



REQUEST FOR EXPRESSION OF INTEREST (REOI)

Category of items: Lan Cabling

Date of the REOI: 11.07.18

Closing Date for receipt of EOI/Site Visit: 25/July/2018

Reference: EOI/AFG/18/01

Address: rabbani@unfpa.org

Description of requirements:

UNFPA is inviting Expressions of Interest (EOIs) and site visit from eligible suppliers in respect to the provision of a full range of Lan Cabling on 25 July 2018. Those who are interested to participate in site visit on above stipulated date/time, kindly confirm and provide the below information on 24 July 2018, at 9:00 AM by email to rabbani@unfpa.org, in order to enable us to get access to enter the compound.

Participator Name:

National ID/Passport Number:

LAN Cabling Services

General Information

UNFPA Country Office in Afghanistan located at UNOCA compound in Jalalabad road Kabul, UNFPA office is in process to renew the existing network cabling voice/data by installing CAT 6-A drops and network switches where is needed. In order to provide better support network services to our staff members to run and implement the program smoothly and achieve the goals.

No	Description	Units	QTY	Remarks
1	Complete unit of dual outlet faceplates module CAT 6-A, jack type RJ45 socket with back box	Box	120	
2	Ethernet Patch Panel CAT 6-A modular 24 ports	Each	12	
3	Cable manger 1U black with cap	Each	12	
4	42U Rack black color	Each	1	
5	6U wall mount Cabinet	Each	2	
6	Ethernet Patch cord 0.5 meter CAT 6-A	Each	240	

7	UPS 5 kVA rack mountable with rails	Each	2	
8	Ethernet SSTP CAT 6-A Cable 100% copper	Box	0	The total number of boxes will be calculated after site survey.
9	Duct 40x80mm original Taiwan	Each	0	The total number of duct will be calculated after site survey.
10	Duct 40x40mm original Taiwan	Each	0	The total number of duct will be calculated after site survey.
11	PVC Flexible Pipe 6 inches, Gray color	Each	0	The pipe length will be calculated after site survey.
12	Ceiling mounted metal cable tray	Each	0	The total number of ceiling tray will be calculated after site survey.
13	Installation, Labeling, Testing and Remove old network wiring	Each	240	
14	Estimate Total cost			
15	Note: the estimate cost for cable and duct will be 6000			
16	Estimate Total cost			

Item No 1: Faceplate

Angled Modular (British Style) Faceplates 2 port

Key Features:

- Allow easy circuit identification using the Infilink labeling
- Protective spring dust cover
- Wall mounted
- Face Plate, 86 x 86
- UK Style
- Double Port
- Angled
- Shuttered
- Modular



Item No 2: Patch Panel

24 Port Cat 6-A Patch Panel UTR RJ-45

Key Features:

- Current Rating: 1.5 Amps
- Insulation Resistance 500 Mega-Ohm minimum
- Contact Resistance 20 Mili-Ohm Maximum
- Transmission performance 100/1000/10000 Mbps
- Allow easy circuit identification using the Infilink labeling
- Crowns to Circuit protection
- In full compliance with T568B, CAT6 Performance Standards
- Fits to any Standard 19" rack



Item No 3: Cable Manger:

Cable Manger:

Key Features:

- Managing patch cords and cables in your networking rack and cabinet set-up
- 19" cable manager
- 1 U rack mount
- Metal Infilink Material
- Black color



Item No 4: Rack 42U

Rack 42U Technical Specifications:

- Height 78.7" (1999mm)
- Width 23.8" (605mm)
- Depth 42.1" (1070mm)
- Weight 298 lbs (135 kg)
- PowerEdge 4220 42U
- Static load rating of 2,500 lbs for 42U
- Large open base for cable entry and exit

- Rack-top cable exits with adjustable, sliding door and removable tail bar
- Reversible front door can be configured to open from left or right, with lock
- Dual rear doors with lock (same key as front door)
- Split side panels, with locks (same key as doors)
- Removable front and rear doors have an 80% open perforation pattern to aid in thermal management
- Reinforced frame for stability
- Adjustable square-hole EIA mounting posts can be positioned forward or backward within the rack
- U-space numerical markings on both front and rear mounting posts
- Rear-mount vertical PDU trays
- Rotating rear casters to easily position rack
- Easily accessible leveling feet
- Black with aluminum accents



