

Tender Inviting Authority: Staff officer(E&M), Piparwar Area									
Name of the Work / Contract No:		Extension of Internet / Wifi facility at 1) Piparwar UG Phase-1 Project from Weighbridge 09 of Ashok OCP 2) Officer Club, Bachra from Sangam Vihar and 3) Addition of Wifi at Sangam Vihar under Piparwar Area.			NIT No. : SO(E&T)/PPR/e-NIT/25-26/02				
		Category of Services (To Be Selected by Department)		Category of Bidder (To Be Selected by Bidder)	To Be Entered by Department				
ITC Not 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.)	
Name of the Bidder/ Bidding Firm / Company :				Select	18	0.00	0.00	0.00	
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 #	NUMBER #	TEXT #
Sl. No.	Item Description		Quantity	Units	Estimated Rate (Without Taxes) in Rs. P	BASIC RATE (Without Taxes) 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	5	6	7		8
1	Supply of OFC Cable: Technical Specification: OFC Cable type Stranded loose tube Construction type 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 6 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		4200	Mtrs.	38.13		0.00	INR Zero Only	
2	Simplex Fiber Optic Patch Cord SC-SC 3 mts		8	Nos.	600.00		0.00	INR Zero Only	
3	Supply of Optical joint enclosures (Small & Bamboo types) Suitable for jointing of 12 core Fiber, It shall have easy installation with no special tool required, It shall be with high compressive strength, Chemical resistant, High voltage resistant, Suitable for ribbon and non-ribbon fibers, It supports adapter bulkheads and splitters, Reliable and re-usable sealing gasket, Re-enterable with no re-entry kit needed, No special tool required for installation		4	Nos.	500.00		0.00	INR Zero Only	
4	SFP (802.3u) Data Rates: Technical Specification: SFP modules support data rates ranging from 1000Mb/s, Fiber Types: Single mode, Connectors: LC connectors,Compliance: SFP modules comply with industry standards like MSA (Multi-Source Agreement), G.959.1, and SFF-8472. Operating Temperature: SFP modules have specific operating temperature ranges, with commercial versions typically ranging from 0°C to +70°C, Power Consumption: SFP modules typically have a power consumption of around 1 W. Wavelengths: SFP modules support various wavelengths, including 1310 nm, and 1550 nm, depending on the specific module and application.		6	Nos.	5931.36		0.00	INR Zero Only	
5	4U Rack		3	Nos.	4152.54		0.00	INR Zero Only	
6	Wifi Router 1200N: Technical Specification: Category : Type of Router WAN No of Gigabit Ethernet (10/100/1000 Base-T) interface Ports 4 No Of Serial WAN Port 1 Type of 1G SFP a Fiber-Single Mode - 4 no b Fiber-Multi Mode - 2 no c Copper - 4 No 0 No 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 3		5	Nos.	6778.81		0.00	INR Zero Only	
7	Cat 6 Cable: Technical Specification: 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		300	Mtrs.	42.00		0.00	INR Zero Only	
8	Laying of Armoured OFC item no. 01		4200	Mtrs.	10.00		0.00	INR Zero Only	
9	Laying of Mod-Tap/Standard U/UTP copper cable for 1-100 Mhz signaling and normal operating speed 100 mpbs insuring 67 db attenuation 100 Mhz. The Horizontal distance not more than 90 M with cable running free of tension of 110 N (25lb) and suitable PVC conduit of class B. The conduit bend radius six time the internal diameter.		270	Mtrs.	110.00		0.00	INR Zero Only	
10	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.		10	Nos.	1200.00		0.00	INR Zero Only	
11	Unmanaged Gigabit Switch: Technical Specification: Port Fast Ethernet 8 10/100/1000 Mbps PoE RJ45 port (port 1~port 8): 8 All port. Giga PoE+25FP Storage Temperature 90 degree Celsius Operating Temperature -45 degree Celsius Network Port 8 10/100Mbps PoE RJ45 port (port 1~port 8) Network protocol and standard IEEE 802.3af/at Power over Ethernet		2	Nos.	13983.05		0.00	INR Zero Only	
12	CPOH @15% for the items 1 to 11		1	Nos.	55972.79		0.00	INR Zero Only	
13	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	Nos.	811.00		0.00	INR Zero Only	
14	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							