

GOVERNMENT OF PAKISTAN
HEADQUARTER NATIONAL LOGISTICS CORPORATION
INVITATION TO TENDER
FOR SUPPLY / INSTALLATION OF ICT EQUIPMENT AT NTOS DRY PORT
LAHORE ON FOR LAHORE BASIS
INSTRUCTION TO TENDERERS - WORDS OF CAUTION

1. **Participation of Tender.** The tender can be participated by following: -
 - a. OEMs (Original Equipment Manufacturers).
 - b. OEM Authorized Dealers / Re-Sellers having OEM Authorization Letter.
2. **Eligibility / Bid Qualification Criteria.** The bidder must prove his eligibility by completing the Bid Qualification Criteria as following.

Ser	Check List	Yes / No
a.	Tender Fee	
b.	Bid Security	
c.	Copy of NTN / STRN and Active Tax Filler with 100% compliance	
d.	Certificate to compliance to the GSR	
e.	Authorization Letter from OEM	
f.	Complete Tech Data of Equipment	
g.	90 x Days Offer Validity	
h.	Confirmation to Delivery Period	
i.	Comparison Chart (NLC Specifications and Firm Offer)	
j.	Not Blacklisting Affidavit	
k.	Certificate mentioning that "Financial Offer is as per format given by NLC (Refers para 8g of Bidding Documents)	
l.	Certificate to accept all conditions of tender	
m.	List of Major Clients	

n.	Hierarchy of the firm along with portfolio of owner & top management be attached	
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3. **Special Conditions**

- a. Bidder must provide the Authorization Letter from OEM / Authorize Dealer / Re-Seller.
- b. Quoted items / equipment should be Branded and Brand New.
- c. Offer should also accompany complete technical data of the equipment.
- d. Firms must provide all relevant import documents to the purchaser (If Required).
- e. Offers must be prepared on firm's letter head, accompanied by the schedule to tender duly completed / signed / stamped by authorized executive (by name) of the firm without which the offer will not be entertained.
- f. In case, any firm fail to supply the tendered store as per the Letter of Acceptance / contract Agreement, the NLC has the right to take punitive action against defaulter firm that include confiscation of its bid security, Performance Bank Guarantee and ban to participate in the tender etc.

4. **Rejection of Bid**. A bid will be rejected under following circumstances: -

- a. Bids not qualifying the bid evaluation criteria, as mentioned above.
- b. Offers not accompanied with complete technical specifications of items being offered and not supported with detailed technical brochures.
- c. Non responsive bid to any single required criteria / specification.
- d. Non submission of Tender Fee & Bid Security.
- e. Late submission of tender from given date & time.
- f. Offers not complying with the special instructions (para 2 & 3) in addition to other conditions.

5. **Particulars and Specifications**. Standard particulars, and specifications of ICT Equipment required to be procured for NTOS Dry Port Lahore are attached at

Annex 'A'. The bid must conform to the asked specifications / requirement and acceptance criteria.

6. **Delivery of Tender**. The original copy of the tender is to be enclosed in double cover. (i) Technical Offer (ii) Commercial Offer, separately. The covers should be sealed and bear tender Enquiry Number and date of opening, while the outer cover should bear only address of this office without any indications.
7. **Date and Time for Submission of Tender**.
 - a. Tender must reach at HQ NLC, Harding Road, Rawalpindi by the date and time specified in tender notice by hand or by post.
 - b. Tender must be dropped in the tender box before given time.
 - c. NLC will not be responsible for delay occurring in post.
8. **Price**
 - a. The firms must quote prices inclusive of all taxes, packing and delivery at Lahore as per format attached at **Annex "B"**.
 - b. The price must be quoted in **PAK RUPEE** in figures and words at the appropriate space of the schedule to tender.
 - c. Additional information, if any, must be linked with entries on the Schedule to Tender.
 - d. Prices quoted should be firm and final.
 - e. Tax exemption (if any) may be provided with the tender documents.
 - f. Firm's financial offer must be on letter head duly signed and stamped by executive authority, otherwise offer will be rejected.
 - g. 0.25% of the value of contract agreement should be submitted to Pakistan Government under the Stamp Duty Act 1899.
 - h. In case of increase in tax by GOP, the additional tax will be paid by purchaser.
9. **Validity of Offers**. The validity period of quoted rates must be indicated and should be at least 90 days from the date of opening the tender without any condition, extendable for further processing of the case, if required.

