



ISLAMIC UNIVERSITY OF SCIENCE & TECHNOLOGY KASHMIR

GENERAL TERMS & CONDITIONS

The Bidders are expected to go through all instructions, terms & condition as specified in the bidding document. Failure to furnish complete required information or submission of a bid with incomplete information may result in rejection of the bid.

1. The tender duly completed and signed shall be submitted in two sealed envelopes. Envelope A (Technical Bid) and Envelope B (Financial Bid).
2. The Technical Bid (Envelope- A) would be opened first and the tenders found eligible will go for opening of Financial Bid (Envelope-B) on the same day or the day as decided by the DPTC. The Financial Bid (Envelope-B) of in-eligible bidders will not be opened.
3. The supply, transportation, installation and commissioning etc. of the items will be sole responsibility and at the risk of the firm till the acceptance by the University.
4. All the items and other accessories supplies made under this tender notice will be inspected by a Verification Committee and in case the Committee is of the opinion that the supplies are not of the required specifications, the supplies shall be rejected and responsibility of lifting back the supplies will devolve on the supplier. Besides, in such an event, the EMD shall stand forfeited and the extra cost incurred in arranging the supply from the alternative sources shall also be recovered from the defaulting supplier apart from initiating the proceedings for blacklisting.
5. The University reserves the right to reject or accept any Proposal without assigning any reason or cancel or withdraw the tender. The University reserves the right to relax any condition enumerated or arising out of this tender, without assigning any reason/s thereof. If the supply of the required items is not affected before the specified period, the University shall have the authority to cancel the order or to take any action deemed fit in the circumstances.
6. The EMD may be forfeited:
 - a) If a Bidder withdraws its bid during the period of bid validity.
 - b) If at any stage it is proven that the information given by the bidder is incorrect.
 - c) In case of a successful Bidder, if the Bidder fails:
 - to execute the supply within the stipulated time.
 - if the items are not as per the specifications.
7. The University may, for any reason, whether suo-moto or in response to a clarification requested by a prospective bidder, modify the bidding documents by an amendment, any time prior to the last date for submission of bids.
8. Tenders received after the due date, improperly sealed, or with incomplete marking or with overwriting/corrections are liable to be rejected.
9. During evaluation of bids, the University may, at its discretion, ask the Bidder for a clarification of its bid. The request for clarification and the response shall be in writing and no change in prices or substance of the bid shall be sought, offered or permitted.

I/We hereby declare that the information furnished in the tender is true and correct and also, I/We have gone through the terms and conditions stipulated in the Tender Document and confirm to abide by the same. In case the information provided is found incorrect at any stage, the University may take appropriate action as warranted.

Name and sign of the authorized person of the firm along with seal

Place:

Date:



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TENDER DOCUMENT

TECHNICAL BID (ENVELOPE- A):

It should contain the following:

- a) Authorization /dealership/manufacturer certificate.
- b) GST Registration.
- c) Technical specification/ literature for the goods/equipment (**Annexure-B**).
- d) Bidders Profile (**Annexure-C**).
- e) Warranty Certificate (**Annexure-E**).
- f) Bid security @ 2% in the shape of FDR of any nationalised Bank drawn in favour of “Islamic University of Science and Technology”, payable at Awantipora, Pulwama (J&K).
- g) Certificate of service support after sale wherever necessary.
- h) Proof of legal status.
- i) Detailed Catalogue of the product / item.
- j) Relevant past experience of at least 4 years in supplying the similar items to other IITs/NITs/Central/ State Govt. Universities or institutes.
- k) Relevant purchase order copies of supplying the similar item(s), of last three years.

FINANCIAL BID (ENVELOPE-B):

It should contain the following:

- a) Bid prices shall be in Indian Rupees (**Annexure-D**).
- b) The rates shall be quoted for Department of Electrical Engineering, IUST Kashmir including transportation, installation/commissioning/fixing and all taxes/levies (including GST).
- c) Bid price should be without over writing, however minor over writing should be clearly signed by the bidder. In case of any discrepancy between price quoted in figures and words, the price quoted in words shall be accepted.
- d) The rates should be covered with transparent tape.

VALIDITY OF BIDS:

Bids shall remain valid at least for 90 days from the date of opening.

