

# UNIVERSITY OF JAMMU

## ORDER

Based on the recommendations made by the Internet & Networking Committee at its meeting held on 11-12-2015 vide Resolution No. 01, the Vice-Chancellor is pleased to approve the lowest rates of Structured Cabling Items, Wireless Networking Items, Optical Fibre Components & Accessories, Intelligent Patch Panel etc. offered by the various firms (as detailed in the Annexure to this order) for the current financial year 2015-16 with the following terms and conditions:

### Terms and Conditions:

1. The supplier/s should be bound to make the supply within the stipulated time period as given in the supply order on the basis of the rates approved by the University failing which the firm/s be debarred for the next three years to enter in to the University business alongwith 10% amount of the CDR submitted by the firm/dealer/s be deducted as a part of penalty”.

*B. U. O. C. A.*  
*15/2/16*  
Assistant Registrar (B&F)

No:-Fin./2015-16/9265-9320

Dated: 15/02/2016

Copy to:-

1. Spl. Secy. to the Vice-Chancellor
2. P.S to Dean Academic Affairs
3. Sr. P.A. to Registrar
4. Sr. P.A. to Joint Registrar
5. Sr. P.A. to Controller of Examinations /Director, Colleges Dev. Council
6. Sr. P.A. to Joint Registrar (Examinations).
7. All Rectors/Project Directors of the Campuses of the University
8. Dean Students, Welfare/Provost Hostels
9. All Head of the Teaching Deptts. of the University
10. All Directors of the University
11. Convener, Campuses Beautification
12. PA's to OSD Exams
13. Convener, Publication Cell
14. I/C Librarian, Dhanvantri Library
15. Programme Coordinator, NSS
16. Chief Medical Officer, Health Centre
17. All Wardens of the University Hostels
18. All Dy. Registrars/Asstt. Registrars
19. Chief Coordinator, SPRU
20. Executive Engineer, UWD
21. Manager Guest House
22. Content Manager, University Website with the request to upload the same in the University Website ,
23. Security Officer, University of Jammu
24. All Sections
25. G. file

# COMPARATIVE STATEMENT (Commercial)

UNIT: STRUCTURED CABLING ITEMS

Annexure order No. 15-16/9265  
 Date: 15-2-2016  
 Aman Technology

(i) Networking Switches(Active)

9320

S.No.	Descriptions	Make	Model Number	Unit Price(Rs)
1	Layer2 Switch -24 ports	Brocade	ICX7250-24-2x10G	78,145.00
2	Layer2 Switch -48 ports	Brocade	ICX6430-48	86,624.00
3	Layer2 + POE Switch -24 ports	Brocade	ICX7250-24P-2x10G	94,375.00
4	Layer2 + POE Switch -48 ports	Brocade	ICX7250-48P-2x10G	105,668.00
5	Layer 3 switch- 24 ports	Brocade	BR-VDX6740-24-F	423,652.00
6	Layer 3 switch- 48 ports	Brocade	BR-VDX6740-48-F	503,121.00
<b>Total(i)</b>			<b>Total(i)</b>	<b>1,291,585.00</b>

Aman Technology

(Passive Components) Make:  
Molex/Schenider

S.No.	Descriptions	Make	Item Number	Unit Price
1	Cat 6 UTP Cable with CMR RATING PER Meter	MOLEX	CAA-00267	23
2	Face Plate Single	MOLEX	WSY-00012-02	60
3	Face Plate Double (Specification as per Annexure-IB)	MOLEX	WSY-00013-02	65
4	Back Box as per quoted specification of face plate	MOLEX		55
5	Information Outlet	MOLEX	KSJ00018	128
6	Patch Panel Cat 6 24 Port Fully Loaded with I/O	MOLEX	PID00141	3950
7	CAT6 UTP PATCH CORD:0.5M	MOLEX	PCD-02000	120
8	CAT6 UTP PATCH CORD: 1M	MOLEX	PCD-02001	139
9	CAT6 UTP PATCH CORD:2M	MOLEX	PCD-02003	159
10	CAT6 UTP PATCH CORD:3M	MOLEX	PCD-02005	220
11	CAT6 UTP PATCH CORD:5M	MOLEX	PCD-02009	245
12	CAT6 UTP PATCH CORD:10M	MOLEX	PCD-02019	515
13	RJ 45 Connectors Pack 100 nos.			650
<b>Total(ii)</b>			<b>Total(ii)</b>	<b>6329</b>