Front



Rear



Frame

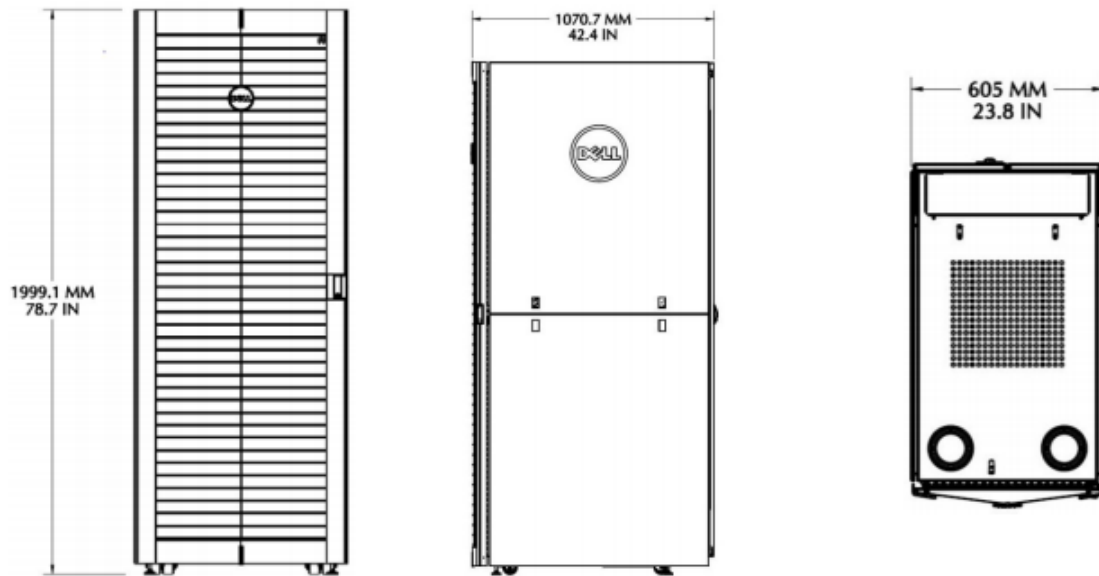


Figure 18. External dimensions – 4220 rack enclosure

Item No 5: 6U Wall Cabinet

6U Fixed wall mount cabinet

- Includes one locking tempered glass door
- Locking side panels LINIER Fixed
- 250 lb. weight capacity
- One set of cage nut style mounting rails
- Mounting depth: 22.50"



Item No 6: Patch Cord

CAT 6-A High Performance Patch Cord:

Key Features:

- Category 6-A standard
- 4-pair Infilink solid CAT 6-A
- 1000 Base –TX (Gigabit Ethernet compliant)
- ISO-11801, EIA/TIA 568B, EN50173 Compliant
- Rated Voltage 30 V
- Rated Current 1.5 Amps
- Insulation Resistance 500 Mega-Ohm minimum
- Contact Resistance 20 Milli-Ohm maximum
- Transmission Performance 500 Mbps
- Insulation Resistance 500 Mega-Ohm minimum
- Cable length 0.5 meter
- Jacket PVC
- Colors Black / Blue / Orange / Yellow / Gray



Item No 7: UPS 5kVA Rack mountable

UPS 5,000VA:

- 8000 Watts 5 kVA
- Input 230V / Output 230V
- Interface Port DB-9 RS-232, RJ-45 10/100 Base-T
- Smart APC RM 230V
- Smart-Slot Extended runtime model
- Output Connections (1) Hard Wire 3-wire (H N + G), (4) IEC 320 C13, (4) IEC 320 C19, (4) IEC Jumpers
- Included Battery Modules: 4, RBC™ Quantity 2,
- Rack Height 3U
- Includes CD with software
- 1 x Rack Mounting support rails
- Service and User Manual
- Smart UPS signaling RS-232 cable
- Web/SNMP Management Card
- Original with one year warranty recommended



Item No 8: CAT 6-A Cable

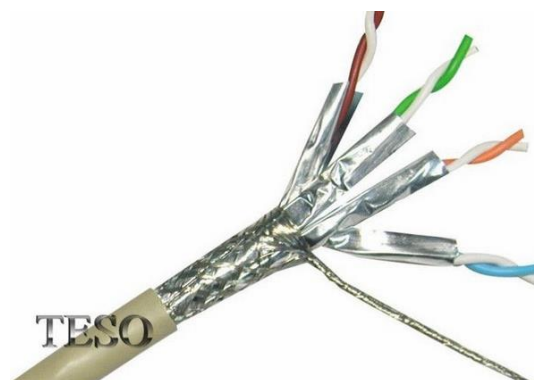
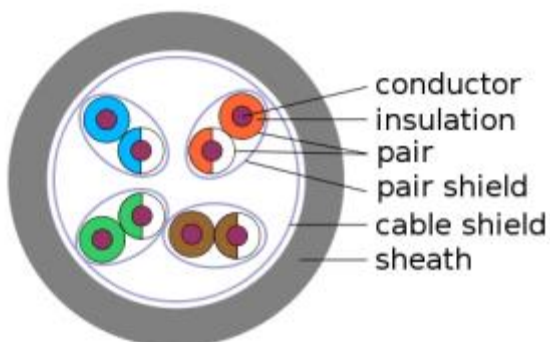
CAT 6-A, GIGA READY Copper Cable

