

**Subject: NIQ for supply and installation of Network devices & Accessories for Wi-Fi system at Ground floor and 2<sup>nd</sup> floor of Patsan Bhawan.**

Sealed Quotations are invited by the **Secretary, National Jute Board (NJB), Patsan Bhawan, 5<sup>th</sup> & 6<sup>th</sup> Floor, Street No. 175, Plot No. 6/1, CF Block, Action Area - 1, New Town, Kolkata - 700156** from reputed vendors/OEMs for supplying and setting up Wi-Fi Network at Ground floor and 2<sup>nd</sup> floor of National Jute Board, Patsan Bhawan, Plot No. CF-6/1, Street No. 175, New Town, North 24 Parganas, Kolkata, West Bengal -700156 for JDRC scheme of NJB.

Interested Agencies must submit the Quotations at the Tender Box in the National Jute Board office on or before 23/06/2025 within 3:00 pm. The Quotations should be submitted in a sealed envelope, addressed to "The Secretary", National Jute Board.

**Important to NOTE:**

Agencies are advised to carefully read the terms and condition before submission of tender:

- The Local Purchase Committee constituted for the purpose would open the Tender both Technical and Financial Bid, examine and process as per Tender formalities.
- Agencies whose Packet A (Technical) could not be considered by the Evaluation Committee their Financial Bid shall not be opened. The decision of the Committee is final and no further communication will be entertained.
- Incomplete Quotations will be summarily rejected as invalid.
- NJB reserves the right to accept or reject any or all the Quotations in part or whole or may cancel the tender at its sole discretion without assigning any reason whatsoever and decision of NJB in this regard shall be final and binding. No further correspondence in this regard will be entertained.
- NJB is not bound to accept the lowest Bid or to assign any reason for non-acceptance.

1. The Quotations must be submitted in two (02) parts as Packet "A - Technical" and Packet "B - Financial" in separated envelope.

2. The followings are the detailed information regarding this tender: -

<b>NIQ Details</b>	
<b>NIQ End Date/Time</b>	13-06-2025 15:00:00hrs.
<b>Quotations Opening Date/Time</b>	13-06-2025 15:30:00hrs
<b>Quotations Offer Validity (From End date)</b>	30 (Days)
<b>Organization Name</b>	National Jute Board

<b>Total Quantity</b>	7
<b>BOQ Title</b>	Supply and installation of Network devices & Accessories for Wi-Fi system at Ground floor and 2 <sup>nd</sup> floor of Patsan Bhawan
<b>Years of Past Experience Required for same/similar service</b>	3 Year (s)
<b>NIQ Details</b>	
<b>Document required from seller</b>	<p><b>Packet “A”</b>- valid trade license, MSME/UDYAM certificate, GST certificate, OEM certificate, relevant document of previous Work orders/ Purchase Orders (completed) in govt sector</p> <p>Technical Compliance statement in Annexure - I &amp; letter of acceptance.</p> <p><b>Packet “B”</b>- Financial Bid in the prescribed format given in Annexure – II</p>
<b>Time allowed for Technical Clarifications during technical evaluation</b>	2 Days
<b>Evaluation Method</b>	Total value wise evaluation

**General terms and conditions: -**

1. Proposal should submit with current trade license, MSME/UDYAM and GST certificate
2. OEM Authorization certificate of Dlink and AIR.
3. At least 3 different but relevant work certificate or Purchase Order(completed) in Govt sector as credential
4. Online call raising system or ticket booking system
5. Must have office in consignee jurisdiction.

**Annexure-I**

**Name of the work: Supply and installation of Network devices & Accessories for Wi-Fi system at Ground floor and 2<sup>nd</sup> floor of Patsan Bhawan**

**TECHNICAL COMPLIANCE STATEMENT**

*(To be submitted in envelop –A)*

<b>SL no.</b>	<b>Required Technical Specifications</b>	<b>Compliance: - YES / NO</b>
1	<p><b>Supply and Installation of Optical Fibre Cable –DLink make Armour 200 M</b></p> <ul style="list-style-type: none"> <li>• Suitable for Indoor / Outdoor</li> <li>• Excellent Crush Resistance Performance, Light Weight, Compact, Water proof Layering &amp; Perfect Moisture Resistance</li> <li>• Standards: ISO (11801), ITU-T(REC G.625D), IEC (60793-1/60794-1-2), GR-20 Core</li> <li>• Environment Characteristics: Operating Temp (-20 to +60 deg C); Jacket Mat (HDPE/LSZH)</li> <li>• Fibre count: 6</li> <li>• Diameter: 7.2 ± 0.5</li> <li>• Bend Radius – IEC Standard with Short Term 20D</li> <li>• Color Code: BL+OR+GR+BR+GY+NA</li> <li>• SM-Cladding to ITU: refractive index – 9/125/OS1 &amp; 1.4674/1.4679; Wavelength (nm) – 1310/0.38 &amp; 1550/0.25; Dispersion ≤3.5/≤18; PMD ≤0.2; MF/Cladding Dia (um) 9.3±0.5 to 125 ± 1.0; Cutoff Wavelength (nm) ≤1260.</li> <li>• Fixed interface unit: 19Inch light and front mounting with preassembled shelves; splices and terminations both can manage</li> <li>• Powder coated cold rolled metal body with same brand with OFC and interface unit</li> <li>• ABS splice tray 1U unit mounting volume</li> <li>• LC simplex for SM type with 12P</li> <li>• Adaptor 900um space inserted type</li> <li>• Cable Speed 1024Mb/s and Port Speed 1000MB/s</li> <li>• SC-LC 5M Shielded</li> <li>• ISI Standard fittings metal clip with ISI type blue conduit</li> </ul>	
2	<p><b>DLink make 4Pair Shielded twisted Pair CAT6A Cable</b></p> <ul style="list-style-type: none"> <li>• 23AWG solid copper conductor</li> <li>• 1000baseT Std with 250MHz Bandwidth</li> <li>• Insulation: High Density Polyethylene</li> <li>• Diameter: 7.6 mm ± 0.3 mm nominal</li> <li>• Sheath: FR-PVC/LSZH Complies; IEC 60332-1/60754-1</li> <li>• Resistance: ≤ 9.38Ω/100m with delay skew: ≤45nS</li> <li>• TIA Std</li> <li>• Operating Temp: -20degC to +70degC</li> </ul>	

