



**CENTRE FOR CELLULAR & MOLECULAR BIOLOGY**  
(COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH)  
Habsiguda, Uppal Road, Hyderabad – 500 007 (T.S.) India

**BID INVITATION**

**Ref. No.:0075/150518/1450/EQPT**

CSIR-CCMB is an internationally acclaimed research Centre of CSIR situated in Hyderabad.  
**Online** e-bids are invited on behalf of Director, CSIR-CCMB, Hyderabad (TRLANGANA) under **Single Bid System** from potential bidders through web portal: <https://etenders.gov.in> for the following item/s. If the item falls in your product range, you can participate in the tendering process **on line** by submitting your bid.

MATERIAL DESCRIPTION	QUANTITY
6 KVA 1Ph Input & 1Ph output UPS system with battery bank for backup. (As per Specification and requirement given in Annexure – I)	01 No.

Bids shall be submitted using this **online** web portal <https://etenders.gov.in> only and bids in hard copy by mail / hand shall not be considered. The **bids** will be opened online only.

CSIR-CCMB is eligible for payment of **GST @ 5 %** for procurement made for R&D purpose being a **public funded research Institution** registered with DSIR in terms of Govt. of India Notification **No.45/2017-Central Tax** on the subject, as amended from time to time. Required **certificate** to this effect will be provided on confirmation of delivery of ordered item.

Price must be quoted for delivery at CCMB. 'To Pay' freight terms not acceptable. Freight & Insurance charges if claimed separately must be clearly mentioned and supported by vouchers while invoicing and not written as 'at actuals'. If written 'at actuals', such quotations would be rejected.

(Sd/-)  
(Dharmendra Kumar)  
Stores & Purchase Officer

**CRITICAL DATE SHEET**

<b>Tender No.</b>	<b>0075/150518/1450/EQPT</b>
<b>Publishing Date</b>	<b>13.06.2018</b>
<b>Bid Submission Start Date</b>	<b>13.06.2018</b>
<b>Bid Submission End Date and Time</b>	<b>27.06.2018 up to 13.00 hrs.</b>
<b>Date and Time for Opening of Bids</b>	<b>28.06.2018 at 14.30 hrs.</b>

## Terms & Conditions

1. The validity of the offer should not be less than **90** days. Please mention your GST Registration No. in the offer.
2. The Director, CCMB reserves the right to cancel the Purchase Order without any financial repercussions on either side and without seeking the consent of the supplier at any stage of the purchase process.
3. Payment will be made by RTGS/NEFT/Account payee cheque only, after receipt of the stores in good condition. **Advance payment terms** will not be accepted. In case of foreign suppliers, payment will be done by WT/LC/FDD.
4. **Specifications** are basic essence of the product. It must be ensured that the offers are strictly as per our specifications. At the same time it must also be kept in mind that merely copying our specifications in their quotation shall not make firms eligible for consideration. A quotation has to be supported with the printed technical leaflet/literature (wherever applicable and available like in case of scientific items, misc. IT/Office products, readymade furniture) and the specifications mentioned in the quotation must be reflected/ supported by such printed technical leaflet/literature model quoted/tendered specifications should invariably be highlighted in the leaflet/literature for easy reference. In the event of any ambiguity/confusion on account of item specification/description, the offer will be **rejected** without giving the quoting firm any opportunity for clarification/negotiation. In case the quotation is submitted by Authorised Agent/Dealer, the same must be accompanied by **valid authorization letter from principals**. Accordingly technically unsuitable offers, offers not confirming to tender schedule or offers from defaulters etc. will also be rejected.
5. In case of **equipments/instruments** Original Equipment **Manufacturers**, their Authorised Distributors and Indian agents of Foreign Principals, if any, **should only** submit their **ONLINE e-bids** under **Single Bid System** through CPP Portal <https://etenders.gov.in>. Bids will not be accepted in any other form.
6. The Purchaser may, at its discretion waive any minor informality, non-conformity (technical or commercial), or irregularity in a bid, which does not constitute a material deviation, provided such a waiver, does not prejudice or affect the relative ranking of any Bidder.
7. Please ensure that quoted prices are minimum prices applicable for a premier research institution, leaving no scope for any further negotiations on prices and the price quoted is not more than the price offered to any other customer in India to whom this particular item has been sold, particularly to CSIR Labs/Institutes and other Government Organizations nor will they do so till the validity of offer or execution of the purchase order whichever is later. Copy of the latest price list for the quoted item, applicable in India, must be enclosed with your offer.
8. Enclose with your offer a certificate that the equipment is of latest technology and will not become obsolete soon and accessories & spare parts will be supplied as and when required. It may be confirmed that essential spare parts of this equipment are available for after sale service of the equipment. **Please also specify the time period required for installation of the equipment after its receipt at CCMB is notified to you.**
9. The bid must mention the prices of all items asked for individually and then summed up at last i.e. package deal for all items which are essential for the system as per our tender. Optional items asked for can be submitted separately in the bid.
10. Pre-installation requisites (electrical/floor/space/air-conditioning etc.) if any should invariably be mentioned clearly. Installation/ Training will be the full responsibility of the supplier.
11. If any short-shipment etc. is noticed, the same will be arranged immediately with all charges to this effect to be borne by supplier.
12. The goods should be insured against theft, loss or breakage during transit and insurance charges should not exceed 1% of the cost of material supplied, the rate of GST etc. (as applicable) should be clearly indicated. CSIR-CCMB is eligible for payment of **GST @ 5 %** for procurement made for R & D purpose being a **public funded research Institution** registered with DSIR in terms of Govt. of India Notification No. **45/2017 – Central Tax** on the subject, as amended from time to time. Required **certificate** to this effect will be provided when you confirm delivery of ordered item.
13. In case of supply order for the SCIENTIFIC EQUIPMENTS/ APPARATUS, the date of delivery should be strictly adhered to otherwise the Director, CCMB reserves the right not to accept delivery in part or full and claim liquidated damages of 1% per week subject to maximum of 10% of the total value of supply order.
14. **Printed conditions of the quotation shall not be binding on us.** Quotation must be clearly written or typed without any cutting or over-writing and signed. **Unsigned quotation will be rejected.**

