

BID EVALUATION REPORT
(As Per Rule 35 of PP Rules, 2004)

1. Name of Procuring Agency: University of Peshawar
2. Method of Procurement: Open Competitive Bidding: Single Stage – Two Envelope Method
3. Title of Procurement: Supply, Installation and Commissioning of Equipment for Center for IT Services (Establishment of Modular IT Data Center)
4. Tender Inquiry No.: ITB No. 04/UoP/MP-IV/IT
5. PPRA Ref. No. (TSE): TS362328E
6. Date & Time of Bid Closing: September 10, 2018 upto 2:00 PM
7. Date & Time of Bid Opening: September 10, 2018 at 2:30 PM
8. No of Bids Received: Four
9. Criteria for Bid Evaluation: Least Cost amongst the Technically Qualified Proposals
10. Details of Bid(s) Evaluation:

A. Technical Evaluation:

Name of Firm	All Mandatory Requirements Fulfilled	Technical Score (At least 70% required)	Technically Qualified
DWP	YES	85%	Technically Qualified
CMC	YES	97%	Technically Qualified
MegaPlus	YES	76%	Technically Qualified
CNS Engineering	NO; Bill of Material submitted by the Firm did not comply with the Technical Specifications required by the UoP in its bidding documents	-	Technically Not Qualified

B. Financial Evaluation of Technically Qualified Firms/Items:

(Amount in Rupees)

S.N.	Description of Items	Qty	Unit	DWP	CMC	Megaplus
1	Dismantling and Related Civil Work					
1.1	Dismantling, Shifting/reinstalling wooden partitions and all Related Civil Work	1	Job	1,278,066	360,586	750,000
1.2	Anti-Static Flooring in the Data Center & Electrical Panel Room, Skirting, Floor Laying, False Ceiling, Fitting & Fixing, complete in all respect.	1	Job	899,470	496,965	376,250
1.3	Fire Rated Paint Works	1	Job	350,756	186,409	130,000
1.4	LED Lights,	34	Nos	220,558	324,402	183,600
1.5	Motion Sensors OEM	5	Nos	39,585	15,266	13,500
1.6	Emergency Lights	8	Nos	52,312	33,455	38,400
1.7	Exit Lights	3	Nos	13,397	21,324	6,600
1.8	90 Minutes Fire rated doors Local 16 SWG	3	Nos	744,250	281,458	345,000
2	Datacenter Networking and Core Connectivity (Structured Cabling)					
2.1	Cat 6, Cable (305m), Original Copper	18	Nos	333,169	298,344	372,600
2.2	24-port patch panels(Incl jacks) and 6U Cabinets	4	Nos	70,336	67,739	162,000
2.3	Horizontal Cable Manager Front Only 1 RU	4	Nos	6,875	6,138	9,200
2.4	Cat 6 patch cord CM (3m)	160	Nos	88,845	61,033	105,600

2.5	Cat 6 patch cord CM (5m)	160	Nos	148,075	75,550	256,000
2.6	CAT 6 Cable laying and termination	1	Job	793,260	296,056	95,000
2.7	CAT 6 complete nodes certification with Fluke tester (With Reports) along with ducts and all accessories	80	Node	350,621	150,819	14,000
2.8	24-Fiber (OM3) LSZH, Multi-Mode Fiber Cable	1000	Mtr	99,158	540,186	825,000
2.9	Rack Mountable 24 port type ODF SC along with Pigtaills, complete in all respect	13	Nos	115,684	519,295	429,000
2.1	SC-LC Patch Cord, LSZH, Duplex, SM 1 Meters	50	Nos	84,614	126,637	60,000
2.11	SC-LC Patch Cord, LSZH, OM3, Duplex, MM 1 Meters	50	Nos	235,944	141,546	70,000
2.12	6U Wall Mount Cabinet with PDU	4	Nos	164,978	33,656	90,800
2.13	Fiber cable Splicing charges	350	Node	160,573	138,078	113,750
3	Data Center Power System UPS 2(N+1)					
3.1	UPS 2(N+1) 25 KW UPS with Expandability Up to 100KW, Installation, configuration, integration commissioning and test run. complete in all respect.	2	Lots.	7,660,900	14,580,658	9,361,920
4	Power Distribution System, Type Tested LV Electrical Panel, Metered Rack PDU					
4.1	Type tested Low Voltage Electrical Panels Two Mains Incoming circuits, ATS and STS end to end connectivity, Installation, configuration, integration, commissioning and test run. complete in all respect.	2	Lots.	6,266,355	11,417,136	3,977,980
4.2	Power distribution rack based metered/intelligent system, Installation, configuration, integration, commissioning and test run. complete in all respect.	2	Lots.			
4.3	Rack PDU Metered, ZeroU, 32-40A, 230V, Installation, configuration, integration, commissioning and test run. complete in all respect.	12	Nos.			
5	Power Cabling					
5.1	1 x 4C x 95sqmm + 50sqmm Earth cable per phase and neutral from Gen Set to ATS/AMF Panel & Electrical Panel including	1	Lot.	886,600	1,361,170	1,481,750
5.2	1 x 4C x 50 sqmm+ 50sqmm Earth from Electrical Panel to UPS					
5.3	1 x 1 x 50 sqmm for LV Panel Grounding					
5.4	1x 1 x 50 sqmm for UPS Grounding					
5.5	1 x 4C x 50 sqmm for Main In-Row ACs panels A and B					
5.6	SRG and Earthing Bus Bars common interfacing including cabling					
5.7	1.5 sq mm for lights					
5.8	Installation, configuration, integration, commissioning and test run. complete in all respect.					
6	Cable Ladder, Tray/trough for Power, Cooling & Data					

