

Tender Inviting Authority: Staff officer (E&M), NK Area, CCL

Name of the Work / Contract No:	Providing Internet connection to KDH Check post, Dakra Check post, KDH WB 05 and VIP via OFC by extending existing network under NK Area	NIT No. GM (NK)/EnM/eNIT/2024-25/198; dated 12.01.2025.
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Category of Services (To Be Selected by Department)	Category of Bidder (To Be Selected by Bidder)
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ITC Available	Works Contract	Bidder's Status (Mandatory)	Total GST(in Rs.)	GST to be Paid By Bidder (in Rs.)	GST to be Paid By CIL/Subsidiary (in Rs.)
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Name of the Bidder/ Bidding Firm / Company :		Select	0.00	0.00	0.00
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PRICE SCHEDULE

(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)

NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder in Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT In Words
1	2	3	4	6	7	8

1	OFC Cable type Stranded loose tube Construction type Un-Armored Subunit type Gel-filled (Thixotropic gel) Moisture barrier Flooding gel (Thixotropic gel) Core wrapping Polyester tape Outer sheath (≥1.8 mm) High density polyethylene, anti -termite, anti -rodent suitable for laying through PLB HDPE duct. Number of fibers/ loose tube 4 Fiber Strength Fiber Reinforced plastic (FRP)rod Fiber Type Single mode Fiber Core Diameter 9 ±0.4 μm Cladding Diameter 125 ±1μm Coating Diameter 250 ±10 μm Effective Group index of Refraction 1.468 at 1310 nm; 1.468 at 1550 nm Fiber cut off wavelength ≤ 1260 nm Overall diameter ≥ 11 mm and ≤ 16 mm (±0.5 mm) Minimum Bend radius 20 X Outer Diameter Tensile Strength ≥ 2500 N Crush resistance ≥2000 N/10cm Weight ≥120 (±10%) Kg/Km Refractive Index Difference 0.36% Polarization mode –dispersion co-efficient <0.5ps/sqkm @1310 nm & 1510 nm Core clad Concentricity ≤ 0.5 μm.	4100.00	Mtr		0.00	INR Zero Only
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2	Simplex Fiber Optic Patch Cord SC - SC	16.00	Nos		0.00	INR Zero Only
3	Splice Closure for Optical FiberCables Armoured and Metal freetype OFC With screws sealing	8.00	Nos		0.00	INR Zero Only
4	Media Converter Auto-Negotiation (802.3u) The media converter supports auto negotiation. The 1000Base-X fiber interface negotiates according to 802.3 clause 37. The 10/100/1000Base-T negotiates according to 802.3 clause 28 and 40. The 1000Base-X will link up with its partner after the highest common denominator (HCD) is reached and the copper has linked up with its partner. The 1000Base-X will continue to cycle through negotiation transmitting a remote fault of offline (provided this is enabled through the switch setting) until the copper is linked up and the HCDs match. The media converter supports auto-negotiation of full duplex, half duplex, remote fault, full duplex pause, asymmetric pause and Auto MDI-X.	8.00	Nos		0.00	INR Zero Only
5	Cat 6 Cable 1 Meter Patch Cord: <u>Technical Specification:</u> Category : 6 UTP Solid cable Conductor : Conductor : 23 AWG (Solid)Conductor Meta : Conductor Meta : Bare Copper Insulation Material : HD-PE OD : 6.1mm ±0.2 Resistance Unbalance : 5% Max Capacitance Unbalance : 330pF/100m Delay Skew : <45nS	16.00	Nos		0.00	INR Zero Only
6	Ethernet LAN PORT Router: <u>Technical Specification:</u> Type of Router WAN No of Gigabit Ethernet (10/100/1000 Base-T) Interface Ports 4; No Of Serial WAN Port 0 Type of 1G SFP a Fiber-Single Mode - 4 no b Fiber-Multi Mode - 2 no c Copper – 4 No 0No of 10G SFP+ Slot (Fiber / Copper) 0 No of v35 WAN Interface 0 No of E1 (G703) WAN Interface 0 Number of Gigabit Ethernet (10/100/1000 Base-T) LAN Ports 4	2.00	Nos		0.00	INR Zero Only
7	Erection/Installation /Cost of above items.	1.00	job		0.00	INR Zero Only
8	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required	8.00	Nos		0.00	INR Zero Only

9	Splicing / jointing of Fiber Optical Cables with splice loss of fiber with MFD 9.3um with fiber of range 8.8 ~ 6.9um, Core Clad Concentricity in today's G652 single mode fiber is <0.5um and offset is in opposite directions (total 1um offset), the contributed loss will be 0.056dB.	12.00	Nos		0.00	INR Zero Only
10	Total impact of GST for the purpose of CTC	1.000	Nos	0.00	0.00	INR Zero Only
Total in Figures					0.00	INR Zero Only
Quoted Rate in Words	INR Zero Only					