10. **Delivery Period.** ICT Equipment must be delivered within 60 x days after issuance of LOA (Letter of Acceptance) or Award of Contract (whichever is earlier) at prescribed location, beyond which Late Delivery Charges will apply.
11. **Packing.** Unless a method of packing is indicated in the specification in the schedule to tender form, the method of packing proposed by supplier must be described in schedule to the tender form. Contractors are at liberty to quote for additional alternative sizes and description of packs and these must be described in the schedule of tender. Packing should be such that item shall not damage in transit till place of delivery. **SAFE DELIVERY OF ITEMS IS SOLE RESPONSIBILITY OF FIRM.**
12. **Inspection**
- a. **Pre-Delivery Inspection**
- (1) Pre-delivery inspection may be carried out at firm's premises before supply, by team of HQ NLC (If Required).
 - (2) Inspection will include Quantity, Quality, Conformation to the agreed specification as per LOI / Contract agreement.
 - (3) Firm will dispatch the items / equipment to prescribed location as mentioned in schedule of tender.
 - (4) Inspection (If Required) should preferably be kept at Rawalpindi / Islamabad. Inspection out of Rawalpindi / Islamabad will be carried out on the expenses of firm including travelling, boarding / lodging etc.
- b. **Final Inspection.** Final Inspection will be carried out by the consignee after delivery & installation for any damages / breakages during transportation and successful functioning.
12. **Arbitration.** Any bidder feeling aggrieved by any act of procuring agency after submission of his bid and prior to award of the contract may lodge a written complaint to procurement agency under Rule - 48 PPRA.
13. **Risk and Expense.** Failure to supply the goods quoted or failure to meet the commitment made regarding delivery schedule, specifications, short supplies etc will authorize HQ NLC to purchase the items at firm's risk and cost.

14. **Force Majeure**. The supplier will not be held responsible for any delay occurring the supply of contracted stores due to event of force majeure such as Act of God, War, Riots, Civil Commotion's Strikes, lock out or disturbance directly affecting the supply over which the supplier has no control. In such an event the contractor shall inform the Purchaser within 15 days of the happening in writing. Non-availability of raw material for the manufacture of stores or the export permit for the export of the contracted stores from the country of its origin shall not constitute Force Majeure.
15. **Late Delivery**. Late Delivery charges will be imposed @ 2% per month or no of days delayed on total cost of contract with effect from original delivery date.
16. **Terms of Payment**
 - a. 100% Payment will be made after delivery and Final Inspection after installation and issuance of CRV (Certified Receipt Voucher) by the consignee.
 - b. Advance payment will only be applicable with submission of Advance Bank Guarantee from AAA ranking bank.
17. **Tender Fee and Bid Security**. Both will be prepared in the shape of bank draft in favor of "**National Logistics Corporation HQ Main Account**" and submitted as following: -
 - a. **Tender Fee**. Rs 2,000/- must be attached with Technical offer.
 - b. **Bid Security**. Rs 200,000/- must be attached with Technical offer.
18. **Bank Guarantee**
 - a. Performance Bank guarantee valuing 5% of the contract value must be provided / deposited by the successful firm for award of contract, within 15 days from the signing of the contract / issuance of Letter of Intent (whichever is earlier).
 - b. The Guarantee should be from a schedule bank of "AA" rating and valid till one month after warranty period.
 - c. Performance Bank Guarantee should be as per format provided by NLC and the currency of PBG should be same as the currency of financial offer.

19. **Warranty Period.** The **warranty period** of equipment will be **One year** starting from the date of CRV. Firm will give comprehensive warranty (duly supported by the OEM).
20. **Comparison Chart.** Firms will also attach comparison chart along with their offer on following lines: -

NLC Specification	Firms Specification	Complied with or Not	Remarks

21. **Evaluation:** Technical offer of bidders found eligible and qualified as per “**Bid Qualification criteria**” will be evaluated as per specifications (Annex “A”). Financial offers of technically approved bidders will be opened and bidder with the lowest financial proposal will be considered most advantageous bid.