(iii) Installation Charges For Structu

*Cabling*

Aman Technology

S No.	Description	Unit of measurement	Unit Rate (Rs)
1	Supply & Fixing of PVC Channel/Condude(ISI Mark)	(Per Mtr.)	47
2	UTP Cable Laying Charges	(Per Mtr.)	12
3	Termination of UTP Cable per node (patch pannel termination and I/O termination)	nos.	74
4	Penta Scaning	(pernode)	85
5	Fixing Charges of Rack and Jack Pannel	nos.	124
<b>Total(iii)</b>		<b>Total(iii)</b>	<b>342</b>

*[Signature]*

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Combined Cost of Unit I (Item(i +ii+iii))

1,298,256

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After Comparing **M/s Aman Technology** is lowest in Unit I Structure Cabling Items

Taxes: @5 % extra			
Warranty: 5 Years			

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# Comparative Statement (Commercial)

## UNIT-II WIRELESS NETWORKING

### WIRELESS NETWORKING

Make: Dlink/Cisco/RUIJIE/ARUBA

#### Viraj Infocomm

S.No.	Descriptions	Make	Item Number	Unit Price			
1	Wireless AC Dual Band Outdoor access Points with POE Kit, Weather proof enclosures, surge protectors.	RUIJIE	AP630	64,500			
2	AC 2*2 MIMO DUAL BAND Indoor Wireless Access Points POE	RUIJIE	AP520	18,700			
3	AC 3*3 MIMO DUAL BAND Indoor Wireless Access Points.	RUIJIE	AP530	32,300			
4	16 Dbi Omni Directional Antenna with Installation charges if any (Dlink/REN/Hyperlnk or any other reputed make compatible)	Hyperlnk		4,000			
5	18 Dbi Pannel Antenna with Installation charges if any. (Dlink/REN/Hyperlnk or any other reputed make compatible)	Hyperlnk		4,000			
6	Lightening Arrestors	OEM		1,200			
7	300 mbps PCI Wireless card b/g/n/ac			NA			
8	300 mbps USB Wireless card b/g/n/ac	DIGISOL	WN3300	750			
9	Mast(per mtr with Installation)	NM		700			
<b>Total</b>				<b>1,26,150</b>			


After Comparing M/s Viraj Infocomm is Lowest in Unit-II Wireless Networking

Taxes: 5% extra

Warranty: 5 years

NM: not mentioned

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# Comparative Statement (Commercial)

## UNIT-III OPTICAL FIBRE COMPONENTS & ACCESSORIES

Networking Optical Fibre Component Make: Molex/Schenieder/AMP)

