govt. Notification No.10/97 Central Excise Dt.01.03.1997. Hence the item price may be quoted separately (i.e.) Unit. Price & Taxes etc. only. The University will be given necessary exemption form for Central Excise. It is also eligible for customs duty exemption as per the Govt. Notification No.51/96 customs dt.23.07.1996.
24. The rate quoted should be mentioned as per the specification of the items otherwise the tender will not be considered.

25. The Original tender form should be submitted to this office along with the tender schedule.
26. The Terms & Conditions will be applicable on par with Bharathiar University Purchase rules and guidelines.
27. The Director, DRDO-BU CLS has the rights to decide the cancellation/ Modification or what so ever may be without any pre-intimation.

Cost of Tender document (to be filled by the tenderer)			
DD No.	Date	Amount	Bank

Details of EMD (to be filled by the tenderer)			
DD No.	Date	Amount	Bank

SIGNATURE OF THE TENDERER

Item No 1. Fully Automatic Vertical Autoclave -Top Loading – Qty 2 Nos.

Technical Specifications:

WorkingChamber Size (Ø x D)	:	350x550mm (14 x 22")
Capacity liters	:	50 to 60 Ltrs
Carrier (Ø x D)	:	1 of 300 x 500 mm
Operating parameters	:	103.4Kpa(15 psi)
Power	:	230 VAC, 50 Hz, Single Phase

- Should be MicroProcessor based Controller with time and temperature programmable by user.
- Should be CE Certified
- Should be as per ASTM Standards
- Inside and Outside chamber should be completely Stainless steel with Hydraulically die pressed lid
- Lid should be fitted with Pressure Gauge, Safety Valve, Manual Exhaust valve , Vacuum Breaker cum Purge valve and Quick release coupling
- There should be a backlit alphanumeric two line 32 characters LCD display that displays all information including process and set values at a glance, eliminating guesswork
- Operating and Display range should be up to 122°C in 0.1°C resolution.
- Sensor open alarm
- Pt100 sensor, enabling precise monitoring.
- Low water level alarm and cut off.
- End of cycle buzzer and auto reset
- Miniature circuit breaker for on/off plus safety
- Solenoid valve for automatic purging and Exhaust
- Should be supplied with Test Certificates & calibration reports along with traceabilities for Temperature Controller and Pressure Gauge.
- Industrial grade energy efficient ring type heater, custom made for Autoclaves, thus reducing power bills by 16 to 40%.
- Should have drain valve facility
- Should have moulded rubber gasket with stainless steel carrier with heater cover stand

Warranty :

Delivery :

SIGNATURE OF THE TENDERER

Item No 2. Stereo Zoom Microscope / with fluorescent attachment (optional) – Qty 1 No.

Specifications:

1. Dissection cum Stereo Zoom Microscope (for micro dissection of zebrafish embryos and larvae)
2. Trinocular head with an inclination of 45⁰ for greater ease of observation with camera port
3. Body can be rotated a full 360⁰ and locked in any position desired.
4. Eyepieces: 10x, 15x and 20x paired
5. Objectives: 0.5x - 5x
6. Total magnification: 4x - 70x (controlled zoom)
7. Ring mount diameter: 75 - 100mm
8. Video zoom: 11x - 250x with options
9. Microscope zooming ratio 8:1, highly sensitive focussing arrangement
10. Standard working distance 100mm, regardless of magnification
11. Interpupillary distance: 55 - 75 mm.
12. Numerical aperture: 0.5
13. Dual illumination: Transmitted and reflected light (LED lamp source). The system regulated with transformer has intensity control knob. On/Off switch to provide flexibility to use either both light or any of them.
14. Common accessories including, software with Laptop computer

Fluorescent attachment (Optional)

1. Fluorescence image over the complete zoom range
2. Minimum three filters in built and should be optional for upgradation

Camera Specification:

1. Quality CCD camera 3 Mega pixel with USB
2. Crisp erect images with high resolution.
3. Once brought in focus, images remain clear and sharp throughout the whole zoom range.

Warranty :

Delivery :

SIGNATURE OF THE TENDERER

Item No 3. 15 KVA On-line UPS - 1 No. with Batteries and Stand

S.No	Particulars	Quantity	Price(Rs.)
1	<u>15 KVA On-line UPS :</u> 3 Phase Input 1 Phase Output	1 No.	
2	100AH SMF Battery VRLA Model	30 Nos.	
3	Suitable Stand for 20 Batteries	1 No.	
4	<u>Buy back items :</u> (i) High frequency UPS (ii) 26AH VRLA Amaron Battery (iii) Exide 100AH Tubular Battery	1 No. 20 Nos. 10 Nos.	

Warranty :

Delivery :

SIGNATURE OF THE TENDERER

BHARATHIAR UNIVERSITY : COIMBATORE – 641 046

Details of Tender Cost as per G.O.Ms.No.538 PWD (G2)

Amount	Tender Cost	Total (Rs.)
50,000/-to 2,00,000/-	Rs.300/- +5% on Rs.300/- i.e.5% on Rs.300/=-15 so 300/-+15=315/-	315/-
2,00,000/-to 5,00,000/-	Rs.750/-+5% on Rs.750/-	788/-
5,00,000/-to 10,00,000/-	Rs.1500/-+5% on Rs.1500/-	1575/-
10,00,000/-to 25,00,000/-	Rs.6000/-+5% on Rs.6000/-	6300/-
25,00,000/-to 50,00,000/-	Rs.9000/-+5% on Rs.9000/-	9450/-
Above 50,00,000/-	Rs.15,000/-+5% on Rs.15,000/-	15750/-

EMD Details

Amount (Rs)	Percentage
Upto 5,00,000/-	2.5%
5,00,00,000/- to 10,00,000/-	2%
10,00,000/- to 20,00,000/-	1.5%
Above 20,00,000/-	1%

The amount of Tender cost and EMD should be paid in the Demand Draft in favour of 'The Director, DRDO-BU CLS' in any Nationalized Bank payable at Coimbatore

SECURITY DEPOSIT DETAILS

Amount (Rs.)	Percentage
Upto 5,00,000/-	5%
5,00,00,000/- to 10,00,000/-	5.5%
10,00,000/- to 20,00,000/-	6%
Above 20,00,000/-	6.5%

1. Security Deposit to be paid in the form of DD after receiving purchase order.
2. *The nonelected bidders need not pay Security Deposit.*