



भारतीय प्रौद्योगिकी संस्थान (भारतीय खनि विद्यापीठ), धनबाद

धनबाद, झारखण्ड, भारत, पिन-826004

(मानव संसाधन विकास मंत्रालय, भारत सरकार के अधीन राष्ट्रीय महत्व का एक संस्थान)

INDIAN INSTITUTE OF TECHNOLOGY (INDIAN SCHOOL OF MINES), DHANBAD

DHANBAD, JHARKHAND, INDIA, PIN-826004

(An Institute of National Importance under Ministry of H.R.D., Govt. of India)

STORES & PURCHASE SECTION

Phone:(0326) 2235678 || Email : purchase@iitism.ac.in || Website : www.iitism.ac.in

No. ESE-500478-2017-18

Date: 8 March 2018

NOTICE INVITING TENDER

Subject: Supply & Installation of UPS with battery

Indian Institute of Technology (Indian School of Mines), Dhanbad invites quotations for the following to be supplied and delivered in ESE Department.

S No	Full Description of items/ store	Qty	Delivery
1	Supply & Installation of UPS with battery (Detailed Specification is given in Annexure – I)	01 No.	At the Earliest /Ex-Stock

Tender Schedule

Particulars	Date & Time
Last date and time for submission of tenders	03.04.2018 at 1:00 P.M.
Date and time of opening of tenders	03.04.2018 at 4.00 P.M.

1. You are requested to quote your lowest rates for the supply of above items in the attached format for Financial Bid (Annexure – II)
2. You may send your representative in the office of the undersigned at the scheduled date and time of opening of tender.
3. Tender should be submitted in sealed cover only superscribed with Enquiry No. and due date at the following address only:

The Deputy Registrar (P&S)
Indian Institute of Technology (Indian School of Mines),
Dhanbad – 826 004 Jharkhand



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Terms & Conditions

- 1) The rates should be quoted for each item separately.
- 2) Conditional offer will not be accepted.
- 3) IIT (ISM) does not issue any Form 'C' or 'D' towards sales tax concessional rate. Hence, full rate of sales tax/VAT, GST applicable should be quoted.
- 4) **Educational discount**, if any, should be clearly mentioned.
- 5) You are requested to submit your quotation strictly as per the specifications mentioned in the NIT.
- 6) Your tender must be valid for **minimum 90 days** from the date of opening of tender.
- 7) Please mention warranty/ guarantee in your offer clearly. Material/ equipment to be supplied must have minimum warranty/guarantee of **12 month**.
- 8) Each page in the bid document must be numbered properly and duly signed & sealed by the bidder on every page of the bid.
- 9) **The items/ materials shall be required to be delivered at ESE Department/ Section through Purchase & Store Section, IIT (ISM) Dhanbad** at the risk and cost of the tenderer.
- 10) Unloading and installation shall be the complete responsibility of the supplier.
- 11) The stores are required to be delivered within 30 days. Late delivery may not be accepted.
- 12) The items offered should be of good quality confirming to BIS standards, wherever applicable.
- 13) **Advance payment is not admissible**. Payment shall normally be made within 4-6 weeks subject to receipt and acceptance & installation (as per Purchase Order Terms) of the ordered materials/items.
- 14) In the event date on which the tender is opened for acceptance is declared to be a holiday, the tenders shall be deemed to remain open for acceptance till the next working day.
- 15) Please send your offer by Regd. Post/ Speed Post/ Courier along with Courier receipt. Tender/ quotation will be received during IIT (ISM) working hours only (i.e. Monday to Friday). *Late or delayed tenders shall be summarily rejected.*
- 16) Any other information that you may like to obtain, you are free to contact IIT (ISM) before submission of tender.
- 17) IIT (ISM) reserves the right to accept and/or to reject any/ all tenders without assigning any reason.

Deputy Registrar



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ANNEXURE I

DETAILED TECHNICAL SPECIFICATIONS

SL.NO	DESCRIPTION	Technical specification
1	Capacity	6K VA / 4800 W
2	Design	True online double conversion design
3	Nominal Input Voltage	208/220/230/240V
4	Nominal Input Frequency	50Hz with range of 46 - 54Hz
5	Nominal voltage regulation	1%
6	Charging Method	Constant voltage constant current (CVCC)
7	Charging current Capacity	4 - 6Amps
8	Number of Batteries	16 – 20 Blocks for Long run models.
9	Type of Batteries	SMF ,12V
10	Nominal Output voltage	208/220/230/240VAC
11	Output Frequency	Frequency Range (Batt. Mode): 50 Hz \pm 0.1 Hz ; Frequency Range (Synchronized Range): 46Hz ~ 54 Hz @ 50Hz system
12	Inverter	IGBT based PWM with Instantaneous Sine wave control
13	Power Rating	6KVA / 4.8KW
14	Automatic Bypass	Inbuilt
15	Inverter Efficiency (DC to AC)	AC mode : > 93% ;
16	Overall efficiency (AC to AC)	Up to 91%
17	Ambient Temperature	0 - 40 Deg C
18	Storage Temperature	-15°C~60°C
19	Cooling	Forced Air
20	Metering (Digital display)	Input voltage, Battery voltage, Output voltage, Output current, Output frequency, Input Frequency, Heat sink temperature
21	Fault indicated on Digital Display Alarms	LED indication display
22	Protection	Overload/Short Ckt/Battery Deep Discharge/Low Battery/Reverse Battery/Inverter Current Limitation/Over Temperature/Output Overvoltage.
23	BATTERY MAKE	QUANTA/ ROCKET/PANASONIC/AMARON

- Parties must mention the make and model number of the equipment offered by them, with detailed specification (on separate sheet) failing which their tender will not be accepted.
- The vender should be ISO 9001 and 9008 certified with CE registration done.
- Complete user list of the model quoted with contact details such as Email and mobile numbers and with the name of the end user should be enclosed with the quotation.
- Vender must have supplied in earlier instances minimum three working models either at IISc or IITs or NITs, state and central universities or reputed government laboratories. The purchase order for the same must be produced.



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Annexure - II

Format for Financial Bid

NIT No.: ESE-500478-2017-18

Date: 8 March 2018

Bidders Ref. No.:

Date:

GSTIN:

Subject: Supply & Installation of UPS with battery

Sl. No.	Full Description of Items (With HSN Code/SAC Code)	Qty.	Rate	Amount
			Packing & Forwarding (if any)	
			Total	
			GST (if any)	
			Freight (if any)	
			Installation (if any)	
Amount should be in figure as well as word			Grand Total	

Note:

- 1) Price basis must be FOR IIT(ISM) Dhanbad only.
- 2) All the details must be provided as per prescribed format only.
- 3) Prices quoted by the bidders should include all local taxes, VAT, service tax, GST, HSN Code, SAC Code, livies, transportation cost and insurance costs etc. if any
- 4) All the rates must be quoted in Indian Rupees.