

Lot 4: Supply and installation of LAN campus network, Tender ID: 19244, Fiscal Year: 2024-2025

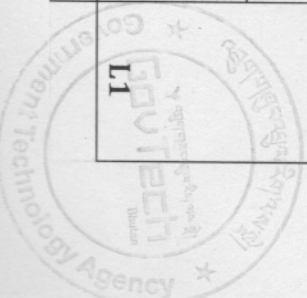
Item No.	Name and Description of Item	Unit	Quantity	Unit price (Nu.)	Remarks
1	Structured Cabling of Local Area Network (LAN) includes installation work and supply of materials:- Casing-N-Capping with complete fitting accessories like Tee, Internal & External Coupler/elbow, (PVC horse, conduit & HDPE pipe), Plastic guard bit, Gypsum screw, Casing-N-Capping pin & Metallic Saddle, Information Outlet Box (I/O) complete set, UTP Cat6 23AWG Solid Cable (100% copper cable, Punching of UTP Cat6 cable on Patch Panel & I/O face plate as per TIA/EIA T586B termination rule, Testing of LAN from Patch Panel to I/O by using Cable tester & Identification of I/O box to patch panel, Fixing of Switch Rack, Patch Panel, fixing Switches & I/O boxes as per standard, Cage nut for fixing switches, Patch Panel & Physical Network Diagram Documentation. Need to submit product sample of I/O box and Cat6 UTP Cable. Bidder must submit the product datasheet.	Point	1	4100	
2	Uplink connection from Core Switch to Access Switch within 100m using UTP Cat6 indoor cable enclosed with HDPE pipe 20mm or casing capping. Bidder must submit the product datasheet.	Point	1	400	
3	Uplink connection from Core Switch to Access Switch within 100m using UTP Cat6 outdoor cable enclosed by HDPE pipe 20 mm. Bidder must submit the product datasheet.	Point	1	700	
4	19" 24 Ports Cat6 Patch Panel with Cage nut. Need to submit product sample. Bidder must submit the product datasheet.	No.	1	800	
5	Cat6 Patch Cord Factory Crimped 0.5m. Need to submit product sample. Bidder must submit the product datasheet.	No.	1	520	
6	Cat6 Patch Cord Factory Crimped 1m. Need to submit product sample. Bidder must submit the product datasheet.	No.	1	530	
7	Cat6 Patch Cord Factory Crimped 3m. Need to submit product sample. Bidder must submit the product datasheet.	No.	1	580	
8	Cat6 Patch Cord Factory Crimped 5m. Need to submit product sample. Bidder must submit the product datasheet.	No.	1	690	



9	19" 1U Power Distribution Unit (PDU) un-managed, C13, 10 ports, 230V, 20A with indicator MCB breaker, 3 Core 4 Sq. mm 1.5 meters sheathed Copper cable with 16A, 3 pin round top plug. Need to submit product sample. Bidder must submit the product datasheet.	No.	1	1200
10	6U, 19" Wallmountable Switch Rack with glass door lock & key, (Width 550 & Depth 600)mm. Need to mention make of product. Bidder must submit the product datasheet.	No.	1	1200
11	12U, 19" Wallmountable Switch Rack with glass door lock & key, (Width 550 & Depth 600)mm. Need to mention make of product. Bidder must submit the product datasheet.	No.	1	1400
12	Fourway socket 10A (Gold Medal)	No.	1	700
13	Three Phase MCB Distribution Board Panel, 1xTPN-63A, 4x3 Ways loaded, C32 MCB, Need to mention make of product.	No.	1	1200
14	AC Power Cable 25 Sq. mm of 4 Core UG Aluminium Cable.	Meter	1	200
15	Installation or wiring of electric power socket line to Switch Rack/Desktop Computer including materials as follows:- Switch Socket Combined 15A, 2.5Sq. mm copper cable & 0.75 Sq. mm green earth wire using conduit/casing capping wiring. Power line should be drawn from existing power socket line /BD. (Required for each switch rack for power switches & network devices).	Point	1	600
16	Supply & Installation of Campus Network from Core Switch using Optic fiber cable 24F ADSS Fiber Cable (Refer Fiber Specs in Annexure I) includes string of cable, physical network diagram with FODP documentation. Need to submit minimum 5 meters of Cable sample. Bidder must submit the product datasheet.	Meter	1	290
17	Supply & Installation of Campus Network from Core Switch using Optic fiber cable 24F Anti Rodent Fiber Cable (Refer Fiber Specs in Annexure II) includes string of cable, physical network diagram with FODP documentation. Need to submit minimum 5 meters of Cable sample. Bidder must submit the product datasheet. Bidder must submit the product datasheet.	Meter	1	310
18	Supply & Installation Campus Network for underground burial:- using Optic fiber cable 24F Armoured (Refer Fiber Specs in Annexure III) includes underground burial minimum 1 feet, physical network diagram with FODP documentation. Need to submit minimum 5 meters of Cable sample.	Meter	1	390

