

National University of
Technology (NUTECH)
IJP Road, Sector I-12
Islamabad
Telephone: 051-5476805
106/SCM/NUTECH
24 July 2025

To:

Subject: Request for Quotation: - Purchase of Eqpt fro Wired Wired Based EV Charger

Please provide quotation for following items. Quotes will be submitted in closed envelop and must reach to SCM Office latest by 01 Aug 2025 before 1100 hrs.

Ser	Item Name/Size	Specification	A/U	Country of Origin	Qty	Est Unit Price (PKR)	Total Est Price (PKR)
1.	Charging Connector & Cable (CCS2/CHAdemo)	<ul style="list-style-type: none"> Rated Voltage: 240V AC/480V AC Rated Current: 32A Charging Mode: AC Standard Mode 3 Certificate: TUV/CE/RoHs IP Grade: IP54/IP55 Application: Electric Vehicle Charging 	Nos	China	01		
2.	Fuses (AC)	<ul style="list-style-type: none"> AC Input Side (Three-phase, 400 V): Type: HRC (High Rupturing Capacity) or gG class fuses Rating: 63–80 A (consider inrush current and continuous draw) Voltage: ≥ 500 V AC Breaking capacity: ≥ 50 kA (depending on local grid fault current) 	Nos	USA / Europe/ China	05		
3.	Fuses (DC)	<ul style="list-style-type: none"> Type: DC-rated fuse (aR or gPV types preferred) Rating: 100–125 A (to allow surge, overcurrent margin) Voltage: 600–1000 V DC (depending on your system voltage) 	Nos	USA / Europe/ China	8		

4.	Relays/ Contactors (AC)	<ul style="list-style-type: none"> Type: 3-pole AC contactor Current rating: ≥ 63 A AC Voltage: 400–690 V AC Auxiliary contacts: 1 NO + 1 NC for control circuit Coil voltage: 24 V or 230 V AC/DC (based on control system) 	Nos	USA / Europe/ China	04		
5.	Relays/ Contactors (DC)	<ul style="list-style-type: none"> Type: DC contactor (suitable for high-voltage DC breaking) Current rating: 100–125 A DC Voltage: ≥ 600 V DC Arc suppression: Needed due to inductive loads 	Nos	USA / Europe/ China	03		
6.	AC Circuit Breaker	<ul style="list-style-type: none"> Type: 3-pole MCCB (Molded Case Circuit Breaker) Rating: 63–80 A Trip curve: C or D type depending on inrush characteristics Voltage: 415–690 V AC Breaking capacity: ≥ 35 kA 	Nos	USA / Europe/ China	04		
7.	DC Circuit Breaker	<ul style="list-style-type: none"> Type: DC MCCB or MCB Rating: 100–125 A Voltage: Up to 1000 V DC Poles: 2-pole or 4-pole (depending on grounding scheme) 	Nos	USA / Europe/ China	02		
8.	ESP32	<ul style="list-style-type: none"> 38 PIN DOIT ESP32 DEVELOPMENT BOARD WIFI+BLUETOOTH ULTRA-LOW POWER CONSUMPTION DUAL CORE 	Nos	USA / Europe/ China	02		
9.	PIC18F4520-I/P 8-BIT PIC Microcontroller	<ul style="list-style-type: none"> PIC18F4520-I/P 8-BIT PIC Microcontroller 	Nos	USA / Europe/ China	01		

10.	PIC16F877A 20P 8bit PIC Microcontroller	<ul style="list-style-type: none"> PIC16F877A 20P 8bit PIC Microcontroller 	Nos	USA / Europe/ China	01		
11.	Arduino UNO R3 Development Board	<ul style="list-style-type: none"> Arduino UNO R3 Development Board 	Nos	USA / Europe/ China	01		
12.	High Wattage IGBT	<ul style="list-style-type: none"> 1000 V, 100 A 	Nos	USA / Europe/ China	05		
13.	High wattage MOSFETs, inductors, capacitors, resistors	<ul style="list-style-type: none"> 1000 V, 100 A 	Nos	USA / Europe/ China	05 x each		
14.	Workstation	<ul style="list-style-type: none"> Core i7 CPU with 3.0 GHz clock speed or more 16 GB RAM 1 TB SSD NVMe UPS/Battery Backup (CS 650 APC) Monitor Mouse Keyboard Power cables x2 1x HDMI or DVI monitor-CPU 	Nos	USA / Europe/ China	02		
Gross Total inclusive of all taxes							

1. Provide unit price of each item, Total price per item, Total price of all items without all applicable taxes and total price with all taxes.
2. Quote for above mentioned items should be on company's letterhead with sign and stamp.
3. Also mention date of quote, **NTN and STRN** number in your quotation.
4. Quality must be ensured.
5. Quotes must reach in SCM Office 2nd Floor Admin Block NUTECH Islamabad latest by 01 Aug 2025 not later than 1100 hrs.
6. Quotes will be opened on 01 Aug 2025.
7. Delivery period will be **07 days** after placing Purchase Order.
8. Please ensure delivery within stipulated time.
9. Rates shall be quoted on free delivery basis at NUTECH Islamabad.
10. Warranty/ Guarantee required **12 Months**.
11. **Business will be awarded on package deal.**


 Deputy Director
 Supply Chain Management Office