

# NATIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRAPPALLI - 620 015 DEPARTMENT OF COMPUTER SUPPORT GROUP

NIT-T Reference: NITT/F. No: 018/CAP.EXP.35/2019-20/CSG

Quotation is requested for Annual Rate Contract the following Items in your firm's letter head with seal and sign in the following format.

F: D. f.	D-4
Firms Ref:	Date:

Τo

The Director,
National Institute of Technology,
Tiruchirappalli-620015.
Attention: HoD /CSG

# SUB: RATE CONTRACT FOR SUPPLY OF PASSIVE NETWORKING COMPONENTS, WALLMOUNT RACKS & NETWORKING LABOUR

#### **Terms and Condition:**

- 1. The offers through post or hand delivery should be addressed to "The Head, Computer Support Group, National Institute of Technology, Tiruchirappalli 620015, Tamilnadu, India" and should be sent in a sealed envelope superscribed "QUOTATION RATE CONTRACT FOR SUPPLY OF PASSIVE NETWORKING COMPONENTS, WALLMOUNT RACKS & NETWORKING LABOUR No.: NITT/F. No: 018/CAP.EXP.35/2019-20/CSG" so as to reach us on or before 2:30 p.m. on February 5, 2020. Quotations / bids received after deadline will be rejected summarily.
- <u>Softcopy</u> of the filled in Tender document (provided by NIT-T) in MS-Word format should be provided in a CD/DVD media or USB drive and should be enclosed along with the tender cover (this will be used for preparing comparative statements. Note that scanned copy / handwritten documents / PDF files will not be accepted). If there is any dispute between Hard copy and Soft copy, Hard copy will be taken.
- 3. The quote should also accompany along with a <u>covering letter</u> in your company letterhead with contact information such as contact person name, postal address, email id, and mobile number with signature.
- 4. Delay / loss in postal transit or due to other reasons will not be NIT-T's responsibility.
- 5. Quote should come from OEM or authorized and Certified dealer or distributor or reseller for each of the product quoted. An authorization letter from OEM should accompany your quote, otherwise it may lead to rejection.
- 6. The O.E.M should be ISO Certified for design & Manufacture (ISO 14001 : 2015 & ISO 14001 : 2015 ) and All the Products / Part Codes / Data Sheets should be listed in OEM's Global Web Site.
- 7. All offers should indicate the **NET price (including GST)**.
- 8. NIT-T is eligible for concessional **5% GST using Essentiality Certificate**. Government of India has issued the following two notifications to this effect:
  - 1. Notification No. 45/2017-Central Tax (Rate) dt. 14th November, 2017
  - 2. Notification No. 47/2017-Integrated Tax (Rate) dt. 14th November, 2017
- 9. No revision of the price bid will be allowed once the price bids are opened.

- 10. <u>Price protection</u>: At any later date during the 1-year NIT-T rate contact period if the market price is lower than the approved price, the market price will be applicable. If there is any hike in market price, the quoted price should be applicable.
- 11. Authorized signatory should sign on all the pages. Bids without authorized signatures will be rejected.
- 12. This is a single bid system. Both the technical specification and price bids would be opened at the same time.
- 13. Bidder are free to quote for some Category alone if required. It is not compulsory to quote for all the Category.
- 14. Bidders are free to quote for more than one make / model / brand if required.
- 15. NIT-T Rate contract will be awarded for one year to the category wise Overall L1 for each of the Five sub category namely Fiber accessories, Copper accessories, Wall Rack, Labour, Supply & Labour.
- 16. There is no tender fee or processing fee required for submitting this NIT-T rate contract tender
- 17. The order will be based on the actual requirement at the time of ordering and it may be 1 number or in lots, optional items may also be ordered based on the actual requirements. Not quoting for some of the optional items may result in disqualification for that category of items ordered.
- 18. The National Institute of Technology, Tiruchirappalli reserves the right to accept or reject any quotations, and to cancel the bidding process, and reject all quotations at any time prior to the award of order without assigning any specific reason thereof.
- 19. Liquidated damages: If the bidder/supplier, after accepting the Purchase Order, fails to deliver any or all of the Goods within the period specified in the Order, NIT-T shall, without prejudice to other remedies under the Rules of Purchase, proceed to cancel the order or agree to accept a delayed delivery on the condition of payment of liquidated damages by the bidder / supplier a sum equivalent to 0.50% of the total cost as indicated in the Purchase Order (which will be deemed as agreed price) for each week or part thereof of delay until actual delivery or performance is completed and such penal charges shall be limited to a maximum of 5% of the total cost. Once the maximum is reached NIT-T may proceed on its own to consider the termination / cancellation of the order.
- 20. The supply should be in original OEM's packing. The packing should not be tampered. If tampered or if found duplicate, action will be taken against your firm and your firm's name will be deleted from our suppliers list.
- 21. The invoice / bill should have all the required details like NIT-T Purchase Order (PO) number, Make, Model, Price, Serial number, Warranty, Department name and Contact Person Name.
- 22. All HODs / departments / NIT-T faculty members are empowered to raise the purchase order with your firm and you are requested to supply the same as per this NIT-T rate contract and purchase order.
- 23. Quotation will be **opened on February 5, 2020 at 3:00 PM** at the Store and Purchase Section, NIT, Tiruchirappalli in presence of the tenderers or their representatives who may wish to be present. (Any change in the date, time and venue of the quotation opening will be informed to the bidders through telephone / E-mail)