Key Features:

- Category 6-A standard
- 4-pair Infilink solid CAT 6-A
- 1000 Base –TX (Gigabit Ethernet compliant)
- ISO-11801, EIA/TIA 568B, EN50173 Compliant
- Gauge Wire: 24 AWG
- Core Diameter 0.56 mm
- N.O.M. Outside Diameter 6.30 mm
- Metal Core type Solid
- Number of Pairs 4
- Jacket PVC
- Color gray
- Box Physical Dimensions (LxWxH) 330 x 265 x 335 (mm)
- Weight 14.6 KG
- Cable length: 305 meter

Double Shielded S/STP CAT 6-A Network Ethernet cable, 500MHZ Bandwidth speed, Gigabit data transmission speed.

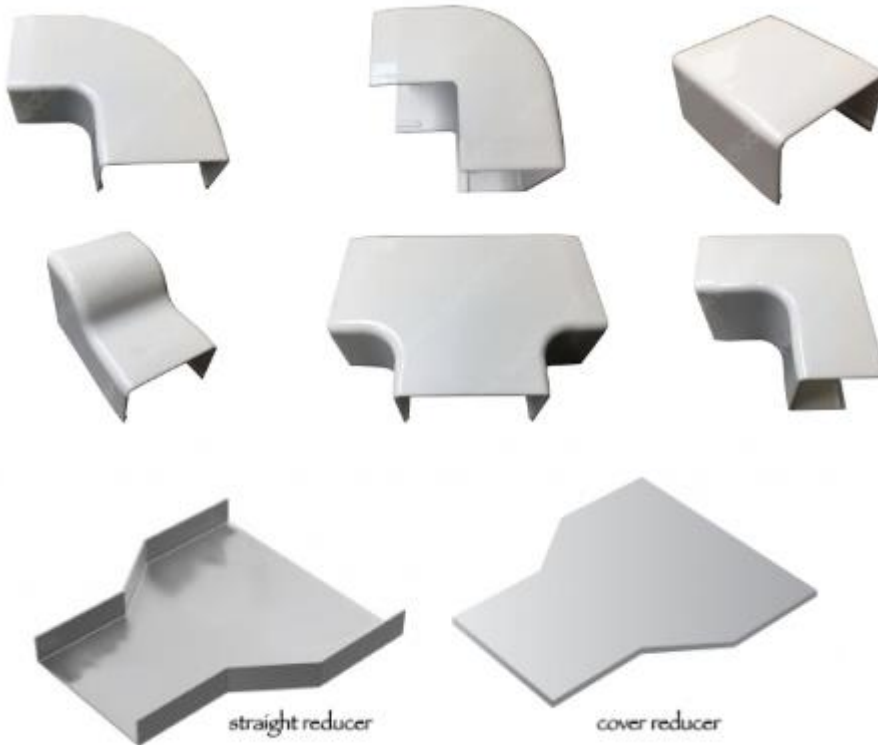
S/STP



Item No 9: PVC Duct

PVC Duct:

- 40X80 (Height: 40 X Width: 80) for outside the rooms
- 40X40 for inside the rooms
- 20X20 for inside the rooms
- For each of size of duct the Elbow, T-Shape and Ending cover must be used
- Type: KSS original Taiwan





Item No 10: Installation, Labeling, Testing and Remove old network wiring

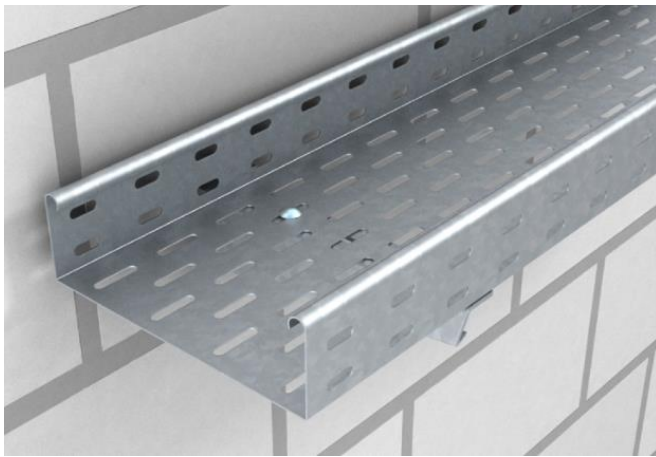
Scope of Work:

