



सत्यमेव जयते

GOVERNMENT OF INDIA
DEPARTMENT OF ATOMIC ENERGY
BHABHA ATOMIC RESEARCH CENTRE
VISAKHAPATNAM



भारत परमाणु अनुसंधान केंद्र
BHABHA ATOMIC RESEARCH CENTRE

COMPUTATIONAL ANALYSIS DIVISION

Ref: CAD/MPSS/IND/22-23/01

Date: 04.Jan.2023

SUBJECT: Notice inviting tender for "Installation of batteries, interconnection of batteries, UPS and configuration of UPS for parallel operation & testing"(See Annexure-I).

1. **Scope of work:** See details in Annexure-I.

2. **General guidelines for submitting tender**

- You shall send your offer in a sealed envelope indicating delivery period, price inclusive of taxes and other relevant information by speed post to:

Head, Computational Analysis Division
Bhabha Atomic Research Centre
Village: Maduturu (Sub: P.O.)
Anuvihar Campus, Mekarasi Hill,
Near Nagavaram Junction,
Gajuwaka-Yellamanchilli Highway
Atchutapuram, Visakhapatnam-531 011
Andhra Pradesh

(Kind Attention: Aaditya V. Majalee, SO/G, CAD, 0891-283-2121/ 96404-32138)

- Quotation shall reach us on/or before **18.Jan.2023 by Speed Post/Courier Only.**
- On top left corner of the envelope please indicate :
Quotation for- **"Installation of batteries, interconnection of batteries, UPS and configuration of UPS for parallel operation & testing" and Due Date 18.Jan.2023.**
- Overwriting, scratching etc. must be avoided in the quotation. Rewriting the whole figure shall carry out any alteration in the figure. The authorized person from the firm shall countersign such figure.
- The delivery period mentioned in the quotation shall be strictly adhered to. If the contractor fails to supply and secure extension of delivery date before effecting delivery of the supply against the contract, acceptance of such item by the purchaser will in no way prejudice the right of the purchaser to levy liquidated damage nor will it be entitled to the contractor for payment of statutory levies that comes into force after the expiry of the delivery date.
- Minimum Guarantee/Warranty period of the material and workmanship shall be **One Year.**
- Supplier shall mention clearly the PAN /TAN no. on quotation.
- GST number shall be clearly mentioned on Quotation.
- All the charges and taxes shall be mentioned clearly.
- You may contact us for any clarification before **13.Jan.2023** (Shri. Aaditya V. Majalee, 0891-2832121, aadityam@barc.gov.in)

3. **Rates:**

As per Scope of Work.

4. Place of Delivery/Work:

UPS Room, PEB-3, CAD
Bhabha Atomic Research Centre
Near Nagavaram Junction,
Gajuwaka-Yellamanchilli Highway
Atchutapuram, Visakhapatnam-531011
Andhra Pradesh

5. PAYMENT TERMS:

1. Part payment/Advance or against delivery cannot be made.
2. Payment will be made only after satisfactory completion of work and on production of (along with Delivery Challan):
 - i. Bill/Invoice containing Location of supply, separate tax components along with PAN and GSTN numbers.
 - ii. Advance Stamped Receipt.
 - iii. Bank Account No, Bank and Branch name with IFSC code.
 - iv. Undertaking stating that GST has been promptly deposited with the authorities.
3. It may be noted that:
 - i. Income tax @2% will be deducted from your bill.
 - ii. TDS (under GST) will be deducted as applicable from your bill of taxable goods and/or services, where the total value of such supply exceeds 2.5 Lakh.

5. CONFIDENTIALITY CLAUSE:

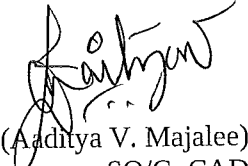
No, party shall disclose any information to any third party, concerning the matters under this contract generally. In particular, any information identified as "Proprietary" in nature by the disclosing party shall be kept strictly confidential by the receiving party and shall not be disclosed to any third party without the prior written consent of the original disclosing party.

This clause shall apply to the sub-contractors, consultants, advisers or the employees engaged by a party with equal force.

"Restricted information "categories under section 18 of the Atomic Energy Act, 1962 and "Official Secrets" under section 5 of the official secrets act, 1923.

Any contravention of the above-mentioned provisions by any contractor, sub-contractor, consultant, adviser or the employees of a contractor will invite penal consequences under the aforesaid legislation.

Prohibition against use of BARC's name without permission for publicity purposes. The contractor or sub-contractor, consultant, adviser or the employees engaged by the contractor shall not use BARC's name for any publicity purpose through any public media like press, radio, T.V. or Internet without the prior written approval of BARC.


(Aaditya V. Majalee)
SO/G, CAD

Phone: 0891-2832121,
Email: aadityam@barc.gov.in

Scope of work

Subject: Installation of batteries, interconnection of batteries, UPS and configuration of UPS for parallel operation & testing.

A. Note:

1. 3 Nos. of 120 kVA UPS (Falcon 8000) from M/s.Consul Neowatt have been installed in BARC premises. And they operate in parallel. New batteries will be available for connection.
2. Cables for interconnection of batteries, batteries to UPS cables are available.
3. Two parallel banks of 32 Nos. of batteries in series to be configured for each UPS.
4. Vendor should have executed orders of installation & commissioning / annual maintenance contracts (including running) of UPS capacity 100 kVA & above in the last 5 years. Proof of the same to be submitted along with quotation.

B. The scope of work order includes;

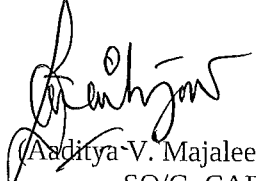
1. Disconnecting 192 Nos. of old batteries, physical removal of all batteries from the racks, physical replacement on racks with new batteries, interconnection of 192 nos. of new batteries.
2. Existing interconnecting cables with lugs have to be cleaned with emory paper before connecting with the battery leads. Connection should be tightened with nut & bolt and good electrical contact should be ensured so as to not result in sparking.
3. Two parallel banks of 32 Nos. of batteries in series should be connected to each UPS. All 3 nos. of UPS should be connected to the battery banks via existing cables.
4. Configuration of the UPS should be done for parallel operation of all 3 nos. of UPS.
5. Testing of battery parameters, UPS back-up, parallel operation of UPS on battery and synchronisation with Diesel Generator should be ensured.

GENERAL REQUIREMENTS:

- a) The vendors are encouraged to hold prior discussions with the indenter for any clarifications.
- b) The vendor should be having experience in interconnection of batteries, batteries to UPS, configuration of UPS for parallel operation. Reference for the same must be submitted by vendor along with quotation.
- c) Finished products should be delivered to the address given below.
 Shri. K.R.K. Chowdhary, Asst. Stores Officer
 Bhabha Atomic Research Centre,
 Near Nagavaram Junction,
 Nagavaram-Atchutapuram Highway,
 Visakhapatnam – 531011
 Phone : 0891-2831011
- d) The cost of transportation/delivery if any should be mentioned in the quotation.
- e) Single order will be placed for all the above items and no partial work is permitted.
- f) Minimum Guarantee/Warranty period of the raw material and workmanship shall be **One Year.**
- g) **Contact Persons:**

a) **Aaditya V. Majalee**
Scientific Officer G
 Computational Analysis Division, BARC
 Contact details: aadityam@barc.gov.in
 Phone: 0891-2832121 (Landline)
 Mobile : 96404-32138 / 94924-28318

b) **N. Sakthivel**
Head, CADS
 Computational Analysis Division, BARC
 Contact details: svel@barc.gov.in


 (Aaditya V. Majalee)
 SO/G, CAD