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#### **ACCEPTANCE & CERTIFICATION**

We accept the above terms and conditions and shall comply with them strictly.

NAME OF THE BIDDER:		
POSTAL ADDRESS:		
MOBILE:	EMAIL ID:	

### FIBER COMPONENTS

SI. #.	DESCRIPTION	MOU	Make & Model / PART #	NET PRICE (Incl. GST) (Rs.)
	Fiber Cables			
1.	Outdoor Single Mode OS2 Fibre (6 core) 1500N Tensile Strength, 2000N Crush Resistance and OD 9mm {O.F. Cable 06F Loose Tube (Unitube) Type CSTA SM}	MTR		
2.	Outdoor Single Mode OS2 Fibre (12 core) 1500N Tensile Strength, 2000N Crush Resistance and OD 9mm {O.F. Cable 12F Loose Tube (Unitube) Type CSTA SM}	MTR		
3.	Outdoor Single Mode OS2 Fibre (24 core) 3500N Tensile Strength, 4400N Crush Resistance and OD 9mm {O.F.Cable 24F Loose Tube (Multi tube) Outdoor Steel Tape Armored SM}	MTR		
4.	Internal/Duct Grade Premise Cable Indoor Single Mode Fibre (6 core){O.F. Cable 6F Indoor/ Outdoor duct cable SM}	MTR		
	Fiber Enclosures			
5.	Rack Mount Enclosure (Size 1U Sliding Drawer UNLOADED)  12 Port LIU with cable spool and Splice Protectors	NOS		
6.	Rack Mount Enclosure (Size 1U Sliding Drawer, UNLOADED) 24 Port LIU with cable spool and Splice Protectors	NOS		
7.	Wall Mount Enclosure 12 Port LIU (UNLOADED) with cable spool and Splice Protectors	NOS		
8.	Wall Mount Enclosure 24 Port LIU (UNLOADED) with cable spool and Splice Protectors	NOS		
9.	SC-SC Duplex Couplers (Compactable to Line Item 5-8)	NOS		
10.	Adapter Panel / Name Panel with 3 no SC-SC Duplex Coupler) (Compactable to Line Item 5-8)	NOS		
11.	Adapter Panel / Name Panel (Provision to populate Minimum 3 SC-SC Duplex Coupler) (Compactable to Line Item 5-8)	NOS		
	Fiber Pigtail Cords (Only Simplex)			
12.	SC Simplex Pigtail single mode, OS2 bending insensitivity (G.657 A2), LSZH ,1.5 mtrs. 900µm tight buffered fiber, 900 micron (one SC connector on one end and open on the other end) – 9/125µm – 1 Mtr {PIGTAIL SC SM SIMPLEX LENGTH}	NOS		

The above quoted prices are *inclusive of* \_\_\_\_\_\_ % *GST* (And are NET Price only).