15. All items should carry normal warranty period of at least one year from date of installation. Therefore Warranty/Guarantee period should be mentioned clearly in the offer. Please also quote tentative Annual Maintenance Charges (both AMC & CMC) as %age of value, if any, for next 5 years, after warranty/Guarantee period is over.
16. If the vendor has supplied identical or similar equipment to any Govt. Institutes/universities or other CSIR labs/institutes, the details of such supplies for the preceding three years shall be given together with the prices eventually or finally paid.
17. Provide the list of users in India, particularly CSIR Laboratories, along with their complete address including fax, e-mail etc. Also enclose performance certificate, if available.
18. Conditional tenders/discounts etc. shall not be accepted. Rates quoted ***without attached conditions*** (viz. Discounts having linkages to quantity, payment terms etc.) will only be considered for evaluation purpose. Thus conditional discounted rates linked to quantities and prompt/advance payment etc, will be ignored for determining *inter-se* position. The Director CCMB however reserves the right to use the discounted rate/rates considered workable and appropriate for counter offer to the successful tenderers.
19. The acceptance of the quotation/offer will rest with the Director, CCMB, who does not bind himself to accept the lowest quotation and reserves the right to himself to reject or partially accept any or all the quotations received, or to waive off any condition without assigning any reason .
20. TDS/TCS, if applicable, will be deducted as per applicable statutory norms prescribed by the Govt.
21. The Purchaser requires that bidders, suppliers, contractors and consultants, if any, observe the highest standard of ethics during the procurement and execution of such contracts
22. **Arbitration:** In case of Dispute or difference arising between the Purchaser and a domestic supplier relating to matter arising out of or connected with this agreement, such disputes or difference shall be settled in accordance with the Indian Arbitration & Conciliation Act, 1996, the rules there under and any statutory modifications or re-enactments thereof shall apply to the arbitration proceedings. The dispute shall be referred to the **Director General, Council of Scientific & Industrial Research (CSIR)**, New Delhi and if he is unable or unwilling to act, to the sole arbitration of some other person appointed by him willing to act as such Arbitrator. The award of the Arbitrator so appointed shall be final, conclusive and binding on all parties to the Contract.
23. Any dispute will be amenable to applicable Indian laws subject to jurisdiction at competent local court at **Hyderabad**, India only.
24. Bidders may please take a note of CCMB GST No: **36AAATC2716R3ZE**.

