

Technical Evaluation of I.T Equipment
Elementary Level Server Branded
LOT # 3

Criteria		Compliance	Remarks
Description		MEGAPLUS	
a.	Valid Income Tax registration	OK	
b.	Valid General Sales Tax registration	OK	
c.	Undertaking on Stamp paper that the Firm is not Black listed.	OK	
d.	Income Tax return of the last one year	OK	
e.	Bank Statement showing Financial Soundness (6 Months)	OK	
f.	Authorized Agent/ Sole distributor	OK	
g.	Experience of 02 similar Projects/ Assignment in public institutions	OK	
h.	Undertaking to follow PCTB Schedule	OK	
i.	CDR	OK	
j.	Availability of engineering Staff, inventory of Spare parts and Work Shop facility	OK	
Specifications (Elementary Level Server Branded)			
1	Device : 1U or 2U 2-socket rack server	Dell™ Power Edge R440	
2	Processor : 1*Intel Xeon E5 2600v4 CPU, 8 cores, 20M cache, equivalent or higher	OK	
3	Memory : 32GB DDR4 RDIMM, 2400MHz or higher	OK	
4	Hard Disk : 2*1.2 TB 12Gbps SAS, 10K rpm	OK	
5	RAID Controller: RAID controller card, support RAID 0, 1, 10	OK	
6	Network Adaptor: 4*GE Port or more	OK	
7	Optical Drive : 1*DVD-RW, internal	OK	
8	Power Supply : Redundant hot-swappable dual Power Supply Unit in full configuration	OK	
9	Stability: Support long-term operating temperature under specific conditions	OK	
10	System Management: Provide full features of server management, inclusive of integrated system management, independent remote management, etc.	OK	
11	Compatibility : Supports mainstream operating systems, such as Windows, Linux, SuSE Linux and VMware	OK	
12	Operating System : Microsoft Windows Server 2016 standard Edition 2 Sockets, 2VMs, 5 CALS license with media kit	OK	
13	Warranty : 3 years Warranty	OK	


 Director (I.T.)


 DD(I.T.)


 DD(F&R)


 DD(Procurement)

Technical Evaluation of I.T Equipment
Middle Level Server Branded
LOT # 4

Criteria		Compliance	Remarks
Description		MEGAPLUS	
a.	Valid Income Tax registration	OK	
b.	Valid General Sales Tax registration	OK	
c.	Undertaking on Stamp paper that the Firm is not Black listed.	OK	
d.	Income Tax return of the last one year	OK	
e.	Bank Statement showing Financial Soundness (6 Months)	OK	
f.	Authorized Agent/ Sole distributor	OK	
g.	Experience of 02 similar Projects/ Assignment in public institutions	OK	
h.	Undertaking to follow PCTB Schedule	OK	
i.	CDR	OK	
j.	Availability of engineering Staff, inventory of Spare parts and Work Shop facility	OK	
Specifications (Middle Level Server Branded)			
i.	Device : 1U or 2U 2-socket rack server	Dell™ Power Edge R440	
ii.	Processor : 2*Intel Xeon E5 2600v4 CPU, 8 cores, 20M cache, equivalent or higher	OK	
iii.	Memory : 64GB DDR4 RDIMM, 2400MHz or higher	OK	
iv.	Hard Disk : 4*1.2 TB 12Gbps SAS, 10K rpm	OK	
v.	RAID Controller: RAID controller card, RAID 0, 1, 10	OK	
vi.	Network Adaptor: 4*GE Port or more	OK	
vii.	Optical Drive : 1*DVD-RW, internal	OK	
viii.	Power Supply : Redundant hot-swappable dual Power Supply Unit in full configuration	OK	
ix.	Stability:Support long-term operating temperature under specific conditions	OK	
x.	System Management: Provide full features of server management, inclusive of integrated system management, independent remote management, etc.	OK	
xi.	Compatibility :Supports mainstream operating systems, such as Windows, Linux, SuSE Linux and VMware	OK	
xii.	Operating System :Microsoft Windows Server 2016 standard Edition 2 Sockets, 2VMs, 5 CALS license with media kit	OK	
xiii.	Warranty : 3 years Warranty	OK	


 Director (I.T)


 DD(I.T)


