

Government College of Engineering, Salem- 11

(An Autonomous Institution affiliated to Anna University, Chennai)



SELF-STUDY REPORT



CRITERION 4

4.3.1 Institution frequently updates its IT facilities and provides sufficient bandwidth for internet connection

(Submitted to National Assessment and Accreditation Council)

Self Declaration

This is to certify that the supporting documents for this metric exceed the 5MB upload limit. Therefore, links to sample documents and some samples are provided in the following pages. Any/all Supporting documents will be provided, if required. All links, documents and images are verified and authenticated.



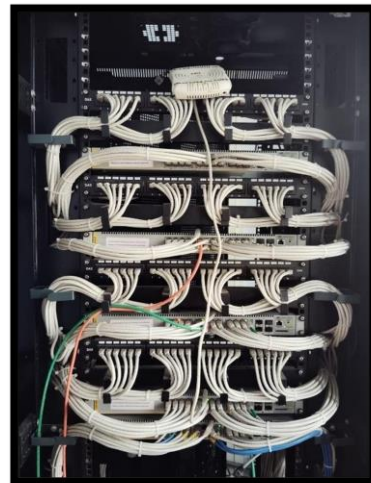
IQAC – Chairperson

**Internal Quality Assurance Cell
Govt. College of Engineering
Salem - 636 011.**

4.3.1 Institution frequently updates its IT facilities and provides sufficient bandwidth for internet connection.

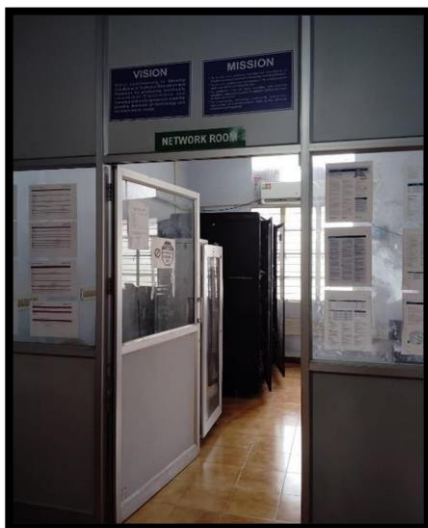
Sample/Reference for IT facilities and Bandwidth for Internet connection

Firewall and Distribution Switches



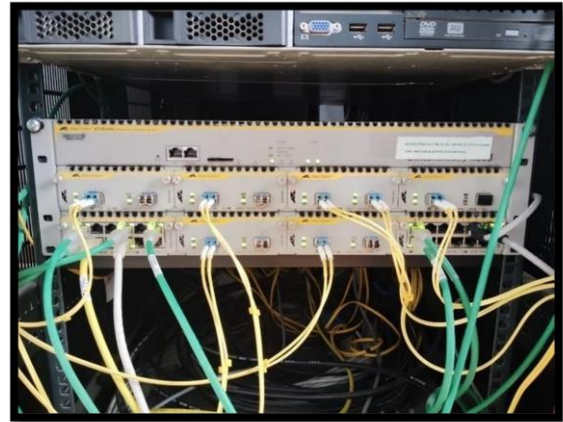
Sample/Reference for IT facilities and Bandwidth for Internet connection