### **FIBER COMPONENTS**

SI. #.	DESCRIPTION	MOU	Make & Model / PART #	NET PRICE (Incl. GST) (Rs.)
	Fiber Patch Cords (Only Duplex)			
13.	SC - SC single mode Duplex patch cord, OS2 bending insensitivity (G.657 A2) ,LSZH 3mm jacketed cable (Two SC connector on each end) – 9/125µm. – 1 Mtr {PATCH CORD SC-SC SM DUPLEX LENGTH}	NOS		
14.	SC - SC single mode Duplex patch cord, OS2 bending insensitivity (G.657 A2) ,LSZH 3mm jacketed cable (Two SC connector on each end) – 9/125µm. – 2 Mtr {PATCH CORD SC-SC SM DUPLEX LENGTH}	NOS		
15.	SC - SC single mode Duplex patch cord, OS2 bending insensitivity (G.657 A2) ,LSZH 3mm jacketed cable (Two SC connector on each end) – 9/125µm. – 3 Mtr {PATCH CORD SC-SC SM DUPLEX LENGTH}	NOS		
16.	SC - SC single mode Duplex patch cord, OS2 bending insensitivity (G.657 A2) ,LSZH 3mm jacketed cable (Two SC connector on each end) – 9/125µm. – 5 Mtr {PATCH CORD SC-SC SM DUPLEX LENGTH}	NOS		
17.	SC - LC single mode Duplex patch cord, OS2 bending insensitivity (G.657 A2) ,LSZH 1.6mm jacketed cable (Two SC connector on one end and one LC connector on the other end) – 9/125µm. – 1 Mtr{PATCH CORD LC-SC SM DUPLEX LENGTH}	NOS		
18.	SC - LC single mode Duplex patch cord, OS2 bending insensitivity (G.657 A2) ,LSZH 1.6mm jacketed cable (Two SC connector on one end and one LC connector on the other end) – 9/125µm. – 2 Mtr {PATCH CORD LC-SC SM DUPLEX LENGTH}	NOS		
19.	SC - LC single mode Duplex patch cord, OS2 bending insensitivity (G.657 A2) ,LSZH, 1.6mm jacketed cable (Two SC connector on Two end and one LC connector on the other end) – 9/125µm. – 3 Mtr {PATCH CORD LC-SC SM DUPLEX LENGTH}	NOS		

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### FIBER COMPONENTS

SI. #.	DESCRIPTION	MOU	Make & Model / PART #	NET PRICE (Incl. GST) (Rs.)
	Fiber Patch Cords (Only Duplex)			
20.	SC - LC single mode Duplex patch cord, OS2 bending insensitivity (G.657 A2) ,LSZH 1.6mm jacketed cable (Two SC connector on one end and Two LC connector on the other end) – 9/125µm. – 5 Mtr {PATCH CORD LC-SC SM DUPLEX LENGTH}	NOS		
21.	LC - LC single mode Duplex patch cord, OS2 bending insensitivity (G.657 A2) ,LSZH 1.6mm jacketed cable (Two LC connector on each end) – 9/125µm. – 1 Mtr {PATCH CORD LC-LC SM DUPLEX LENGTH}	NOS		
22.	LC - LC single mode Duplex patch cord, OS2 bending insensitivity (G.657 A2) ,LSZH 1.6mm jacketed cable (Two LC connector on each end) – 9/125µm. – 2 Mtr {PATCH CORD LC-LC SM DUPLEX LENGTH}	NOS		
23.	LC - LC single mode Duplex patch cord, OS2 bending insensitivity (G.657 A2) ,LSZH 1.6mm jacketed cable (Two LC connector on each end) – 9/125µm. – 3 Mtr {PATCH CORD LC-LC SM DUPLEX LENGTH}	NOS		
24.	LC - LC single mode Duplex patch cord, OS2 bending insensitivity (G.657 A2) ,LSZH 1.6mm jacketed cable (Two LC connector on each end) – 9/125µm. – 5 Mtr {PATCH CORD LC-LC SM DUPLEX LENGTH}	NOS		

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## **COPPER COMPONENTS**

SI. No.	DESCRIPTION	MOU	Make & Model / PART #	NET PRICE (Incl. GST) (Rs.)
	Copper Cables (Box)			( / ( - /
1.	CAT6A as per EIA / TIA CAT 6A channel performance (Box of 500 Meters) {Solid Cable Cat 6A, 4 pair 23 AWG, solid copper LSZH, U/FTP - Box of 500m}	вох		
2.	STP (Shielded Twisted Pair) CAT6 as per EIA / TIA CAT 6 channel performance (Box of 305 Meters) {Solid Cable Cat 6, 4 pair 23 AWG, solid copper LSZH, SFTP - Box of 305m}	вох		
3.	UTP CAT6 as per EIA / TIA CAT 6 channel performance (Box of 305 M){Solid Cable Cat 6, 4 pair, 23 AWG LSZH ETL tested up to 650 MHz UTP - Box of 305m}	вох		
	Copper Terminals			
4.	Single Port Face Plate (85 mm x 85 mm) with CAT6 Information Outlet	NOS		
5.	Dual Port Face Plate (85 mm x 85 mm) with CAT6 Information Outlet	NOS		
6.	CAT6 Information Outlet (Compatibility for the below mentioned Face Plate) {Cat 6 Keystone UTP Jack with Dust Cover-White}	NOS		
7.	CAT6A STP Information Outlet (Compatibility for the above mentioned Face Plate)	NOS		
8.	Single Port Face Plate (85 mm x 85 mm)Face Plate - Single with Shutter	NOS		
9.	Dual Port Face Plate (85 mm x 85 mm)Face Plate - Dual with Shutter	NOS		
10.	Surface Mount Box (85 mm x 85 mm x 40 mm) / Open Box White color {BACK BOX -(Surface Mount Box) For Single and Dual}	NOS		