General Manager Procurement, HQ NLC

NL-2

HEADQUARTERS NATIONAL LOGISTIC CORPORATION

GENERAL CONDITIONS GOVERNING CONTRACT

1. Tender will be opened at HQ NLC, Harding Road Near AFIRM Rawalpindi at Date and Time mentioned in the newspaper ad.
2. Tender will be submitted in accordance with PPRA Rule 36(b) i.e Single Stage – Two Envelope Procedure.
3. Summary of equipment required to be procured is as under:-

Ser	Items Description	Quantity
a.	Laptop Core i5-13th Gen	5
b.	Printer Desktop LJ	5
c.	Flatbed Scanner	3
d.	UPS 1Kva with Built In AVR (1 hr backup)	1
e.	Wireless Base Sta Radio (5 GHz PtMP, with External Omni Antenna, POE, Gig Eth 2.4ghz/5Ghz, AP & Sta Mode sp, Pole Mountable, Surge Protector)	1
f.	Wireless Client Sta (Long-Range Integrated Antenna, PtMP base sta with Router Mode Sp, 1G Eth, Pole Mountable, Surge Protector)	3
g.	Managed Switch 16P With 2xSFP Uplink Industrial	1
h.	Battery Bank	3
i.	CAT 6 Cable (M) Tough Outdoor	305
j.	Cable Manager 16P	1
k.	Patch Cord 1 mtr	3

l.	Patch Cord 3 mtr	6
m.	Network Nodes with Face Plate (Single Shutter), I/Os & Back Box	5
n.	RJ 45 Conn. Sheilded for outdoor	1
o.	Indoor Cabinet 2U with PDU, FAN, Lock	1
p.	HDPE Pipe 1"	40
q.	PVC Pipe 0.75" with Sockets and U clamps (RFT, As per Actual)	640
r.	Duct 16x25 (RFT, as per actual)	150
s.	Flexible Pipe 0.75" (Bundle)	1
t.	Pole 10 Feet 2" Dia, Mountable	1
u.	Pole 15Ft 2" Dia with Foot Rest, GUY Wires & Fitting accy	1
v.	Network Toolkit	1
w.	VFL Device for OFC	1
x.	Svcs/ Instl	1

NL-3

Address_____

Telephone_____

Code Used_____

From: _____

To:

THE DIRECTOR GENERAL

NATIONAL LOGISTICS CORPORATION QMG's BRANCH

R.A. BAZAAR GHQ RAWALPINDI

Dear Sir,

I/We hereby offer to supply to the Director General NLC, the stores as per detail in the Scheduled hereto or such portion thereof as you may specify in the contract at the prices given in the said schedule and agree to hold this offer open till _____. I/We shall be bound by a communication of acceptance dispatched within the prescribed time.

2. I/We have understood the instructions to Tenders and Conditions of Contract as laid down in form NL-2 to "General Conditions Governing Contracts" and have thoroughly examined the specificity/drawing and or pattern quoted in the schedule hereto and am/are fully aware to the nature of the stores required and my/our offer is to supply stores strictly in accordance with the requirements.

3. Recommended technical manual/ data are also enclosed with the offer.

4. The following pages have been added to and form part of this tender:-

Your faithfully

(Signature of Tendered)

Address_____

Dated _____

Signature of witness_____

Address_____

Annex “A”