Aman Technology

S.No.	Descriptions	Make	Item Number	Unit Price
1	12-Core, Multimode, 10G Ethernet OM4, Armored, loose-tube, CST armour, Gel Filled with HDPE pipe digging of hard/ soft soil, road cutting and laying (per mtr.)	Molex	AF0UNO120 M4	499
2	6 Core, Multimode, 10G Ethernet OM4, Armored, loose-tube, CST armour, Gel Filled with HDPE pipe digging of hard/ soft soil, road cutting and laying (per mtr.)	Molex	AF0UN0060 M4	464
3	FIBER PATCH PANELS – RACK MOUNT 24 PORT LOADED WITH ADAPTORS AND SPLICE TRAY	Molex	17.C139G-I	5850
4	FIBER PATCH PANELS – RACK MOUNT 12 PORT LOADED	Molex	17.C102G-I	3999
5	FIBER PATCH PANELS – Wall MOUNT 24 PORT LOADED WITH ADAPTORS	Molex	17.C139G-I	5850
6	FIBER PATCH PANELS – Wall MOUNT 12 PORT LOADED WITH ADAPTORS	Molex	17.C102G-I	3999
7	OPTICAL FIBER PIGTAILS, 1.5/2 MTR MM OM4	Molex	91.30	475
8	OPTICAL FIBER EQUIPMENT CORDS (MINIMUM 3,5 METER)	Molex		
i	SC-LC	Molex	91.91	1790
ii	SC-SC	Molex	91.99	1790
iii	ST-ST	Molex	91.11	1790
iv	MTRJ – ST	Molex	91.1A	1300
v	MTRJ – SC	Molex	91.9A	1300
vi	MTRJ – MTRJ	Molex	91.AA	1300
9	Fibre Joint Closure(6/12/24f)	NM	NM	700
10	Charges for testing of fiber breakage with OTDR (per pair)	NM	NM	400
11	Fiber Route Marker (per piece)	NM	NM	500
12	Splicing for 6/12/24 cores (per pair)	NM	NM	680
13	Multimode Optical Fiber to UTP Cat6 Media Converter (pair)	NM	NM	2000
14	Installation of GI Pipe(per mtr)	NM	NM	207
	<b>TOTAL</b>			<b>34893</b>

After Comparing M/s Aman Technology is the lowest in Unit III Optical Fibre.

Taxes: @ 5 % Extra

Warranty : 5 years

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# Comparative statement (Commercial)

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UNIT -IV OTHER ITEMS

Make for Racks: President/HCL/Dlink/Comrack

S.No.	Descriptions	Viraj Infocomm			Aman Technology			MST Electro solutions		
		Make	Item Number	Unit Price				Make	Item Number	Unit Price
1	42U Rack Frame-600X1000-STEEL, Plinth/Base Frame-600X1000, Casters Set of 4 Adjustable Levellers set of 4, Glass Door-600-42U, Hexagonal Perforated Door-42-600, Side Panels-1000-42U-Vented_02 Qty, Vertical Power Distribution Unit with 12 x 5/15 sockets Round, Pin, 230 Volts AC, 32 Amp with Plug, Vertical Cable Manager-42U-Loop, Horz. Cable Manager-1U-Loop, Key Board Tray -1000 Support Angle-1000, Mounting Hardware-(Pack of 20), FHU with 4 FAN 360CFM	COMRACK	42U	29700						
2	42U 19" 600 x 800 mm Rack with front door, with min 2 equipment shelf, Power Distribution box 10 x 5 Amp, with closed/cover mounted cable manager	COMRACK	42U	24300						
3	12U 19" Rack with front door, Power Distribution box 5 x 5 Amp. with closed/cover mounted cable manager	COMRACK	12U	4500						
4	32U Rack Frame-600X800-STEEL, Casters Set of 4 adjustable Levellers set of 4 Glass Door-600-32U, Metal Door-600-32U-Vented Side Panels-800-32U-Vented_02 Qty. Vertical Power Distribution Unit with 12 x 5/15 sockets Round Pin, 230 Volts AC, 32 Amp with Plug, Horz. Cable Manager-1U-Loop Shelf-800, Support Angle-800 Mounting Hardware-(Pack of 20), FHU with 2 FAN 180CFM	COMRACK	32U	20250						