## ANNEXURE – I

### TECHNICAL SPECIFICATIONS & REQUIREMENT FOR 6 KVA 1PH INPUT & 1PH OUTPUT UPS SYSTEM WITH BATTERY BANK FOR BACKUP:

#### Specifications for 6 KVA UPS system

<b>A. Specifications:</b>		
S.No	Parameter	Requirement
	<b>General</b>	
1	Type	Online
2	Capacity	<b>6 KVA (output power at full load 5.4 KW or more)</b>
3	Overall efficiency	90% or more
4	Batteries	12V -42 AH Sealed Maintenance Free (VRLA) -16 Nos Make: Panasonic / Amara Raja / Rocket including battery stand, battery inter connecting cables with safety fuses located near battery bank.
5	Type of loads	<b>Inductive and Analytical instrument loads</b>
	<b>Input:</b>	
6	Rectifier Technology	PWM IGBT Based
7	Voltage	<b>230VAC (-15% to +10%), 1Phase</b>
8	Frequency	50HZ $\pm$ 10 %
9	Power factor	0.95 or better at full load
	<b>Output:</b>	
10	Inverter Technology	PWM IGBT Based
11	Voltage	<b>230 VAC, 1 phase, 3 wire, 50Hz</b>
12	Voltage regulation	$\pm$ 1%
13	Power factor (Load Capacity)	Any power factor up to 1
14	Transient response	5% for 100% load change
15	Recovery time	$\leq$ 20ms (within one cycle) for 100% load change
16	Wave shape	Pure sine wave
17	Distortion	$\leq$ 5% THD for linear/non-linear loads
18	Frequency	50HZ
19	Freq. Tolerance	0.05HZ free running
20	Synchronisation	Output should not be synchronised to input mains
21	Overload capacity	110% for 5 minutes; 125% for 1 minute
22	Isolation	<b>Built-in Isolation transformer for galvanic isolation of output</b>
<b>B</b>	<b>Features</b>	
23	Operating temperature	0 <sup>0</sup> C to 40 <sup>0</sup> C or more
24	Humidity	Up to 95% RH, Non condensing
25	Acoustic noise	< 65dB at 1 meter or better
26	EMI	As per international norms ( EN 50091, IEC 801 etc..)
27	Overall Protection	as per international norms (conforming classes to be specified)
28	By pass	(a) Manual bypass required (b) Static bypass to be disabled
29	Protections	System must have adequate in built safety features to protect itself as well as loads in the event of abnormal conditions including automatic input phase reversal / correction.

30	Metering	Adequate metering to measure all input and output parameters to be provided
31	Indications	Adequate indications with regard to operation and reason for failure to be provided
32	Remote Monitoring	Facility for monitoring of status on Ethernet local area network using SNMP connectivity
33	Scope of Work	(a) Supply, installation and commissioning of UPS systems along with batteries & battery racks. (b) All the hardware, software and cables required for the complete system to be supplied. (c) Input cabling up to and output cabling from the UPS system will be provided by CCMB. (d) The battery racks should be custom designed for single battery depth, multi column stacking so that they can be placed against the wall without hampering access to all the batteries.
34	Mandatory	<b>a) ISO Certification</b> <b>b) Three years Comprehensive onsite warranty including parts and labour on UPS.</b> <b>c) 2 year or more on battery bank.</b>
<p><b>Important Clauses:</b></p> <p>a) Actual specifications of the system offered should be provided in the supplied format, along with supporting documents. Mere statement of “<b>complied</b>”, “<b>accepted</b>” etc, <b>will not suffice. Unspecified parameter will be treated as non-compliant.</b></p> <p>b) Detailed literatures (all originals) with technical specifications and features of the UPS system and all the accessories to be enclosed with the offer.</p> <p>c) Detailed Instructions and service manuals with circuit diagrams, all engineering details, test point voltages &amp; troubleshooting information etc. for the entire system and accessories should be supplied with the system. Commitment to this clause to be made in the offer.</p> <p>d) The principals / local agents would be responsible for the installation, testing and commissioning of the UPS system and batteries which should be carried out immediately after receipt of the system.</p> <p>e) Spares support for the system should be available for a minimum period of 8 years. Commitment to be given in the offer.</p> <p>f) Pre-installation requirements for the system should be provided prior to supply.</p> <p>g) Local service support and response time for a service call during and after warranty to be specified.</p> <p>h) Cost offered should include pre-dispatch inspection of the system for verification of performance against specifications by our engineers to be arranged by the supplier All expenditures towards travel, boarding and lodging to be borne by the firm.</p> <p>i) All other clauses of payment details, validity of quotation, delivery schedule, shipment etc to be indicated clearly.</p>		