	<ul style="list-style-type: none"> <li>• White Polyvinyl Chloride 21ft conduit with prebuilt-in nail fixing -20mm</li> <li>• 5nos information outlet with same brand PVC box embedded</li> </ul>	
<b>SL no.</b>	<b>Required Technical Specifications</b>	<b>Compliance: - YES / NO</b>
3.	<p><b>DLink make supply and installation of Wall Mount Network Rack</b></p> <ul style="list-style-type: none"> <li>• DIN 41494 or ISO Standard</li> <li>• Adjustable mounting slots</li> <li>• Powder coated finish with pretreatment process meets industrial standards grey in color</li> <li>• Front color lockable toughened glass</li> <li>• Steel-19inch angles made with max 40kgs load bearing</li> <li>• 550mm×450mm× 347 mm</li> <li>• 1U cable manager, 1 pkt caster set,6 socket 5 AMP Power UNIT 1,1 Roof Fan</li> <li>• Brand logo engraved and with ‘U’ marks pair area.</li> <li>• At least 6 cable insertion hole in up/down both side.</li> <li>• Precision Engineering screw</li> </ul>	
4.	<p><b>TPLink make Supply and Installation of 8P-2SFP GigaEthernet Switch – JetSteam</b></p> <ul style="list-style-type: none"> <li>• 8 x 10/100/1000 Mbps RJ45 Ports(Auto-Negotiation)</li> <li>• 2 x 100/1000 Mbps SFP Slots</li> <li>• 1 x RJ45 Console / Micro-USB Console</li> <li>• Fanless</li> <li>• 100-240 V AC~50/60 Hz Power Supply</li> <li>• Dimensions: 11.6×7.1×1.7 in (294×180×44 mm) with rack mountable</li> <li>• Switching capacity: 20Gb/s and Buffer Memory: 4.1Mb</li> <li>• Environment: 0–45 °C ~10–90% RH non-condensing humidity</li> <li>• Certification: CE, FCC, RoHS</li> <li>• Queue scheduling: SP (Strict Priority), WRR (Weighted Round Robin), SP+WRR</li> <li>• 5M Branded Patch Cord Cat6 with RJ45 both side</li> </ul>	
5.	<p><b>Supply and Installation of Access Point – AIR AP520</b></p> <ul style="list-style-type: none"> <li>• 1.75Gbps Dual Band 11ax Wi-Fi6 Ceiling Mount AP520</li> <li>• 1WAN PoE -10/100/1000Mbps + 1LAN*10/100/1000 Mbps</li> <li>• PoE af</li> <li>• 4*5dbi Antenna gains</li> <li>• 1.75Gbps- 575Mbps on 2.4Ghz &amp; 1.2Gbps on 5Ghz PHY Rate</li> <li>• NATing: yes</li> <li>• SSID/Concurrent: upto 8 / upto 100 user</li> <li>• VLAN based SSID feature</li> <li>• WiFi roaming enabled; Private cloud/self-type H/W controller</li> <li>• 802.11ax supports 1024QAM</li> <li>• DL/UL MU-MIMO; TWT; Modulation Mode- 1024-QAM</li> <li>• Ceiling mounting; Amber/Red error light</li> </ul>	

SL no.	Required Technical Specifications	Compliance: - YES / NO
6.	<b>Installation of Firewall</b> <ul style="list-style-type: none"> <li>• 2×ISP connection</li> <li>• 2×VLAN Based local connection</li> <li>• Single usable connectivity changing automatic format</li> <li>• Failover checking</li> <li>• Based on different requirement utility</li> <li>• Power failing monitoring system with SNMP enabled.</li> </ul>	

Authorized Signatory : .....

Name : .....

Name of the Firm : .....

**Annexure-II**

**Name of the work: Supply and installation of Network devices & Accessories for Wi-Fi system at Ground floor and 2<sup>nd</sup> floor of Patsan Bhawan**

**FINANCIAL BID**

*(To be submitted in envelop –B )*

Sl	Description (Specification as Annexure –I)	Qty.	Unite Price (Rs.)	Amount (Rs.)	GST (Rs.)	Total Amount (Rs.)
1	Supply and Installation of Optical Fibre Cable –DLink make Armour 200 M	1 pcs				
2	DLink make 4Pair Shielded twisted Pair CAT6A Cable	1 box				
3	DLink make supply and installation of Wall Mount Network Rack	1 pcs				
4	TPLink make Supply and Installation of 8P-2SFP GigaEthernet Switch – JetSteam	1 pcs				
5	Supply and Installation of Access Point – AIR AP520	2 pcs				
6	Installation of Firewall	1 pcs				
Grand Total (Rs.)						

Total Rupees in words inclusive of GST and all other charges

(.....)

**\*\*L1 BIDDER WILL BE SELECTED ON THE BASIS OF OVERALL LOWEST QUOTED GRAND TOTAL AMOUNT\*\***

Date: \_\_\_\_\_

(Authorized Signatory with Stamp)

Name & Address of the Firm \_\_\_\_\_

Telephone & Fax Nos. \_\_\_\_\_

Mobile \_\_\_\_\_

E-mail Address \_\_\_\_\_