SPECIFICATIONS

Ser	Item	Unit	Qty	GSR
a.	Laptop Core i5-13th Gen	Nos	5	•Core Ultra 5 Processor: Intel Core Ultra Memory: 8 GB DDR5 Storage: 512 GB SSD •Features Graphics: Integrated intel Finger print: Fingerprint sensor Display: 15-16” Webcam: FHD Camera with privacy shutter Battery: 40 WHR or above express charge capable Audio: Integrated dual array microphones Wireless mouse Carrying case- Same brand bag Charger- Same brand Warranty: Minimum 1 Year replacement
b.	Printer Desktop LJ	Nos	5	Print speed black (ISO, letter): Up to 21 ppm 1 Print speed black (ISO, A4): Up to 20 ppm 1 First page out black (letter, ready): As fast as 8.3 sec First page out black (A4, ready): As fast as 8.5 sec Duty cycle (monthly, letter): Up to 8,000 pages Duty cycle (monthly, A4): Up to 8,000 pages Recommended monthly page volume: 100 to 1000 Print quality black (best): Up to 600 x 600 dpi Print languages: PCLm/PCLmS, URF, PWG Print technology: Laser Connectivity, standard: 1 Hi-Speed USB (compatible with USB 2.0 specifications) Wireless capability: No Display: LED Processor speed: 500 MHz Maximum Memory: 16 MB Flash ROM; 16 MB SDRAM; 32 KB NVRAM Memory: 16 MB Internal Storage: None Paper handling input, standard: 150-sheet input tray Paper handling output, standard: 100-sheet output bin Media types: Plain paper, envelope, postcard, label Media sizes supported: A4; A5; A6; envelopes (C5, DL); custom Media sizes, custom: 105 x 148 to 216 to 355.6mm
c.	Flatbed Scanner	Nos	3	Recommended Daily Volume: 3,000 pages per day or above Scanner Type: ADF (Automatic Document Feeder)-Sheet Fed Scanning modes: Black-and-white/grayscale/color Scan Speed: 25 ppm/50 IPM at 200 dpi

				Scanning Technology & Illumination: Dual CIS (CMOS) & Single RGB LEDs Optical Resolution: 600 dpi Output Resolution: 75/100/150/200/240/250/260/300/400/500/600/1200 dpi Paper Thickness and Weight: 30-430 g/m² Paper Feeding Detection: Multi feed with ultrasonic technology, Intelligent Document Protection Feeder: 75 sheets or above Connectivity / Interface: USB 3.0 High Speed (cable included) - USB 3.2 compatible
d.	UPS 1Kva with Built In AVR (1 hr backup)	Nos	1	1 KVA UPS with builtin AVR and a back up time of 60 mins for IT load of 300 W Single phase, pure sin wave Output Norminal Output Voltage 220V Output Frequency: 50 Hz
e.	Wireless Base Sta Radio (5 GHz PtMP, with External Omni Antenna, POE, Gig Eth 2.4ghz/5Ghz, AP & Sta Mode sp, Pole Mountable, Surge Protector)	Nos	1	Device Type: Outdoor 5 GHz PtMP Base Station / AP Frequency: 5 GHz (5170–5875 MHz) Antenna: External Omni-directional, 14–16 dBi or better Mode: AP/Base Station & Station/Client; PtMP supported Throughput: Up to 300 Mbps or better Ethernet: 1 × 10/100/1000 Mbps Gigabit RJ45 PoE: PoE Adapter included Protection: Ethernet/PoE Surge & Lightning Protection Enclosure: Outdoor, UV-resistant, weatherproof, pole-mountable Operating Temp: –30°C to +75°C or better Application: Outdoor Point-to-Multipoint wireless links
f.	Wireless Client Sta (Long-Range Integrated Antenna, PtMP base sta with Router Mode Sp, 1G Eth, Pole Mountable, Surge Protector)	Nos	3	Device Type: Outdoor 5 GHz PtMP Client Station / CPE Frequency: 5 GHz (5170–5875 MHz) Antenna: Integrated/External Directional, 14–16 dBi or better Mode: Station / Client Mode; PtMP supported Throughput: Up to 300 Mbps or better Ethernet: 1 × 10/100/1000 Mbps Gigabit RJ45 PoE: PoE Adapter included Protection: Surge / Lightning Protector included Enclosure: Outdoor, UV-resistant, weatherproof, pole-mountable Operating Temp: –30°C to +75°C or better Application: Outdoor Point-to-Multipoint client connectivity
g.	Managed Switch 16P With 2xSFP	Nos	1	Must support Box switching capacity ≥ 56 Gbps Must support Forwarding Capacity ≥ 42 Mpps Support operating temperature -5°C ~ 50°C