6.1	Powder Coated Galvanized Cable Tray for Power and Cooling, Cable Ladder as per specs given Installation, configuration, integration, commissioning and test run. complete in all respect.	1	Lot	374,400	201,736	270,000
6.2	Fiber Runner, All Fiber and Data Cables trays and trough will be over head and Separate for power and Data, Installation, configuration, integration, commissioning and test run. complete in all respect.	1	Lot	234,000	1,035,129	340,000
7	Earthing/Grounding System					
7.1	Earthing System of Data Center, electrical panel, gensets. Installation, configuration, integration, commissioning and test run. complete in all respect.	3	Pits	421,200	284,496	234,000
8	Diesel Generator					
8.1	Powered Diesel Generator 100kVA. Construction of RCC Foundation Pad, Supply of Sound and Weather Proof Canopy, Day tank Storage Installation, configuration, integration, commissioning and test run. complete in all respect.	1	No	3,152,916	2,433,394	2,950,625
8.2	SYNC Panel, Direct Tap in of transformer output cable and removal of existing TAP Off bus bar will be required Installation, configuration, integration, commissioning and test run. complete in all respect.	1	No	309,400	1,083,463	546,900
8.3	Integration of existing Generator with DCIM with necessary hardware installation and configuration complete in all respect.	1	No	127,400	-	212,000
9	Precision Air Conditioners					
9.1	In-Row 30kW-42 kW, Air Cooled, 380-415V, 50/60Hz, with humidifier and condensation pump (dual power supply function) Detail in RFP(N+1), Installation, configuration, integration, commissioning and test run. complete in all respect.	2	Nos.	8,773,854	13,596,399	7,020,600
10	Hot/Cold Aisle Containment					
10.1	This will be complete solution as per RFP for Hot/Cold Aisle containment with Ceiling and doors and all assembly material	1	Job	900,810	1,975,687	1,599,200
11	Racks and Accessories for Modular Data Center					
11.1	6 x 42U 600mm Wide x 1000mm or greater Deep Enclosure and 2 x InRow Cooling Racks expendable upto 08 Racks with 1 KVM 8Ports Console with cables, Installation, configuration, integration, commissioning and test run. complete in all respect.	1	Lot.	1,155,349	2,646,196	2,728,800
12	Data Center Infrastructure Management (DCIM) Solution					
12.1	DCIM, Installation, configuration, integration and test run. complete in all respect.	1	Job.	2,137,588	3,621,533	1,315,600

13	Security and Environmental Monitoring System					
13.1	Security and EMS as per detail specs given. Installation, configuration, integration, commissioning and test run. complete in all respect.	1	Job.	-	-	821,800
14	Access Control					
14.1	Door Access control with integrated TCP/IP controller, Installation, configuration, integration, commissioning and test run. complete in all respect.	3	Nos	152,100	102,881	203,400
15	Fire Detection & Suppression					
15.1	Supply and installation of intelligent addressable fire detection system in Data Center, ITDC POD Room and Switchboard room. Each room is considered as separate fire suppression zone and all zones will be monitored through fire alarm control panel (FACP). Smoke Detectors, installation, configuration, integration, commissioning and test run. complete in all respect.	1	Job	6,364,554	1,835,388	1,825,000
15.2	Hand Held Fire Extinguisher.	4	Job	41,080	816,100	50,000
16	IP Based CCTV Cameras					
16.1	Indoor Fixed Mini Dome POE, 12/24V Camera Standard 2MP Resolution 20FPS, 1/2 RU Network Video Recorder 8TB, Installation, configuration, integration, commissioning and test run. complete in all respect.	12	Nos	390,343	651,292	262,500
17	Comfort AC					
17.1	2 Tons Floor Standing units installation and commissioning	2	No	335,400	264,117	221,600
18	SAN Storage with Switches					
18.1	Should support iSCSI, IP SAN, FC SAN and NAS, having dual controller in active-active mode as per specs for 4 Servers (Huawei RH2288H V3 having VMWare 6.5 Standard already installed) with Emulex, FC HBA, 16Gb (LPe16002B), 2-Port, SFP+ (with 2x Multi-Mode Optical Transceiver), PCIe 3.0x8 The bidder should provide 2 x 16G FC SAN 24 Port switches with dual power supply, each should have 12 ports activated, Total 24 multimode SFPs for both switches. Installation, configuration, integration, commissioning and test run. complete in all respect.	1	No	7,703,237	8,411,781	4,188,444
19	Firewall With RPS					
19.1	Fortinet Firewall 501E including RPS with 3-years subscription UTM license, VPN licenses for 50 Users Installation, configuration, integration, commissioning and test run. complete in all respect.	1	No	2,871,645	3,798,530	3,701,800