EVOLUTION OF BIDS:

IUST shall evaluate and compare the bids which are found substantially responsive. i.e., which are

- Properly signed.
- Conform to terms and conditions and technical specifications.
- Accompanied with Bid security and all other documents.
- Bids shall be evaluated separately for each item.

AWARD OF CONTRACT:

- a) Contract shall be awarded to the bidder whose bid is commercially, technically responsive and offered at lowest evaluated price.
- b) The successful bidder shall be informed about the award of the contract where in terms and conditions of supply shall be incorporated.

DELIVERY PERIOD:

Delivery of items under this tender has to be made within a period of 15 days from the date of issuance of supply order.



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PAYMENT:

100% payment shall be made against delivery of items, after successful verification/inspection of items by the University Verification Committee.

WARRANTY:

All items shall carry comprehensive standard warranty of one year (**Annexure-E**).

SETTLEMENT OF DISPUTES:

Settlement of any dispute will be made under the jurisdiction of Srinagar court only.

SUBMISSION OF BIDS

The tender duly completed and signed shall be submitted in sealed envelopes. The two envelopes Envelope A (Technical Bid) and Envelope B (Financial Bid) should be kept in one sealed envelope upper-scribed “**Tender notice for supply of Battery Management System Setup for Electric Vehicle Lab for Department of Electrical Engineering**” and addressed to the **Chairman Departmental Purchase cum Technical Committee**, Department of Electrical Engineering, Islamic University of Science and Technology, Kashmir and shall be submitted on or before **27-02-2025 03.00 pm**.

BID OPENING

- a) The Technical Bid (Envelope- A) would be opened first and the tenders found eligible will go for opening of Financial Bid (Envelope-B) on the same day or the day as decided by the DPTC. The Financial Bid (Envelope-B) of in-eligible bidders will not be opened.
- b) Interested bidders can attend the bid opening occasion.



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Annexure-A

Schedule of Requirements:

S.No	Item Name & Brief Description	Qty.
1	<p>Battery Management System Setup for Electric Vehicle Lab</p> <p>A Battery, Cell, Smart BMS with CAN Protocol Training Setup for Education & Training.</p> <ul style="list-style-type: none"> • Multi-programming BMS with temperature sensor; suitable for Li-ion (3.7V) and LiFePO4 (3.2V) should support both. Maximum continue discharge current - 40A, peak current support - 80A, Size not more than: 165*114.5*30 mm, Balance Max current: 260mA, Connectivity-Bluetooth, UART, CAN. Support for iOS & Android Mobile App. To check various parameters like BMS View, BMS Parameters, cell voltage, temperature, SoC etc. Must have over charge protection, balance protection, over discharge voltage & current protection, out load short cut protection, temperature protection etc. Qty - 02 • Regular / Normal BMS For LFP Cells Compatible – Qty – 02 • Regular / Normal BMS For NMC Cells Compatible – Qty - 02 • DIY EV Battery Pack Making Setup Including: <ul style="list-style-type: none"> ○ Prismatic NMC cell - 20Ah or higher, (Qty. – 20) ○ Cylindrical LFP Cell - 2500 mah or higher (Qty. – 60) ○ Silicon wire – (5 meter or more) ○ PVC Heat Shrink Sleeve: (2 Meter or more) ○ Barley paper (5 meter or more) ○ Connecting Bus Bars – 50 or more ○ Basic Battery IR Tester – Qty.- 01 ○ CAN / UART Cable: Qty. -01 ○ Tool Kit for DIY Battery Packs – Qty.- 01 <p>Battery Testing Equipment</p> <p>Battery Charger/ Discharger Equipment, 10-99V 10A/20A 1CH Type Digital, Display Type LCD Suitable for Battery Cell Testing Maximum Voltage 99V 10A/20A 1CH Battery Tester</p> <ul style="list-style-type: none"> • Input Power: AC200V~245V 50/60HZ • Applicable Batteries: Lead-Acid/Lithium batteries • Charge Con-Voltage: 9V-99V • Discharge Cut-off Voltage: 9V-99V • Discharge Current: 0.5A-20A • Charge Current: 0.5A-10A • Operation Method: Panel/Online • Input Power: 900 W • Applicable Batteries: Lithium-ion and lead-acid battery pack • Data analysis and comparison, Voltage Charge Constant Voltage Range: 9V-99V, 0.1V stepping, Discharge Cut-off Voltage Range: 9V-99V, 0.1V stepping • Tolerance: <0.03V, Current Charge Current: 0.5 – 10 A adjustable • Charge Cut-off Current: 0.1 – 5 A adjustable • Discharge Current: 9V-21V: 0.5-10A adjustable 	01 (One)