	Uplink Industrial			Support at least $\geq 1K$ routing entries Support at least $\geq 1K$ ARP entries Support at least $\geq 16K$ MAC entries 16 x 10/100/1000Base-T Ethernet ports The solution must include at least 2 x 1GE single mode transceivers 1 km range per switch The transceivers must be from the same vendor as that of the switch Support IEEE 802.3af/at (PoE/PoE+) Minimum 370 W total PoE power budget Support port-based, MAC-based, and protocol-based VLANs Maximum VLANs ≥ 4094" Support CPU protection Support ERPS, convergence time $\leq 50ms$ Support RRPP or equivalent ring-protection protocol, convergence ≤ 50 ms Support Smart Link or equivalent fast-failover mechanism, convergence ≤ 50 ms Support basic and advanced ACL Support port-based and VLAN-based ACL, IPv6 ACL and Ingress/Egress ACL Support 802.1x, MAC, Portal, web authentication Support stack of at least ≥ 9 switches Support service ports Stacking and remote stacking Support port-based, MAC-based, protocol-based VLAN maximum VLAN ≥ 4094 Support Link Aggregation Support port mirroring SPAN(Switch Port Analyzer)/RSPAN(Remote SPAN); Support Flow mirroring IEEE 802.3az(EEE) Support IGMP Snooping v1/v2/v3, MLD Snooping, PIM snooping and Multicast VLAN Support SNMP v1/v2/v3, RMON, SSH v2 Support OAM (802.1AG, 802.3AH) Must include 1 year support services for each switch. The switch must be able to integrate with SDN solution Must support 10KV Surge protection on service ports Must support Energy efficient design which support to shut down interface power if the interface is down
h.	Battery Bank	Nos	3	Type: Maintenance-Free Sealed Lead Acid (VRLA) Battery Nominal Voltage: 12 VDC Capacity: Minimum 100 Ah Design: Rechargeable, Leak-Proof, Maintenance-Free Application: Suitable for UPS Applications Service Life: Minimum 3–5 Years Standards: IEC 60896 or Equivalent

i.	CAT 6 Cable (M) Tough Outdoor	Mtr	305	Category 6 Cable type STP Bandwidth 250 MHz Conductor Copper Wire, AWG 23 Outer jacket material LSZH™/FRNC Delay skew 4 ns/100 m Voltage rating Less than 75 V d.c max and less than 50 V a.c max Coupling attenuation 60 dB Insulation resistance 5000 MΩ*km Surface transfer impedance 100 mΩ
j.	Cable Manager 16P	Nos	1	Cable Management Panel 19", 1U Black Housing material Powder-coated metal and polycarbonate tray
k.	Patch Cord 1 mtr	Nos	3	Cat 6 Patch Cord Conductor Copper Wire, AWG 24 Delay skew 45 ns/100 m Propagation delay 5.38 ns/m at 100 MHz Insulation resistance 500 MΩ*km Surface transfer impedance 100 N/A Connector Material Pin gold plated 50μ inch
l.	Patch Cord 3 mtr	Nos	6	Cat 6 Patch Cord Conductor Copper Wire, AWG 24 Delay skew 45 ns/100 m Propagation delay 5.38 ns/m at 100 MHz Insulation resistance 500 MΩ*km Surface transfer impedance 100 N/A Connector Material Pin gold plated 50μ inch
m.	Network Nodes with Face Plate (Single Shutter), I/Os & Back Box	Nos	5	Faceplate for 1x Jack Color white Suitable for Cat 6, Cat 6A Jack Number of ports 1 Cat 6 E250 Unshielded RJ45 I/O Jack Tool-less jack Jack can be reused even after wiring mistake Housing material Plastic Conductor AWG 26 - 22 Insulation diameter max. 1.6 mm Contact surface Gold, 1.6 μm IEEE 802.3 1GBASE-T, IEEE 802.3at Insulation resistance > 500 MΩ Voltage Rating (Maximum) <75 VDC Lead Through Resistance < 200 MΩ This Network BACK Box is compatible with Cat5 and Cat6 cables used in telephones and in ethernet connectivities. • Single Gang • Wall Face Mount Box • Material: Polyvinyl Chloride (PVC)

