

**INDIAN INSTITUTE OF TECHNOLOGY MADRAS  
STORES AND PURCHASE SECTION**

No. S&P/SNC/RC/2017/SPL

Dated 17.08.2017

**CIRCULAR**

**Sub: Rate contract for Structured Network Cabling [SNC]- Reg**

It is informed that the Institute has entered into Rate Contract for Structured Network Cabling (Annexure) with **M/s. Frontier Business System Pvt Ltd, Chennai** for a period of one year from **01.08.17 to 31.07.18**.

Please find enclosed herewith the exact specification furnished by the Firm[Annexure]. It is also informed that the details of Rate contract are also available on our ice website internet ID-<https://eservices.iitm.ac.in/fsportal> (under Employee Links/Document (Grouped)/Rate contract. Necessary purchase schedule may please be prepared as per the specifications given by the Firm at Annexure.

The prices given in the list are firm. No price revision, changes in the specification already given or changes in the terms etc. during the Rate contract period is acceptable. In case of any reduction in the prices of materials the same amount of reduction in prices should be extended to the institute by the supplier. The company may be informed to furnish necessary certificate in the invoice itself regarding the present market price before recommending for payment.

The Head of Department/Centres/Sections/Project coordinators are requested to send necessary purchase schedule and processing note **to the Chairman, Computer Centre for scrutiny and clearance. For institute Building cabling/Electric Wiring the Chairman(Engineering Unit)'s approval/permission is also required.**

After clearance by The Chairman, Computer Centre and Chairman (Engg. Unit), Purchase orders will be directly issued by the concerned Heads of Departments/Centres/Project coordinators, Upto the value of Rs. 2,00,000/- per order under the financial power vested with them as per the revised procedure implemented vide circular No. SPS/2013/FINLIM/SPL dated 24.07.13 and all other circulars already issued in this regard.

For indents more than Rs.2,00,000/- the Heads of Department/Centres/Sections/Project coordinators are requested to send the necessary purchase schedule and processing Note after getting clearance from Chairman CC/Chairman (Engineering Unit) to the stores & purchase section in respect of Departmental Grants and special Grants and Project Purchase section in respect of sponsored projects, modernization Grants, PCF and consultancy projects along with copy of circular and annexure for further processing and releasing of purchase order. Users must ensure whether the materials supplied are the original one before recommending for payment.

**Deputy Registrar (S & P)**

**Encl. as above:**

**To**

**All Heads of Depts/Centres/Sections**

**With a request to circulate among the faculty members of their respective Depts/ Centres.**

**CC: All Deans/ Registrar/Director – For favour of information please.**

**Specifications of Structured Network Cabling**

<b>S. No.</b>	<b>Description</b>	<b>Unit</b>	<b>Brand</b>	<b>HSN code</b>	<b>Unit Price</b>	<b>GST %</b>	<b>Nett Price</b>
<b>I</b>	<b>UTP Materials</b>						
1	Cat6 Cable (4 Pair, 23 AWG Solid copper Conductor with FR Grade,Printed Meter Marking) Supply & installation	Meter	Molex	85444999	26.67	28%	<b>34.00</b>
2	Cat6 I/O with Dust Cover to cover RJ45 Interface	Each	Molex	85369090	188.57	28%	<b>241.00</b>
3	SMB & Faceplate Made of PS /ABS Rugged Plastic Supply & installation	Each	Molex	39269099	96.94	28%	<b>124.00</b>
4	24 Port Jack Panel with Rear Metal Cable Manager, transparent clear Label cover Supply & installation	Each	Molex	85389000	5151.97	28%	<b>6595.00</b>
5	Cat6 (4 Pair, 24 AWG Standard Copper) Patch Cord – 2 Mtrs	Each	Molex	85444292	152.38	28%	<b>195.00</b>
6	Cat6 ( 4 Pair, 24 AWG standard copper) Patch Cord – 1 Mtrs	Each	Molex	85444292	145.71	28%	<b>187.00</b>
7	RJ45 Connector(Cat6 ) Supply and Crimping	Each	Molex	8536	29.52	28%	<b>38.00</b>
8	Cat6 STP ( 4 pair 23 AWG Solid Copper with FR Grade, Printed Meter Marking ) Cable Supply & installation	Meter	Molex	85444999	36.19	28%	<b>46.00</b>
<b>II</b>	<b>Fiber Materials</b>						

1	6 Core SM 9/125 micron Loose Tube armored, Corrugated Steel Tape Armour thickness > 0.15mm, two steel Gi wire for strength outdoor Fiber Cable Supply & installation	Meter	Molex	90011000	60	18%	<b>71.00</b>
2	12 Core SM 9/125 micron Loose Tube armored, Corrugated Steel Tape Armour thickness > 0.15mm, two steel Gi wire for strength outdoor Fiber Cable Supply & installation	Meter	Molex	90011000	71.429	18%	<b>84.00</b>
3	24 Core SM 9/125 micron Loose Tube armored, Corrugated Steel Tape Armour thickness > 0.15mm, FRP Rod for strength outdoor Fiber Cable Supply & installation	Meter	Molex	90011000	111.43	18%	<b>131.00</b>
4	6 Core SM Indoor Fiber Cable Supply & installation	Meter	Molex	90011000	51.42	18%	<b>61.00</b>
5	12 Core SM Indoor Fiber Cable Supply & installation	Meter	Molex	90011000	80.95	18%	<b>96.00</b>
6	24 Core SM Indoor Fiber Cable Supply & installation	Meter	Molex	90011000	116.19	18%	<b>137.00</b>
7	SC - SC Single Mode OFC Patch cord, 9/125 Micron – 3 Mtrs	Each	Molex	85447090	1600	18%	<b>1888.00</b>
8	SC - LC Single Mode OFC Patch cord, 9/125 Micron – 3 Mtrs	Each	Molex	85447090	1736.2	18%	<b>2049.00</b>