Networking room with core switches




Sample/Reference for IT facilities and Bandwidth for Internet connection

Firewall and Distribution Switches



Sample/Reference for IT facilities and Bandwidth for Internet connection

Purchase order of Core Switches and Distribution

PURCHASE ORDER					
Reference No :	TEQIP-III/2018/gces/Shopping/7				
Date of Issue :	17-May-2018				
Subject :	TEQIP-III/GCES/ECE/06				
Purchaser :	The Principal, Government College of Engineering, Salem- 636011				
Supplier Name:	M/s MADRAS NETWORKING COMPANY Door No.4 2nd street, shakthiVijayalakshmi Nagar, Velachery,Chennai- 600 042, Tamilnadu.				
<p>With reference to our correspondence, Government College of Engineering Salem is pleased to award this detailed Purchase Order to M/s MADRAS NETWORKING COMPANY for supply of items as per the details given below at a total cost of 4929837.00 (Forty Nine Lakh Twenty Nine Thousand Eight Hundred Thirty Seven only):</p>					
Sr. No	Item Name	Quantity	Unit Cost (Rs.)	Total Cost (Rs.)	Delivery Period
1	Core Switches and Distribution Switches	1	4177828	4177828	60 days
Total price (without taxes)		:	Rs. 4177828.00		
Total applicable taxes		:	18 %		
Total price (with taxes)		:	Rs. 4929837.00		
Total Octroi		:	Rs.		
Delivery	: Government College of Engineering Salem				
Testing/Installation	: Installation and testing is required.				
Clause (if any)	: Not required				
Training Clause (if any)	: As per Annexure - 1				
Technical Specifications	: As specified for each item from date of issue of confirmed purchase order or as early as possible.				
Delivery Period	: 12 months				
Warranty	: Delivery and Installation - 0% of total cost				
Payment Terms	: Satisfactory Acceptance - 100% of total cost				
<p>For Government College of Engineering Salem</p> <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  (Authorized Signatory) VIMALA PERIASATLINE, Ph.D., PRINCIPAL </div> <div style="text-align: center;"> Government College of Engineering Salem 636 011. </div> </div> <p>Accepted by _____ Signature _____ Date _____</p> <p>Address _____</p>					

Sample/Reference for IT facilities and Bandwidth for Internet connection

Purchase order of Core Switches and Distribution

Annexure I

Sr. No	Item Name	Specifications
1	Core Switches and Distribution Switches	Advanced modular chassis switch with 8 x 60Gbps Expansion Bays- 1 Qty Hot-swappable AC load sharing PSU - 2 Qty Spare fan only module - 2 Qty High Speed Stacking Cable (650mm) - 1 Qty Advanced Layer 3 License - 1 Qty IPv6 Pack License - 1 Qty 2 x 10GbE SFP+ slots expansion module - 8 Qty 12x 10/100/1000TX expansion module- 2 Qty Module - 10km 1310nm 10GBase-LR SFP+ module - 24 Qty Distribution Switches -24-port 10/100/1000T- stackable switch with 4 SFP+ ports and 2 fixed power supplies- 10 Qty OFC Cable 6 core SM OFC - 300 Qty pigtail - 96 Qty

Sample/Reference for IT facilities and Bandwidth for Internet connection

Purchase order of Core Switches and Distribution



MADRAS NETWORKING COMPANY
Door No. 4, 2nd Street, Shakthi Vijayalakshmi Nagar,
Velachery, Chennai-600 042.

Ph./Fax : 044 2259 1299,
E-mail : info@mncindia.net
Web : www.mncindia.net

Tax Invoice

(ORIGINAL FOR RECIPIENT)

Madras Networking Company- (2017 -2018) No.4, 2nd Street, Shakthi Vijayalakshmi Nagar, Velachery, Chennai - 600 042. GSTIN/UIN: 33AAGPD0242F1ZJ State Name : Tamil Nadu, Code : 33 E-Mail : admin@mncindia.net		Invoice No. e-Way Bill No. Dated 145/18-19 16-Jun-2018 Delivery Note Mode/Terms of Payment						
Consignee Government College of Engineering SALEM-636 011 State Name : Tamil Nadu, Code : 33		Supplier's Ref. Other Reference(s) Subject:TEQIP-III/GCES/ICE/06						
Buyer (if other than consignee) Government College of Engineering SALEM-636 011 State Name : Tamil Nadu, Code : 33		Buyer's Order No. Dated Reference No:TEQIP-III/06/Shopping/17-May-2018 Despatch Document No. Delivery Note Date						
		Despatched through Destination						
		Terms of Delivery						
Sl No.	Description of Goods	HSN/SAC	GST Rate	Quantity	Rate	per	Disc. %	Amount
1	Switch Internal module chassis switch with 8x 60Gbps Expansion Bay 1Qty Part No:-AT-320x500-A11 Qty/1Nos sl.no:-A039004174500017 Hot swappable AC Load sharing PSU-2Qty Part No:-AT-PWR05 Sl.No:-A03900418100006,A04230418100007 Spare fan only module 2Qty high speed stacking cable (650mm) 1Qty Advanced layer 3 License-1Qty IPv6 Pack License 1 Qty 2x10 GbE SFP+ Slots expansion module -8Qty Part No:-AT-XEEM-2XCS Sl.no:-A04423A181900016,A04423A181900003, A04423A181900009,A04423A180900004, A04423A181900017,A04423A181900006, A04423A181900012,A04423A181900005 12x 10/100/1000TX expansion module 2 Qty sl.no:-A04619A18200005,A04619A18200013 10km 1310nm 10GBase-LR SFP-Module 24Nos Distribution Switches 24x24-port 10/100/1000T Stackable Set With 4SFP+Ports and 2 Fixed Power Supplies 10 Qty sl.no:-A04736G18200015A,A04736G18200014E, A04736G182000161,A04736G18200016E A04736G18200016J,A04736G18200016S, A04736G18200017T,A04736G18200016S, A04736G182000182,A04736G182000150 OFC Cable 6core SM OFC-300QTY Pigtail-96Qty	85176290	18 %	1 Nos.	41,77,828.00	Nos.		41,77,828.00
CGST								3,76,004.52