				• Size: 3x3 inches • Colour: White
n.	RJ 45 Conn. Sheilded for outdoor	Box	1	Supports PoE++ (802.3bt) 4PPoE, up to 100W connectors with metal shield and are compatible with both stranded and solid conductors, typically supporting 23 to 24 AWG wires
o.	Indoor Cabinet 2U with PDU, FAN, Lock	Nos	1	Dimensions 2U 19" Indoor wall-mounted type Welded metal body, removable sides Front door with toughened glass Fan openings provided Colour: Grey Protection degree: IP20 Supplied with complete wall-mounting and fixing accessories
p.	HDPE Pipe 1"	Mtr	40	HDPE pipe, 1" dia, made of high-density polyethylene (HDPE), suitable for underground OFC installation, complete with warning tape and all accessories.
q.	PVC Pipe 0.75" with Sockets and U clamps (RFT, As per Actual)	RFT	640	Lengths with elbows, bends and sockets
r.	Duct 16x25 (RFT, as per actual)	RFT	150	PVC duct patti 16x25 mm, made of rigid PVC, 3 m length, for OFC duct spacing and protection, complete in all respects
s.	Flexible Pipe 0.75" (Bundle)	RFT	1	PVC 0.75" solid Flexible pipe
t.	Pole 10 Feet 2" Dia, Mountable	Nos	1	Galvanized 16 guage steel pole with base plate, fittings, footrests and guy wires.
u.	Pole 15Ft 2" Dia with Foot Rest, GUY Wires & Fitting accy	Nos	1	Galvanized 16 guage steel pole with base plate, fittings, footrests and guy wires.
v.	Network Toolkit	Nos	1	Providing and supply of networking tool kit including crimping tool, punch down tool, cable stripper, cutter, LAN tester, and accessories, suitable for Cat-6/Cat-5e cable installation and testing.
w.	VFL Device for OFC	Nos	1	Providing and supply of Visual Fault Locator (VFL), 650 nm laser source, minimum 5 km range, compatible with single-mode and multi-mode fiber, complete with rechargeable battery and accessories.
x.	Svcs/ Instl	Job	1	Incl installation, mouting, laying, commissioning and configuration of all eqpt incl network, wireless, poles, cabinets, PVC, Dukt and minor civil work etc

Annex “B”

Tender No:

1. Financial offer must be as per following formats: -

Ser	Equipment	Qty	Unit Price	Total Price
a.	Laptop Core i5-13th Gen	5		
b.	Printer Desktop LJ	5		
c.	Flatbed Scanner	3		
d.	UPS 1Kva with Built In AVR (1 hr backup)	1		
e.	Wireless Base Sta Radio (5 GHz PtMP, with External Omni Antenna, POE, Gig Eth 2.4ghz/5Ghz, AP & Sta Mode sp, Pole Mountable, Surge Protector)	1		
f.	Wireless Client Sta (Long-Range Integrated Antenna, PtMP base sta with Router Mode Sp, 1G Eth, Pole Mountable, Surge Protector)	3		
g.	Managed Switch 16P With 2xSFP Uplink Industrial	1		
h.	Battery Bank	3		
i.	CAT 6 Cable (M) Tough Outdoor	305		
j.	Cable Manager 16P	1		
k.	Patch Cord 1 mtr	3		
l.	Patch Cord 3 mtr	6		
m.	Network Nodes with Face Plate (Single Shutter), I/Os & Back Box	5		
n.	RJ 45 Conn. Sheilded for outdoor	1		
o.	Indoor Cabinet 2U with PDU, FAN, Lock	1		
p.	HDPE Pipe 1"	40		
q.	PVC Pipe 0.75" with Sockets and U clamps (RFT, As per Actual)	640		
r.	Duct 16x25 (RFT, as per actual)	150		
s.	Flexible Pipe 0.75" (Bundle)	1		
t.	Pole 10 Feet 2" Dia, Mountable	1		

U.	Pole 15Ft 2" Dia with Foot Rest, GUY Wires & Fitting accy	1		
V.	Network Toolkit	1		
W.	VFL Device for OFC	1		
X.	Svcs/ Instl	1		

Note

- a. Price is required to be quoted on **FOR Lahore** basis, which must include delivery, installation charges, and all taxes / duties. Brochure / manufacture specifications (in original) must be attached.
- b. Firm must submit their financial offer as per above mentioned schedule to tender otherwise offer will be rejected.