9	SC Splicing	Each	Labor	998739	396.52	18%	<b>468.00</b>
10	USO SC Adapter with Bezels SM	Each	Molex	85389000	501.9	28%	<b>642.00</b>
11	SC Connectors - SM (Pigtail)	Each	Molex	85447090	380	18%	<b>448.00</b>
12	12 Port LIU Rack Mount, Fully Powder Coated Steel Body, Labelling, Metal Fiber Patch cord cover, Adapter Plate with SC or LC duplex type coupler Supply & installation	Each	Molex	85371000	4747.6	18%	<b>5602.00</b>
13	24 Port LIU Rack Mount, Fully Powder Coated Steel Body, Labelling, Metal Fiber Patch cord cover, Adapter Plate with SC or LC duplex type coupler Supply & installation	Each	Molex	85371000	5747.6	18%	<b>6782.00</b>
14	24 fiber splice Holder, support 45 mm and 61mm Splice protector, ABS halogen free Material, Base with self adhesive Pads of securing on a Flat surface and a lid	Each	Molex	39269099	3200	28%	<b>4096.00</b>
S. No.			Brand				
	<b>Description</b>	<b>Unit</b>					
15	Waterproof fiber optic splice enclosure box made of high quality ABS materials, 4 cable entry port, 96 cores capacity, Scope for Straight / branch joints, Resistant to chemical and corrosive atmosphere, Water and Air	Each	OEM	85389000	3200	18%	<b>3776.00</b>

	Proof, Easy re-entry and closing with mechanical Plastic Clamp.						
<b>III</b>	<b>Implementation materials supply and installation</b>						
1	PVC Channel – 1”	Meter	Modi	3916	41.92	18%	<b>49.00</b>
2	PVC Pipe – 1”	Meter	Modi	3917	40.95	18%	<b>48.00</b>
3	PVC Channel – 1.5”	Meter	Modi	3916	51.52	18%	<b>61.00</b>
4	PVC Pipe – 1.5”	Meter	Modi	3917	48.57	18%	<b>57.00</b>
5	PVC Channel – 2”	Meter	Modi	3916	82.1	18%	<b>97.00</b>
6	PVC Pipe – 2”	Meter	Modi	3917	76.19	18%	<b>90.0</b>
7	HDPE Pipe – 1”	Meter	Komath/ OEM	3917	45.71	18%	<b>54.00</b>
8	HDPE Pipe – 1.5”	Meter	Komath/ OEM	3917	61.9	18%	<b>73.00</b>
9	HDPE Pipe – 2”	Meter	Komath/ OEM	3917	73.33	18%	<b>87.00</b>
10	4U Rack + 2 Fan + 1 Cable Manager +1 Power Strip	Each	Valrack	8473	4048	18%	<b>4777.00</b>
11	6U Rack + 2 Fan + 1 Cable Manager +1 Power Strip	Each	Valrack	8473	5632.31	18%	<b>6646.00</b>
12	9U Rack + 2 Fan + 1 Cable Manager +1 Power Strip	Each	Valrack	8473	7048	18%	<b>8317.00</b>
13	12U Rack + 2 Fan + 1 Cable Manager +1 Power Strip	Each	Valrack	8473	7000	18%	<b>8260</b>
<b>IV</b>	<b>Excavation of Cable Trench 3 feet’s depth, Brick &amp; soft soil refilling</b>	Meter		998739	273.04	18%	<b>322.00</b>

<b><u>Common Terms &amp; Conditions</u></b>	
1.	<b>Price</b> : Inclusive of Taxes
2.	<b>Payment</b> : On satisfactory completion work and on actual supply and measurement. [The vendor must submit wiring diagram after completion of work for payment] Both Soft & Hard copy
3.	<b>Delivery</b> : Immediate
4.	<b>Warranty</b> : 1 Year
5.	UTP materials should conform with technical standards
6.	End-to-end UTP accessories [Jack panel cable i/o & patch cord recommended uniformly same brand]

7.	RJ45 connector should be from AMP OR equivalent
8.	PVC products should be from Modi's brand or equivalent with a minimum thickness of 1.00mm for both casing and capping with proper locking
9.	Rack should be from Val rack brand only
10.	If needed, spec verification will be done on sample before placing order
11.	Supply & Installation should be carried out by professionals (Should be certified cable installer)
12.	Technical clearance must be obtained from computer centre

After completion of work the bill will be initially certified by department and then the same to be forwarded to CC for checking & certification. Then the certified bills will be sent to Accts/Main Stores/Project stores for making payment.

Sl. No.	Name of the Company & order to be placed	Contact Person
1	<b>M/s. Frontier Business Systems Pvt. Ltd</b> Wood Head Center No.23, Sivaganga Road, Nungambakkam Chennai – 600 034 E-mail : <a href="mailto:lovely@frontier.in">lovely@frontier.in</a>	<b>Ms. A. Lovely</b> Mob# 90030 74439

**Deputy Registrar (S&P)**