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## **COPPER COMPONENTS**

SI. No.	DESCRIPTION	MOU	Make & Model / PART #	NET PRICE (Incl. GST) (Rs.)
11.	24 Port CAT6A -STP Patch Panel 1U Patch Panel Cat 6A STP JACK -24 Port- Loaded with CRS metal, rear cable manger	NOS		
12.	24 Port CAT6 Patch Panel 1U Patch Panel Cat 6 UTP Keystone -24 Port- Loaded with CRS metal, rear cable manger	NOS		
13.	48 Port CAT6 Patch Panel 2U Patch Panel Cat 6 UTP Keystone -48 Port- Loaded with CRS metal, rear cable manger	NOS		
	Copper Patch Cords (Moulded)			
14.	<b>0.5 Meter</b> CAT 6 UTP 24 AWG stranded copper LSZH Patch Cable / Cord – <b>Moulded</b>	NOS		
15.	Meter CAT 6 UTP 24 AWG stranded copper LSZH Patch Cable / Cord – Moulded	NOS		
1 1h	Meter CAT 6 UTP 24 AWG stranded copper LSZH Patch Cable / Cord – Moulded	NOS		
17.	3 Meter CAT 6 UTP 24 AWG stranded copper LSZH Patch Cable / Cord – Moulded	NOS		
18.	<b>4 Meter</b> CAT 6 UTP 24 AWG stranded copper LSZH LSZH Patch Cable / Cord – <b>Moulded</b>	NOS		
19.	<b>5 Meter</b> CAT 6 UTP 24 AWG stranded copper LSZH LSZH Patch Cable / Cord – <b>Moulded</b>	NOS		
20.	6 Meter CAT 6 UTP 24 AWG stranded copper LSZH LSZH Patch Cable / Cord – Moulded	NOS		
21.	For Additional Meter beyond 6 Meters (CAT 6 U/FTP 24 AWG stranded copper LSZH Patch Cable / Cord – <i>Moulded</i> )	MTR		
22.	RJ 45 Connector for UTP RJ45 Cat 5e/6 Plug – 1 Box (100 numbers in one box)	NOS		
23.	RJ 45 Connector for UTP RJ45 CAT 6A Plug – 1 Box (100 numbers in one box)	NOS		
24.	RJ 45 Connector for STP (Compactable to Line Item 21) RJ45 CAT 5e/6 Plug – 1 Box (100 numbers in one box)	NOS		

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### **WALL MOUNT RACK WITH ACCESSORIES**

SI. No.	DESCRIPTION	MOU	NET PRICE (Incl. GST) (Rs.)
Supply o	of Wall Mount Racks		
1.	Height 6U Wall Mount Rack Cabinet [Two Sections] – Glass Door trims powder coated, (Width: 550mm, Depth: 600mm & depth of the rack should not be compromised), AC Power Distribution (5 Nos of 6 Amps socket), front panel mounting hardware.	Number	
2.	Height 9U Wall Mount Rack Cabinet [Two Sections] – Glass Door trims powder coated, (Width: 550mm, Depth: 600mm & depth of the rack should not be compromised), AC Power Distribution (5 Nos of 6 Amps socket), front panel mounting hardware.	Number	
3.	Height 12U Wall Mount Rack Cabinet [ Two Sections]  – Glass Door trims powder coated, (Width: 550mm,  Depth: 600mm & depth of the rack should not be  compromised), AC Power Distribution (5 Nos of 6  Amps socket), front panel mounting hardware.	Number	