 DD(F&R)
 3/5/18


 DD(Procurement)

Technical Evaluation of I.T Equipment

Firewall (UTM or Equivalent)

LOT # 7

Criteria		Compliance	Compliance	Remarks
Description		Information System Associates	ORBIN	
a.	Valid Income Tax registration	OK	OK	
b.	Valid General Sales Tax registration	OK	OK	
c.	Undertaking on Stamp paper that the Firm is not Black listed	OK	OK	
d.	Income Tax return of the last one year	OK	OK	
e.	Bank Statement showing Financial Soundness (6 Month)	OK	OK	
f.	Undertaking to follow PCTB schedule	OK	OK	
g.	Experience of 02 years similar Projects/ Assignment in public institutions	OK	OK	
h.	CDR	OK	OK	
i.	Availability of engineering Staff, inventory of Spare parts and Work Shop facility	OK	OK	
Specifications (Firewall (UTM or Equivalent))				
Description		SOPHOS UTM XG-210	Fortigate FG300E-BDL	
i.	Firewall Throughput 16 Gbps	OK	OK	
ii.	VPN Throughput 1.45 Gbps	OK	OK	
iii.	IPS throughput 2.7 Gbps	OK	OK	
iv.	Antivirus Throughput(proxy) 2.3Gbps	OK	OK	
v.	Ethernet interface 6 X Gb Ethernet ports and 2X GbE SFP	OK	OK	
vi.	Concurrent Connection 8,200,000 & New Connection / Sec 135,000	OK	OK	
vii.	Maximum licensed user unrestricted	OK	OK	
viii.	Firewall, Networking and Routing Base Traffic Shaping and Quotas built-in Secure Wireless Controller.Authentication & Self-Serve User Portal	OK	OK	
ix.	3 Years License include Sandstorm Protection	OK	OK	
x.	Network Protection, Web Protection, Email Protection, Web Server Protection & Logging and Reporting Bidder responsible for installation /commissioning	OK	OK	

Ata Umar
Director (I.T)

DD
DD(I.T)

DD
DD(F&R)
3/5/18

M. Y. Khan
DD(Procurement)

Technical Evaluation of I.T Equipment

UPS 6KVA

LOT # 8

Criteria		Compliance	Compliance	Compliance	Remarks
Description		Hexagon	ORBIN	Generation System	
a.	Valid Income Tax registration	OK	OK	OK	
b.	Valid General Sales Tax registration	OK	OK	OK	
c.	Undertaking on Stamp paper that the Firm is not Black listed	OK	OK	OK	
d.	Income Tax return of the last one year	OK	OK	OK	
e.	Bank Statement showing Financial Soundness (6 Months)	OK	OK	OK	
f.	Undertaking to follow PCTB Schedule	OK	OK	OK	
g.	CDR	OK	OK	OK	
h.	Experience of 02 years similar Projects/ Assignment in public institutions	OK	OK	OK	
i.	Availability of engineering Staff, inventory of Spare parts and Work Shop facility	OK	OK	OK	

Specifications (UPS 6KVA)

Description		APC Smart UPS RT 6000VA	Crown Micro CMU 6KVA	Crown Micro CMU 6KVA	
i.	6 KVA with dry batteries	OK	OK	OK	
ii.	surge protection, processor control	OK	OK	OK	
iii.	Online Double Conversion Technology	OK	OK	OK	
iv.	3 Phase, 1 phase out at least 20-30 minutes' backup time or higher on 70% load	OK	OK	OK	
v.	0.8 Power factor	OK	OK	OK	
vi.	Serial/USB Port, Plug and Play, UPS Monitoring Software	OK	OK	OK	
vii.	6-8 hours' recharge time	OK	OK	OK	
viii.	With other standard features. Complete deployment and installation	OK	OK	OK	


Director (I.T)


DD(I.T)


DD(F&R)
3/5/18


DD(Procurement)