continued ...

Sample/Reference for IT facilities and Bandwidth for Internet connection

Purchase order of Firewall & Threat Prevention Package and end Switches

PURCHASE ORDER

Reference No : TEQIP-III/2017/gces/Shopping/1
 Date of Issue : 02-Mar-2018
 Subject : TEQIP-III/GCES/ECE/02

Purchaser : Government College of Engineering, Salem- 636011.

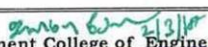
Supplier Name : M/s MADRAS NETWORKING COMPANY
 Door No.4, 2nd street, shakthi Vijayalakshmi Nagar, Velachery,
 Chennai, Tamilnadu, 600042.

With reference to our correspondence, Government College of Engineering, Salem is pleased to award this detailed Purchase Order to M/s MADRAS NETWORKING COMPANY for supply of items as per the details given below at a total cost of Rs. 24,78,236.00 (Rupees Twenty Four Lakh Seventy Eight Thousand Two Hundred Thirty Six only).

Sr. No	Item Name	Quantity	Unit Cost (Rs.)	Total Cost (Rs.)	Delivery Period(in days)
1	Firewall & Threat prevention packages and end switches	1	21,00,200	21,00,200	30

Total price (without taxes) : Rs. 21, 00, 200.00
 Total applicable taxes : 18 %
 Total price (with taxes) : Rs. 24, 78, 236.00
 Total Octroi : Rs.

Delivery : Government College of Engineering, Salem-636011.
 Testing/Installation Clause (if any) : Yes
 Training Clause (if any) : NA
 Technical Specifications : As per Annexure - 1
 Delivery Period : As specified for each item from date of issue of confirmed purchase order or as early as possible.
 Warranty : 12 months.
 Payment Terms : Delivery and Installation - 90% of total cost
 Satisfactory Acceptance - 10% of total cost

For 
 Government College of Engineering, Salem.

(Authorized Signatory)
 Name & Designation : PRINCIPAL
 GOVT. COLLEGE OF ENGG,
 SALEM - 636 011.

Accepted by
 Signature :
 Date :
 Address :

Sample/Reference for IT facilities and Bandwidth for Internet connection

Specifications of Firewall & Threat Prevention Package and end Switches

Annexure I

Sr. No	Item Name	Specifications
1	Firewall & Threat prevention package s and end switches	<p>Architecture Power supply for 230 V AC 50 Hz Operating Environment - 0°C ~ 35°C Operational Metrics Minimum of 20 Gbps of Firewall throughput Minimum of 1 Gbps of UTM throughput Minimum of 150,000 new sessions Minimum of 10 Million concurrent sessions Hardware & Interface Minimum 8 Numbers of 1G Ethernet ports Should have option to Support minimum 4 ports of 1G Fibre in Future Should support both Console port and USB Ports Should have minimum 450 GB of Hardisk/SSD SWITCHES: 24 10/100/1000 Base-T ports and additional 2 1G SFP slots, 2 10G SFP+ ports for uplinks Switches should support active-active clustering technology virtual chassis or equivalent with clustering bandwidth of 40Gbps or more Should support link aggregation across switches stack for higher availability and resiliency The Switch must support IEEE 802.17 or equivalent Ring resiliency / Ring protection technology for Sub 50Ms convergence time Standards: IEEE 802.3ac, IEEE 802.3az, IEEE 802.1v, IEEE 802.1Q, IEEE 802.1s, IEEE 802.1w, IEEE 802.1D, VRRPv3, PVST+ compatibility mode, IGMP snooping (v1, v2 and v3), IGMP snooping fast-leave, MLD snooping (v1 and v2), static and RIP routing, IEEE 802.3az</p>