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#### **LABOUR**

SI. No.	DESCRIPTION	MOU	NET PRICE (Incl. GST) (Rs.)
	Installation / Labour Charges [Fiber Optic Cable Laying]		
1.	<b>Digging of Hard soil</b> by manual labour (Spec: 3 feet Depth and 1 foot width) and refilling of trenches.	Meter	
2.	<b>Digging of Soft soil</b> by manual labour (Spec: 3 feet Depth and 1 foot width) and refilling of trenches.	Meter	
3.	HDPE Pipe Laying (HDPE Pipe will be provided by NIT-T)	Meter	
4.	Fiber Cable Laying (inserting the cable in HDPE pipe)	Meter	
5.	Fiber Cable Laying (laying the Fiber cable in the existing concreted cable trench. Works involves opening & closing the existing concrete slabs)	Meter	
6.	Fixing of RCC Semi Circular Slab  (after Fiber cable laying. RCC Semi Circular Slab will be provided by NIT-T)	Number	
7.	Laying of polyethylene Warning Tape in the level of 9 inches' depth from the ground. (Warning Tape will be provided by NIT-T)	Meter	
8.	Fixing of RCC Route Marker (after cable and warning tape laying) RCC Route Marker will be provided by NIT-T"	Number	
9.	Indoor / Outdoor Fiber Laying (the Fiber cable in the existing PVC Pipe/ duct available at NIT-T)	Meter	
10.	Indoor / Outdoor Fiber Laying (the Fiber cable in the New PVC Pipe/ duct available at NIT-T)	Meter	
11.	Termination (per fiber) Splicing Fibers	Core	
12.	Fixing of LIUs	Number	
13.	Testing and Report, Labelling & Documentation (per link)	Core	

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#### **LABOUR**

SI. No.	DESCRIPTION	MOU	NET PRICE (Incl. GST) (Rs.)
	Materials should be supplied by Vendor) And Installation / Labour C tic Cable Laying]	charges	
14.	Supply and Laying of 1" HDPE Pipe	Meter	
15.	Supply of Plastic couplers for 1" HDPE Pipe	Number	
16.	Supply of End Cap for 1" HDPE Pipe	Number	
17.	Supply and Fixing of RCC Semi Circular Slab (after fiber cable laying -RCC Semi Circular Slab size is 4" width x 36" length x 1" thickness- this to be supplied by Contractor)	Number	
18.	<b>Supply and Laying of Polyethylene Warning Tape</b> (size is 9"- after Fiber cable laying – Micron is as per Govt. Specified regulation)	Meter	
19.	<b>Supply and Fixing of RCC Route Marker</b> (after cable laying) RCC Route Marker of size 4" length x 4" breath x 24" height and with engrave "CSG/NIT" have to be supplied by Contractor.	Number	
20.	Indoor Fiber Laying (with Supply of PVC Pipe Size 1" to lay two numbers of Indoor Fiber Cable)	Meter	
21.	Indoor Fiber Laying (with Supply of PVC Pipe Size 3/4" to lay one number Indoor Fiber Cable)	Meter	
22.	Supply of Fiber Optics Joint Enclosure (Cylinder type 48 core, 4 Way)	Number	
23.	Supply of Fiber Optics Joint Enclosure (Cylinder type 24 core, 2 Way)	Number	

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#### **LABOUR**

SI. No.	DESCRIPTION	MOU	NET PRICE (Incl. GST) (Rs.)
Installati	on / Labour Charges [Copper / Ethernet], Etc		
24.	Fixing of PVC Pipe (PVC material will be provided by NIT-T)	Meter	
25.	Fixing of PVC Casing and Capping (Casing and Capping will be provided by NIT-T)	Meter	
26.	Wall Mount Rack Fixing	Number	
27.	CAT6 Cable Laying	Meter	
28.	CAT6 Cable Laying	Box (305 meter)	
29.	Surface Mount Box (I/O Back Box) Fixing with Face Plate	Number	
30.	Termination of CAT 6 cable in I/O at user end	Number	
31.	Patch / Jack Panel fixing and termination of CAT 6 cable in Patch / Jack Panel (24 Ports)	Number	
32.	Documentation of ports in both Patch / Jack Panel side and I/O side.	Number	
33.	Revamping of Network Cables in existing Network Racks. Includes: organizing of patch cable, documentation and testing (24 Ports Patch / Jack Panel)	Number	
34.	Termination of RJ-45 Connector	Number	