Technical Evaluation of I.T Equipment
Air Conditioners
Lot # 9

Criteria		Compliance	Compliance	Remarks
Description		S.A Enterprises	IT Clouds	
a.	Valid Income Tax registration	OK	OK	
b.	Valid General Sales Tax registration	OK	OK	
c.	Undertaking on Stamp paper that the Firm is not Black listed	OK	OK	
d.	Income Tax return of the last one year	OK	OK	
e.	Bank Statement showing Financial Soundness	OK	OK	
f.	Undertaking to follow PCTB schedule	OK	OK	
g.	CDR	OK	OK	
h.	Experience of 02 years similar Projects/ Assignment in public institutions	OK	OK	
i.	Availability of engineering Staff, inventory of Spare parts and Work Shop facility	OK	OK	

Specifications (Air Conditioner 4 Ton)

Description		GREE 4.0 Ton Model 48FW	GREE 4.0 Ton Heat & Cool Cabinet Air Conditioner GF-48FWH	
i.	Vertical Cross flow fan with Even air supply	OK	OK	
ii.	Sensitive touch buttons. . Even Thermal Field with heating from bottom to top	OK	OK	
iii.	Sensitive touch buttons. . Even Thermal Field with heating from bottom to top	OK	OK	
iv.	Intelligent Rotary Air Swing. U Shape Evaporator. Cross Flow Fan. High Density Antibacterial Filter	OK	OK	
v.	Complete deployment and installation	OK	OK	

Specifications (Air Conditioner 2 Ton)

Description				
i.	Low Voltage Startup (LVS)	OK (24LM)	OK	
ii.	Six Health Filters. Magic Mirror, Overlong, Multi Fan Speed, Comfortable Fan Speeds	OK (24LM)	OK	
iii.	Memory Function, Automatic Drying Operation, Auto Clean & Intelligent Defrosting	OK (24LM)	OK	
iv.	Big Outdoor Unit with High Efficiency, U Type Inner Groove Copper Pipe, Double Fan, Efficient & Quiet Design, Auxiliary Heating, Cold Air Prevention, Low Temperature Startup, Extra Cooling Performance, Long Throw, Rapid Cooling, Durable	OK (24LM)	OK	
v.	Complete deployment and installation	OK	OK	


Director (I.T)


DD(I.T)


DD(F&R)
 3/5/18


DD(Procurement)

Technical Evaluation of I.T Equipment
Network / I.T Equipment
LOT # 10

Criteria Description		Compliance	Compliance	Remarks
		Hexagon	ORBIN	
a.	Valid Income Tax registration number	OK	OK	
b.	Valid General Sales Tax registration Number	OK	OK	
c.	Undertaking on Stamp paper that the Firm is not Black listed	OK	OK	
d.	Income Tax return of the last one year	OK	OK	
e.	Bank Statement showing Financial Soundness	OK	OK	
f.	Undertaking to follow PCTB schedule	OK	OK	
g.	CDR	OK	OK	
h.	Experience of 02 years similar Projects/ Assignment in public institutions	OK	OK	
i.	Availability of engineering Staff, inventory of Spare parts and Work Shop facility	OK	OK	
Specifications (Network Equipment)				
1.	24 Port Gigabit SG-300 Manageable Switch, Layer 2 16MB Flash Memory, 128 MB RAM or equivalent	OK	OK	
2.	52 Port Gigabit SG-300-52 Manageable Switch, Layer 2 16MB Flash Memory 128B RAM or equivalent	OK	OK	
3.	24 Port Gigabit 3850-24U-L Switch Manageable Switch, Layer 3 , RAM 4 GB, Switch Capacity 92Gbs,(Cisco)	OK	OK	
4.	48 Port Gigabit 3850-48U Switch Manageable Switch, Layer 3 , RAM 4 GB, Switch Capacity 92Gbs,(Cisco)	OK	OK	
5.	Access Points: support 290+Mbps. Must be able to support b and g networks. With two or more Antenna Power Adaptor, SSID based limitation of traffic/rate, Managed AP and standalone working.		OK	
Passive Equipment				
6.	UTP Cat6 cable Roll (305m), 4 pair (23AWG or better) (fluke test pass) (roll) different Color	OK	OK	
7.	Face Plates (with single shutter and loaded with single Gigabit Ethernet supported Tool Less I/O, support for 23AWG or better)	OK	OK	
8.	Face Plates (with dual shutter and loaded with dual Gigabit Ethernet supported Tool Less I/Os, support for 23AWG or better).	OK	OK	
9.	UTP 24-Port Patch Panel complete loaded with Cat6 I/Os,	OK	OK	
10.	Cable Manager	OK	OK	
11.	RJ-45,RJ-11,printer cable tester (3 in One) Brand D-link	OK	OK	
12.	RJ-45 Connector (100 Pieces)	OK	OK	