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- 21V-99V: 0.5-20A adjustable, Tolerance: <0.03A
- Data Recording Data Recording Conditions Time interval
- Basic Functions: Charge, Discharge, Auto cycle charge and discharge
- Over-voltage protection, Short-circuit protection, IP Grade IP20, Channel Control Mode Independent control, High Voltage Insulation Between Channels AC1000V/2min Normal
- Voltage & Current Test Sampling Four-core wires connection
- Noise < 76 dB
- Host Computer Communication Method based on TCP/IP protocol
- Test Report Output Method Excel, Server Disk Configuration >200MB
- Server Operation System Windows XP, Windows 7/8/10
- Communication Port LAN
- Operation Methods Panel/Software
- Operation Ambient Temperature 0 °C - 40 °C, Storage Temperature -10 °C - 50 °C
- Operation Ambient Humidity ≤ 70 % RH (No condensation)
- Storage Ambient Humidity ≤ 80 % RH (No condensation)

Cylindrical & Prismatic EV Cell Capacity Tester – 5V, 6A, 8 Channel

Communication	RJ45 (network)
Charging voltage	0-5V
Discharge voltage	5-0.7V
Charging current	0.02A ~ 10A
Discharge current	0.02A ~ 10A
Voltage accuracy	+ 0.05% FS ± 0.05% (RD)
Accuracy of	+ 0.05% FS ± 0.05% (RD)
Voltage	1 mV
Current	1 mA
Power output	≤450 W
The input	≥ 10 M Ω
The input power	AC 220V + 10% / 5 HZ
Time setting	For 0-9999 hours, the time units are hh: mm: ss. MS and the resolution is 0.1s
Record the frequency	100 MS to 100 S

Battery Spot Welding Machine for Prototyping

1500 A, 8inch head, 0.2 mm to .25 mm, power capacity 5k, heat control feature, electrode 3.0 to 3.5 mm High performance microcomputer high-frequency inverter spot welding machine for assembling of lithium batteries (nickel cadmium, nickel hydrogen, lithium batteries).



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Bidder's Profile to be placed in Envelope A (Annexure-C)

Name of the firm : _____

Tender for supply of : _____

Tender No. & Date : _____

Technical specification/ literature attached: Yes / No

GST certificate attached: Yes / No

Registration/ Authorization Dealership /
Manufacturer certificate attached: Yes / No

Revenue stamp affixed. Yes / No

Rates covered with transparent tape: Yes / No

Bid document fee deposited: Yes / No

Bid Security enclosed: Yes / No

Bid price in Indian Rupees: Yes / No

Bid without correction/overwriting: Yes / No

Seal and Signature of the Bidder



**ISLAMIC UNIVERSITY OF SCIENCE & TECHNOLOGY
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Annexure-E

WARRANTY CERTIFICATE

We warrant that everything to be supplied by us hereunder shall be brand new, free from all defects and faults in material workmanship and manufacture and shall be of the highest grade and quality and consistent with the established and generally accepted standards for material of the type ordered, shall be in full conformity with the specifications/drawings of samples if any and shall operate properly. We shall be fully responsible for its efficient operation.

In case of any latent defect or inconsistency due to poor manufacturing/repair and overhaul of the Machinery/Equipment or defective supply not conforming to the specifications if observed at the time of final inspection and thereafter within warranty period ----- months of the date of acceptance, we undertake the guarantee to repair/supply free of cost of defective items up to the final destination and the inland expenses borne by the indenter will be at our cost.

This warranty shall survive inspection and payment for and acceptance of the equipment/machinery shall expire (except in respect of complaints of which the contractor has been notified prior to such date) ----- months in case equipment/machinery after their successful acceptance by the purchaser.

Seal of manufacturer/supplier.

Dated _____

Signature-----

Name and Address of Manufacturer/Supplier: