



# Govt. College of Engineering & Technology<sup>E</sup> Chak Bhalwal, Jammu.

No.TEQIP-III/GCET/Pr/19/485

Dated: 30.11.2019

## CORRIGENDUM

**Subject: Pre-bid meeting for Tender issued vide NIQ No. TEQIP-III/2019/JK/gcej/180 and TEQIP-III/JK/gcej/86 Dated 06.11.2019 - Review of specifications/ Terms and conditions for Campus Networking and Supply of UTM/Firewall thereof.**

Based on the suggestions/ queries/requests made by the Prospective Bidders during the pre-bid meeting held on 22.11.2019 for the tender issued vide TEQIP-III/2019/JK/gcej/180 and TEQIP-III/JK/gcej/86 Dated 06.11.2019 - Review of specifications/ Terms and conditions for Campus Networking and Supply of UTM/Firewall in GCET, Chak Bhalwal, Jammu under TEQIP-III, the following changes/amendments in the Tender are made. The tenders are advised to submit/revised their bids accordingly.

**1. The last date for submission of tenders for above mentioned NIQ's is extended upto 12.12.2019 upto 4.00 P.M.**

**2. Package No.: TEQIP-III/JK/gcej/86 (Supply of UTM/Firewall)**

The following required specifications for UTM stands deleted from the original tender document.

1.	Minimum IPS throughout: 9 Gbps. (Annexure-I: S.No.-2 (c))
2.	Minimum Concurrent Sessions: 20 Million (Annexure-I: S.No.-2 (d))
3.	UTM should serve as WiFi Controller for the supplied Access Points supporting 64 Access Points in tunnel mode from day one. (Annexure-I: S.No.-1)
4.	Should support RPS option. (Annexure-I: S.No.-2 (f))
5.	Supply, Installation, configuration & Commissioning of NGFW/UTM Appliance with 3 years Comprehensive Subscription for all threats, anti-virus, spams, malware, spyware and content filtering in Active-Active mode. (Annexure-I: S.No.-1)
6.	Solution should include Three Years license for all appliances in solution (Annexure-I: S.No. 4)

The UTM should comply with the following technical specifications in addition to the technical specifications mentioned in the original Tender document.

S.No.	Details
1.	NGFW Throughput: 6 Gbps or more.
2.	UTM should 64 Access Points in tunnel mode from day one.
3.	Local Storage 240 GB.
4.	Redundant Power Supply from day one.
5.	2 nos. of 10G SFP+ Transceivers should be supplied along with the appliance.
6.	Supply, Installation, configuration & Commissioning of NGFW/UTM Appliance with 5 years Comprehensive Subscription for all threats, anti-virus, spams, malware, spyware and content filtering in Active-Active mode.
7.	Solution should include Five Years license for all appliances in solution

**3. Package No.: TEQIP-III/2019/JK/gcej/180 (Campus Networking)**

The following clause in the original tender document stands revised:

S. No.	Clause No./ Page No.	Original Clause	Revised Clause
1.	Clause No. 7 point 6	Supply & Installation of Indoor 802.11ac Wifi Access points of the same make as switches.	Supply & Installation of Indoor 802.11ac Wifi Access points.

The following technical specifications are added in addition to the technical specifications mentioned in the original tender document.

### **Cat 6 UTP Ethernet patch cords**

Conductors: 24 AWG solid bare copper or better.  
Insulation: Polyethylene.  
UL/ETL Verified.  
ANSI/TIA-568-C.2  
Individual cable pair separated by Central Cross separator.  
Meets and exceeds Cat 6 performance standard.  
Meets standards for PoE applications.  
RoHS and LSZH Compliant.  
OEM Test Reports (Required)

### **Cat 6 UTP Ethernet cable.**

Conductors: 23 AWG solid bare copper or better.  
Insulation: Polyethylene.  
Rip Cord: Yes.  
Individual cable pair separated by Central Cross separator.  
UL/ETL Verified.  
ANSI/TIA-568-C.2  
Meets and exceeds Cat 6 performance standard.  
Meets standards for PoE applications.  
Descending length cable markings.  
Tangle free 305m (1000 feet) rolls.  
RoHS and LSZH Compliant.  
OEM Test Reports (Required)

### **Information Outlets**

Cat 6  
Conforms to or exceeds all relevant ISO/IEC and TIA/EIA standards

### **PVC Conduit Pipe**

ISI/ ISO certified  
Impact Resistant

### **OFC Cable**

48 Core Outside plant Optical Fiber Cable  
ECCS Armour HDPE Sheath Loose-tube, Multi tube  
Gel-filled, 9/125 Single Mode (OS2), G.652.D  
Water blocking  
Manufacturing and testing setup conforms to ISO 9001 quality standards  
Fiber performance matching or exceeding to ITU-T standards  
Maximum Tensile Strength-Short Term: 2500N or better. Maximum Attenuation: 0.35 @ 1310 nm. Mass:  
Minimum 135 Kg/Km or better  
Strength Member: Central strength member FRP RoHS Compliant  
Factory test report

### **OFC Patch Cables**

Duplex  
OS2  
LSZH and RoHS Compliant  
Conforms to or exceeds all relevant ISO/IEC, TIA/EIA and ITU standards

### **HDPE Pipe**

The PLB HDPE pipe shall have two concentric layers viz. outer layer and inner layer. The outer layer shall be made of HDPE material and the inner layer of solid permanent lubricant.

Suitable Ultra Violet stabilizers

Dimensions of pipe

The nominal size of the pipe shall be 40/33mm

ISI/ISO Certified

Including HDPE Coupler/ Joints

### **FO Panels**


24 Core Rack Mounted, fully Loaded

Material: Box-Powder Coated Aluminium Alloy/ Powder Coated Steel. Spool: FR Grade ABS.

Cable Grommets: FR Grade Nylon.

Fully Loaded with:

1. Splice Tray: Aluminium/ ABS plastic.
2. Loaded with 4 no. of 6 pak adapter plate SC.
3. 24 nos. of SC adapters (simplex).
4. Single mode OS2 pigtailed.

  
**Principal**  
GCET, Jammu