Technical Evaluation of I.T Equipment
Network / I.T Equipment
LOT # 10

Criteria		Compliance	Compliance	Remarks
Description		Hexagon	ORBIN	
13.	RJ-11 Connector (100 Pieces)		OK	
14.	11 inch Cable Tie (100 Pieces)		OK	
15.	White Self-adhesive Cable Label (600 Pieces)	OK	OK	
16.	Data Cabinet 4 U, having exhaust fan, glass Single door with lock		OK	
17.	Data Cabinet 9 U, having exhaust fan, glass door and key		OK	
18.	Duct 16 x 25 (10 Ft Per Length) Adam Jee or equivalent.	OK	OK	
19.	Duct 16 x 38 (10 Ft Per Length) Adam Jee or equivalent.	OK	OK	
20.	Duct 40 x 40 (10 Ft Per Length) Adam Jee or equivalent.	OK	OK	
21.	PVC Flexible/ Hard pipe 1" with clamps etc. (10 ft. Length)	OK	OK	
22.	PVC Flexible/ Hard pipe 1-1/2 to 2" with clamps etc. (10 ft. Length)	OK	OK	
Computer Accessories				
23.	Power cable (2 pin)	OK	OK	
24.	Power cable (3 pin)	OK	OK	
25.	Standard VGA cable	OK	OK	
26.	Printer USB cable	OK	OK	
27.	USB Mouse	OK	OK	
28.	HP USB 3.0 Flash Drive 16GB	OK	OK	
29.	Seagate Backup Plus internal HDD 500 GB	OK	OK	
30.	Seagate Backup Plus External HDD 1 T.B USB 3.0	OK	OK	
31.	Seagate Backup Plus External HDD 4 T.B USB 3.0	OK	OK	
32.	External Super Drive Optical (DVD writer & Reader , CD writer & Reader) USB 3.0		OK	
33.	Sony DVD-R, 4.7 GB Spindle (100P)	OK	OK	
34.	Sony DVD-R 4.7 GB With Hard Plastic Casing (1 Box =10 Pieces)	OK	OK	
35.	Serial ATA (SATA) Data Cable length 12"		OK	
36.	IDE and SATA to USB Converter		Ok	
Electrical Equipment				
37.	Power cabling (300/500V) dual cable): (7/29) 90 meter/coil.	OK	OK	
38.	Electrical Extensions board (4 points)		OK	
39.	Power Switch Socket Multi interface (2 ,3 Pin) 15 Amp		Ok	
Tools				
40.	Pocket bits Set Box 31 in 1 (Star Tool Kit)		OK	

(Handwritten signatures)

Technical Evaluation of I.T Equipment
Network / I.T Equipment
LOT # 10

Criteria Description		Compliance		Remarks
		Hexagon	ORBIN	
41.	Wire Cutter(Diagonal type Wire Cutter 160mm overall length , 4mm cutting capacity)		OK	
42.	Philips and Flat Screw Driver (Length 25CM)		OK	
43.	Tool kit having Screw Drivers Set (Philips and Flate Length 1.5 inch) and Long nose Plier, Plier, Angle wire cutter and Small Drill Machine 10mm VSR		OK	
44.	Crimping Tool, Network RJ 45, RJ 11		OK	
45.	Iron Hammer Waight 500 Gram With Wood Handle		OK	
46.	Clump Multimeter AC / DC Current Max 600A (UNI-T , UT204A)		OK	
47.	Analog Multimeter SANWA YX-360 TRF		OK	
48.	Blower Black & Decker KTX5000 Air Volume 3.5 m3, Power =600W	OK	OK	
Installation and Testing				
49.	UTP\STP cable lying and termination: Network cabling including labor for ducting, Ethernet cabling, cable punching, testing and I/O fixing up to 80 PC. No. of PC can be increase and decrease.		OK	
50.	Power cabling from nearest power source to distribution box (Data cabinet) including testing as per requirements.		Ok	


 Director (I.T)


 DD(I.T)


 DD(F&R)


 DD(Procurement)

03/05/18