Sample/Reference for IT facilities and Bandwidth for Internet connection

Purchase order of Switch and Firewall



MADRAS NETWORKING COMPANY

Door No. 4, 2nd Street, Shakthi Vijayalakshmi Nagar,
Velachery, Chennai-600 042.

Ph./Fax : 044 2259 1299.
E-mail : info@mncindia.net
Web : www.mncindia.net

Tax Invoice

(ORIGINAL FOR RECIPIENT)

Madras Networking Company- (2017 -2018) No.4, 2nd Street, Shakthi Vijayalakshmi Nagar, Velachery, Chennai - 600 042. GSTIN/UIN: 33AAGPD0242F1ZJ State Name : Tamil Nadu, Code : 33 E-Mail : admin@mncindia.net Consignee Government College of Engineering SALEM-636 011 State Name : Tamil Nadu, Code : 33		Invoice No. 633/17-18 Dated 24-Mar-2018 Delivery Note Mode/Terms of Payment Supplier's Ref. Other Reference(s) Buyer's Order No. Dated Ref No:TEQIP-III/2017/gces/Shopping/1 2-Mar-2018 Despatch Document No. Delivery Note Date Despatched through Destination Terms of Delivery	
Buyer (if other than consignee) Government College of Engineering SALEM-636 011 State Name : Tamil Nadu, Code : 33			

SI No.	Description of Goods	HSN/SAC	Quantity	Rate	per	Disc. %	Amount
1	Switch 24-port 10/100/1000T stackable switch with 2 combo ports (10/100/1000T or 10G/1000G SFP) and 2 SFP+ stacking/layer ports	85176290	18 Nos.	43,900.00	Nos.		7,90,200.00
2	Firewall 5000 Next Generation Threat Prevention Appliance-CPAC-NGTP-5400-NGTP Next Generation Threat Prevention Package subscription for 2 year for 5400 Appliance-CPAC-NGTP-5400-2Y Memory Upgrade Kit from 8GB to 16GB for 5000 series appliances-CPAC-RAMGB-5000-INSTALL Smart-1 405 Next Generation Security Management Appliance for 5 gateways (SmartEvent & Compliance 1 year)-CPAC-NGSM405 SmartEvent and SmartReporter blade for 5 gateways (Smart-1 & open server) 2 year subscription-CPAC-EVS-571 Standard Direct Enterprise Support For 3 Year -	8517	1 Nos.	13,10,000.00	Nos.		13,10,000.00
							21,00,200.00
CGST							1,89,018.00
SGST							1,89,018.00
Total			19 Nos.				Rs. 24,78,236.00

Amount Chargeable (in words)
INR Twenty Four Lakh Seventy Eight Thousand Two Hundred Thirty Six Only
 E. & O.E

HSN/SAC	Taxable Value	Central Tax		State Tax		Total Tax Amount
		Rate	Amount	Rate	Amount	
85176290	7,90,200.00	9%	71,118.00	9%	71,118.00	1,42,236.00
8517	13,10,000.00	9%	1,17,900.00	9%	1,17,900.00	2,35,800.00
Total	21,00,200.00		1,89,018.00		1,89,018.00	3,78,036.00

Tax Amount (in words) : **INR Three Lakh Seventy Eight Thousand Thirty Six Only**

Company's Service Tax No. : AAGPD0242FST001
 Company's PAN : AAGPD0242F

Declaration
 We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.

for Madras Networking Com



This is a Computer Generated Invoice