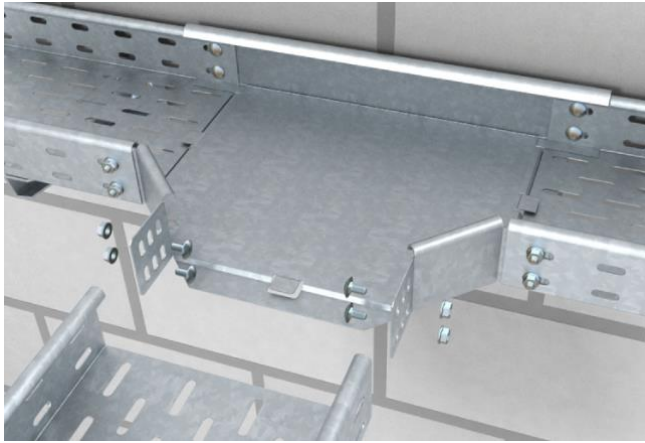
To ensure that the required services are provided with the highest possible quality and professional services, the CO will be interested in establishing a contract with a experienced and qualified proposer in this field and that will provide following services, products and equipment in quality with a professional and timely manner.

- The interested proposer will conduct a complete site survey and assessment of UNFPA building. The purpose of the assessment is to determine the exact number and location of all data and voice drops.
- Upgrade existing network cabling by installing CAT 6-A drops.
- The best brand and product for wall jacks and faceplates and cables Category (CAT 6-A) is preferred. Any cost for this assessment must be identified in the quote.
- The interested proposer will provide Category 6-A patch cables for all patch panel/switch ports in each rack space.
- All data/voice drops will be clearly and professionally labeled with matching labels at the faceplate and at the patch panel. Handwritten labels are not acceptable.
- All data/voice drops will be tested and certified. The proposer will provide a complete testing report for all data/voice drops.
- The proposer shall warrant all materials, equipment and/or services delivered. The minimum acceptable warranty period is 3 years.
- Warranty costs shall be included in your total bid price.
- If a wall jack or IO discovered that does not work during the life of the system, it will be repaired or replaced at no cost.
- The proposer shall provide quarterly maintenance for the all devices and ports.

- The preferred brand for the network devices is inflink.
- All equipment and materials must be new. Used and refurbished equipment and materials are not acceptable.
- Proposer shall furnish and install all equipment, accessories, and materials necessary for a complete, functional Structured Cabling System.
- The Network cables must be run separate from power cable and do not cross it.
- The cable length/distance should not exceed 100 meters.
- Remove old network wiring infrastructure as required by the UNFPA ICT unit.







Note: If you have any question, you may ask at the time of site survey.

Potential Suppliers

This REOI is addressed to (a) manufacturers of above items and (b) traders with experience in the sourcing and supply of above items.

UNFPA is particularly interested in identifying competitive sources of supply that can offer the complete range of products listed above.

Only suppliers with a Quality Management System in conformity with at least one of the following standards are invited to express interest:

- (a) ISO 9001/ISO9002
- (b) ISO 9001:2000
- (c) ISO 13485 / ISO 13488
- (d) EN 46001 / EN 46002
- (e) Japan QS standard for medical devices # 1128
- (f) United States QS (21 CFR part 820)

Procedure for submission of EOI:

Interested suppliers are encouraged to complete **form** and return it to UNFPA by e-mail to rabbani@unfpa.org on or before the indicated deadline.

Note:



- (a) **Prices are not required at this stage.** UNFPA is seeking to identify suppliers interested in participating in a future bid.
- (b) **No queries shall be entertained by UNFPA on the conformity of the suppliers' products** at this stage.
- (c) **This EOI does not constitute a solicitation.** UNFPA reserves the right to change or cancel the requirement at any time during the EOI and/or solicitation process. UNFPA also reserves the right to require compliance with additional conditions as and when issuing the final solicitation document. Submitting a reply to an EOI does not automatically guarantee receipt of the solicitation when issued.

GUIDELINES FOR ELECTRONIC SUBMISSION

1. Bidders shall make clear reference to the specific EOI in the subject field as instructed, otherwise proposals may be rejected. Clearly specify: [EOI \(name of product\) 2018 company name](#) specify in the subject field.
2. Responses received at the rabbani@unfpa.org mailbox are kept undisclosed and shall not be opened before the scheduled opening date.
3. E-mail submission shall not exceed **20 MB**. An email response will respond to emails received by the rabbani@unfpa.org email box.