19	Tension clamp set (LT/HT) pole:- Preformed rods /tension clamp diameter. 14.3-15.3mm Span < 150m, Spiral Vibration damper Diameter 14.31-19.3mm, & Down-lead clamp 14.8mm diameter with fitting accessories. (Tension accessories should be Aluminium alloy/Stainless/Hot dip galvanized steel). Need to submit product sample.	Set	1	800
20	Cross Arm Folding type with complete accessories (Cross arm accessories should be Aluminium alloy/Stainless/Hot dip galvanized steel). Need to submit product sample.	Set	1	300
21	Dome Outdoor Optic Fiber Splice Enclosure Heat Shrinkable seal type-I:- Cable entrance 1 port oval type + 4 ports round with Horse shoe clamp to hold cable, Minimum 4 Nos. Splice tray, 12-24 Core per tray, Joint Sleeve 40mm & 60mm packet each per tray, Height 420mm, Diameter 140mm, Enclosure material strengthen Polymer plastic, Pole mounted clamp accessories for stainless (LT/ HT/Telescope). Need to submit product sample. Bidder must submit the product datasheet.	No.	1	400
22	Dome Outdoor Optic Fiber Splice Enclosure Mechanical Seal/Self Locking IP67/68 or for cable diameter 12-14mm, Cable In/Outlet 4 ports round with self locking seal, Splicing tray length 38cm with cable shoe clamp, Minimum 4 Nos. Splice Tray to hold 12-24Core per splice tray, Joint Sleeve 40mm & 60mm packet each per tray, Enclosure material strengthen Polymer plastic, mounted clamp accessories for stainless (LT/ HT/Telescope). Need to submit product sample. Bidder must submit the product datasheet.	No.	1	400
23	1U, 19" rack mount 12 ports FODP:- fully loaded SC/UJC pigtail & SC adaptor, 1 No. Splice tray with Joint Sleeve 40mm & 60mm packet each per tray, FOPD mounting Cage Nut 4 Nos. FODP should be rodent and dust free. Need to submit product sample. Bidder must submit the product datasheet.	No.	1	800
24	1U, 19" rack mount 24 ports FODP:- fully loaded SC/UJC pigtail & SC adaptor, 2 Nos. Splice tray with Joint Sleeve 40mm & 60mm packet each per tray, FOPD mounting Cage Nut 4 Nos. FODP should be rodent and dust free. Need to submit product sample. Bidder must submit the product datasheet.	No.	1	1200
25	1U 19" rack mount 48 ports FODP:- fully loaded SC/UJC pigtail & SC adaptor, 2 Nos. Splice tray with Joint Sleeve 40mm & 60mm packet each per tray, FOPD mounting Cage Nut 4 Nos. FODP should be rodent and dust free. Need to submit product sample. Bidder must submit the product datasheet.	No.	1	1400
Total Price				21,110.00

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[Handwritten signatures and initials]

Lot 4: Supply and installation of LAN campus network is awarded to Palden Enterprise

Contact Details	
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Evaluation Committee Member			
Mr. Pema Dhendup (Chairman).	Mr. Sonam Tshering	Mr. Sonam Dorji	Ms. Sangay Wangmo
Ms. Dema			