20	Aggregation Switches					
20.1	Aggregation Switch with 1/10G SFP Modules: Gigabit Ethernet L3 fixed configuration chassis in a 1U form factor with 24 100/1000 Base-X SFP ports, 2 10G fixed SFP+ports; L3 Lite routing: Static Routes, IPv4 and IPv6; Stackable Switch, dual power supply without SFP Modules (US, European or Huawei brand only) 3 years warranty/Support	2	No	610,627	1,061,885	6,640,000
21	Access Switches					
21.1	Access Switches with POE feature and having 24-port 10/100/1000 Base T with 2x1 GE SFP Ports, Dual power supplies, Standard 3 years, without SFP Modules Warranty/Support.(US, European or Huawei brand only)	20	No	3,591,434	3,594,011	8,445,250
22	Smart LED Screen					
22.1	Smart LED Screen 40" with LAN and Wifi ports	4	No	234,000	604,574	150,000
23	IP Telephone					
23.1	8 FXS ports with PSTN FXO line in case of power failure 2 10/100 Mbps network ports (switched or routed) Comprehensive codec support, caller ID, flexible dial plans and security protection Support for T.38 fax Advanced security protection with SRTP installation and configuration and integration with University telephone exchange	1	No	444,887	957,240	2,905,000
24	IP Phone Sets					
24.1	Basic IP Phone sets (19) with 2 Ethernet ports vlan support and RJ-9 port , operator set(1) 128x384 or equivalent backlit LCD display20 programmable dual-color buttons per module, 2 pages per module (40 contacts total) BLF/speed dial Daisy-chain up to 3or4 modules for up to 120 or above contacts/extensions BLF (busy lamp field) Call Park/Pick-up, Speed Dial, Presence, Intercom, and conference/ transfer/forward and more)	20	No	339,159	559,503	1,556,250
25	Training					
25.1	VWMare VCP6-NV, CISSP, CEHv10 from authorized training center for 3 IT Staff with exam vouchers	1	No	2,088,000	2,848,825	4,500,000
26	Warranty/Support and Services					
26.1	3 years Warranty/Support and Services. including power fluctuation coverage	1	Job	58,000	3,757,722	1,200,000
27	AVR					
27.1	100kva AVR with installation, Integration and 3 years warranty.	2	No	774,800	776,177	1,375,000
	Power:100 kVA . Phase: 3 Phases , Input: 280V – 460V					

Frequency: 50/60Hz ,Dual Output , 380/400/200 (Phase to Phase) -/+ 3% (Regulated), Power Factor:0.9					
Control: Servo Motor , Short Circuit Protection Required					
Overloading Protection Required, Bypass Manual Switching, Surge Protection Required,					
Standard CE Certified or equivalent					
Total Amount			64,650,563	88,451,965	74,531,719
Add Sales Tax			Included in Unit Price		12,670,392
Total Financial Bid			64,650,563	88,451,965	87,202,111
Amount of 2% CDR attached with the Financial Bid as Bid Security			1,300,000	2,500,000	1,750,000

Recommendations of the Committee:

On the basis of lowest quoted cost amongst the technically qualified firms, the Committee recommended M/S DWP, Islamabad for the 'Supply, Installation and Commissioning of Equipment for Center for IT Services (Establishment of Modular Data Center)' at a total amount of Rs.=64,650,563/- (Rupees Sixty Four Million, Six Hundred and Fifty Thousand, Five Hundred and Sixty Three Only), inclusive of all applicable taxes, as above.

1. Prof. Dr. Shah Khusro
2. Prof. Dr. Saeed Mehfooz
3. Prof. Dr. Azhar Rauf
4. Ms. Aisha Salman
5. Dr. Muhammad Asif
6. Mr. Irfanullah Khan
7. Mr. Shafaat Raza
8. Mr. Falak Naz
9. Mr. Sajid Ali
10. Dr. Yorid Ahsan Zia

[Handwritten signatures of committee members]

Approved by:

Approved

Vice Chancellor

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