

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

To:

Subject: Request for Quotation: - Purchase of Eqpt for 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 10 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.	UR100030-IP65 (EU) 30kW IP65 DC Charging Module	<b>AC Input</b> <ul style="list-style-type: none"> <li>• Input voltage 260VAC~530VAC</li> <li>• Input frequency 55±10Hz</li> <li>• THD ≤5%</li> <li>• Power factor Rated output load PF ≥ 0.99</li> <li>• Max. input current &lt;60A</li> <li>• Input under voltage protection 255±5V, backlash≥15V</li> <li>• Input over voltage protection 530±5V, backlash≥15V</li> <li>• Input Power Derating 260±5V</li> </ul> <b>DC Output</b> <ul style="list-style-type: none"> <li>• Rated output 1000V/30A</li> <li>• Constant power voltage range 30kW (300V~1000V)</li> <li>• Output voltage range 150V~1000V</li> <li>• Output current range 0~100A</li> <li>• Output over voltage protection 1010±5V</li> <li>• Output under voltage alarm constant</li> </ul>	Nos	China	01		

- 140±2V
- Short circuit protection  
Short circuit retraction  
constant current output  
is adopted in case of  
short circuit, which can  
be recovered  
automatically
- Voltage stabilized  
accuracy  $\leq \pm 0.5\%$
- Load sharing  $\leq \pm 3\%$
- Max. startup overshoot  
 $\leq \pm 1\%$
- Current stabilized  
accuracy  $\leq \pm 1\%$
- Startup time 1s
- Efficiency Highest  
efficiency > 96%, rated  
efficiency > 95%

#### Communication & Alarm

- Communication  
CAN
- Max. Number of parallel  
machines 60pcs
- Alarm and status  
CAN bus  
communication, LED  
display

#### Operating Environment

- Operating temperature  
-30°C~75°C, derates  
from 55°C
- Over temperature  
protection On  
temperature  
>75°C±4°C or <-  
30°C±4°C, module will  
shut down automatically
- Storage temperature  
- 40°C~85°C
- Humidity  $\leq 95\%$   
RH, without  
condensation
- Atmospheric pressure/  
Altitude  
79kPa~106kPa

#### Physical Characteristics



		<ul style="list-style-type: none"> <li>• Acoustic Noise &lt; 65dB</li> <li>• Cooling Fan cooling</li> <li>• Dimension 400mm (W) *148mm (H) *525mm (D)</li> <li>Weight ≤33kg</li> </ul>					
2.	Laptop	<ul style="list-style-type: none"> <li>• Processor: Intel Core i7 (13th Gen or Higher), 10 to 12 cores / up to 16 threads, Turbo Boost up to ~4.9 GHz</li> <li>• Memory: 24 GB DDR5 RAM</li> <li>• Storage: 1 TB NVMe SSD, PCIe Gen 4 interface</li> <li>• Display: 15.6-inch , Full HD (1920×1080) or higher, Anti-glare, 300+ nits brightness</li> <li>• Operating System: Windows 11 Home or Pro</li> <li>• Integrated Graphics: Intel Iris Xe Graphics or higher</li> <li>• Ports: 2× USB-A 3.2, 1–2× USB-C (with Power Delivery and/or DisplayPort), HDMI 2.0 or higher, 3.5mm audio combo jack, Optional SD or microSD card reader</li> <li>• Connectivity: Wi-Fi 6E, Bluetooth 5.3,</li> <li>• Camera &amp; Audio: 1080p FHD webcam, Dual-array microphones,</li> <li>• Stereo speakers with Dolby Audio (or similar enhancement)</li> </ul>	Nos	American/ European	01		

		<ul style="list-style-type: none"> <li>Keyboard: Backlit keyboard, Full-size with numeric keypad (on 15.6"+ models)</li> </ul>					
3	EV Bike Charger Kit	E-Bike Charger kit 73V 10A	Nos	American/ European	01		
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 10 Aug **2025 not later than 1100 hrs.**
6. Quotes will be opened on 10 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