32U

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5	15U 19" Rack with front door, Power Distribution box 10 x 5 Amp. with closed/cover mounted cable manager	COMRACK	15U	5800															
6	Networking Rack 9 UWall Mount 9U x 500 W x 450 D, Front Glass Door with Lock, 2 pairs of 19" Mounting Rails, 1U Cable Manager, Roof Mounted Fan Unit 230V AC, 6 Way 5 Amp Power Distribution Unit, Mounting Hardware	COMRACK	9U	4200															
7	17U Rack Frame-600X800-STEEL, Casters Set of 4 Adjustable Levellers set of 4 Glass Door-600-17U, Metal Door-600-17U-Vented - Rear, Side Panels-800-17U-Vented_02 Qty, 2 U standard PDU with 6 sockets Round Pin, 230 Volts AC, 5/15 Amp with Plug, Mounting Hardware-(Pack of 20) Fan-90CFM	COMRACK	17U	12825															
8	22U Rack Frame-600X800-STEEL Casters Set of 4 Adjustable Levellers set of 4 Glass Door-600-22U, Metal Door-600-22U-Vented Side Panels-800-22U-Vented_02 Qty. Vertical Power Distribution Unit with 12 x 5/15 sockets Round Pin, 230 Volts AC, 32 Amp with Plug, Horiz. Cable Manager-1U-Loop Shelf-800 Mounting Hardware-(Pack of 20) FHU with 2 FAN 180CFM	COMRACK	22U	16875															
9	AC Temperature control Rack 42 U 600 W x 1200 D(Specification As per Annexure-IVA)	APW	PRRESIDE NT	293450															
10	Intelligent Patch Panel System for 2MB-32 Ports(Specification As per Annexure-IVB) Make: schenieder/Molex/dlink)	Schenieder	Actassi	As per annexure I															
11	Sim based Mobile Router Make: Dlink/digisol	DIGISOL	HR1060	3450															
12	Wireless AC Dual Band Network USB Adapter Make: Dlink/digisol	DIGISOL	NN3430	1200															
13	1-port Gigabit PoE Injector (48v, 0.5 amp) Make: Dlink/digisol	DLINK		1600															

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26	Semimanaged 24 Port Switch(10/100/1000) Make:Dlink/Cisco/Brocade	Dlink	DGS-1210-28		8350														
27	Buy Back Rates for Linkysy SRW2024/ Dlink DGS-1224t				2000					2000									
28	Buy Back Rates for Linkysy Access point WAP 54G									1400									
29	10G BASE-LR SFP+ Multi-mode Fiber Transceiver													Brocade					23800
30	1-port mini-GBIC LX Multi-mode Fiber Transceiver	NQ	NQ	NQ	NQ														
31	1-port mini-GBIC SX Multi-mode Fiber Transceiver												Brocade						
													E1MG-SX-OM						9991
32	1-port mini-GBIC SX Multi-mode Fiber Transceiver for DGS-1210-28	DLINK	NQ	NQ	NQ														3490
33	4"/5" PVC Indoor Cable Duct as per requirement	NQ	NQ	NQ	NQ														
34	Cisco 2911 Rackmountable modular 2U Router with 2 GB RAM and 8 GB Flash memory, 3X10/100/1000 interface RJ-45 Management, 4XEHWIC slots with Cisco Service and support and Warranty.	CISCO	2911		168000														

M/s Viraj Infocomm is lowest in Item no 1 to13,15, 18,19,22,23 to 26,27,34

M/s Aman Technology is lowest in Item No 17,32,14,27,28,30,31,32

M/s MST Electro Solutions is lowest in Item no 29

Tax extra @ 5 %



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Annexure 1

S.no	Description	VIRAJ INFOCOMM		Rate per Unit
		Make	Unit	
1	Patch view+ copper 24 frame 9w/o key stones)	Schenieder	1	13820
2	Smarten Jack utp b&k 568a+b	Schenieder	1	480
3	Patch view + Jumper, CAT 6A s/FTP,C/C 2m	Schenieder	1	890
4	patch view + collector	Schenieder	1	124600
5	patch view + card	Schenieder	1	13200
6	classix STP Patch cord 3.0m	Schenieder	1	600
7	Patch view manager software-standard Package 2000 ports	Schenieder	1	700000

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Asstt. Registrar (H&F)  
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