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#### **LABOUR**

SI. No.	DESCRIPTION	MOU	NET PRICE (Incl. GST) (Rs.)
Installati	Installation / Labour Charges Camera & WiFi (AP)		
35.	CCTV Surveillance Camera installation (Indoor Dome) in the ceiling	Number	
36.	CCTV Surveillance Camera installation (Outdoor / PTZ) on the wall	Number	
37.	CCTV Surveillance Camera installation (Outdoor) in a 12 feet steel pole which has to be laid at a depth of 2 feet and filled with concrete for 1' x 1' x 1' ("Materials will be provided by NIT-T")	Number	
38.	CCTV Surveillance Camera installation (Outdoor) in 12 feet steel pole which has to be fixed at a depth of 2 feet and filled with concrete for 1' x 1' x 1' ("with the Supply of required Materials by contractor")	Number	
39.	CAT6 Cable Laying in open (ariel) with Stay Wires along with the Power Connection for Outdoor Surveillance Camera. (Required materials have to be provided by contractor)	Meter	
40.	Fixing of Wireless Access Point with proper mounting kit on Wall ("Materials will be provided by NIT-T")	Number	
41.	Fixing of Wireless Access Point with proper mounting kit on Ceiling ("Materials will be provided by NIT-T")	Number	

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# **SUPPLY & LABOUR**

SI. No.	DESCRIPTION	MOU	NET PRICE (Incl. GST) (Rs.)
Supply (Materials should be supplied by Vendor) And Installation / Labour Charges [Copper / Ethernet], Etc			
1.	Supply and Fixing of PVC Pipe (Pipe Size 3/4")	Length (3 Meters)	
2.	Supply and Fixing of PVC Pipe (Pipe Size 1")	Length (3 Meters)	
3.	Supply and Fixing of PVC Bend (Pipe Size 3/4")	Number	
4.	Supply and Fixing of PVC Bend (Pipe Size 1")	Number	
5.	Supply and Fixing of PVC Casing and Capping (Casing and Capping of Size 1")	Length (2 Meters)	
6.	Supply and Fixing of PVC Casing and Capping (Casing and Capping of Size 1 ½")	Length (2 Meters)	
7.	Supply and Fixing of PVC Casing and Capping (Casing and Capping of Size 2")	Length (2 Meters)	
8.	Supply and Fixing of 50 mm x 100 mm PVC CMS Trunking	Length (2 Meters)	
9.	Supply and Fixing of 50 mm x 50 mm PVC CMS Trunking	Length (2 Meters)	
10.	Supply and Fixing of 25 mm x25 mm CMS Mini Trunking	Length (2 Meters)	
11.	Supply and Fixing of ¾" PVC Poly Air Flexible Air Duct Hose	Meter	
12.	Supply and Fixing of 1" PVC Poly Flexible Air Duct Hose	Meter	
13.	Supply and Fixing of ¾" PVC GI Flexible Duct Hose	Meter	
14.	Supply and Fixing of 1" PVC GI Flexible Duct Hose	Meter	

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# **SUPPLY & LABOUR**

SI. No.	DESCRIPTION	NET PRICE (Incl. GST) (Rs.)
Supply [Coppe		
1.	Service charges for structured cabling work per port (includes supplying and fixing of proper PVC channel, CAT 6 cable laying, SMB fixing, Patch Panel fixing, Wall mount rack fixing, termination of CAT 6 cable in IO + Patch panel and documentation)  Note: A single network port (CAT 6 cable) may have a length of 5 meter to 20 meter.	
2.	Service charges for structured cabling work per port (includes supplying and fixing of proper PVC channel, CAT 6 cable laying, SMB fixing, Patch Panel fixing, Wall mount rack fixing, termination of CAT 6 cable in IO + Patch panel and documentation)  Note: A single network port (CAT 6 cable) may have a length of 21 meter to 40 meter.	
3.	Service charges for structured cabling work per port (includes supplying and fixing of proper PVC channel, CAT 6 cable laying, SMB fixing, Patch Panel fixing, Wall mount rack fixing, termination of CAT 6 cable in IO + Patch panel and documentation)  Note: A single network port (CAT 6 cable) may have a length of 41 meter to 60 meter.	
4.	Service charges for structured cabling work per port (includes supplying and fixing of proper PVC channel, CAT 6 cable laying, SMB fixing, Patch Panel fixing, Wall mount rack fixing, termination of CAT 6 cable in IO + Patch panel and documentation)  Note: A single network port (CAT 6 cable) may have a length of 61 meter to 80 meter.	

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