



# **DHA SUFFA UNIVERSITY**

DG-78, Off Khayaban-e-Tufail, Phase –VII (Extension), DHA, Karachi – 75500

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## **Tender Document (DSF/CS/01/2018-19)**

### **Procurement of IT Equipment and Network Infrastructure for General Purpose (GP) Lab**

**For**

**Department of Computer Science**

**DHA SUFFA UNIVERSITY,  
(Sponsored / Managed by DHA SUFFA FOUNDATION)**

### **FINANCIAL PROPOSAL**

<b>Date of Issue</b>	<b>:</b>	<b>July 15, 2019</b>
<b>Last date of Submission</b>	<b>:</b>	<b>July 30, 2019 by 02:00 pm</b> <i>(Bidders may be called for a pre-bid meeting)</i>
<b>Financial Proposal Opening</b>	<b>:</b>	<b>Aug 07, 2019 at 02:30 pm</b>

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Signature & Stamp of  
Vendor / Firm / Supplier

## **1. Instructions / information for Responding Companies / Firms / Vendors**

a) While preparing the Financial Proposal, bidders are expected to take into account the requirements and conditions outlined in the Technical Proposal. The Financial Proposal should follow Standard Form (Annexure). It must include all costs associated with the project such as transportation, cartage, services, equipment & accessories and required training.

### **b) Bid Security**

A bid security, in the shape of a Pay Order / Bank Draft in the name of “**DHA SUFFA FOUNDATION**” equivalent to **2.5%** of the total cost of the bid (inclusive of all applicable taxes), should be submitted along with the proposal in a separate sealed envelope, clearly marked as **Bid Security**.

### **c) Performance Security**

Successful bidder shall submit 10% Performance Security of the total cost of the bid offered, in shape of a Pay Order / Bank Draft in the name of “**DHA SUFFA FOUNDATION**” which shall be released according to the following schedule:

- **02%** will be released after successful completion of work which includes supply, installation and commissioning and required trainings etc.
- **08%** will be released after the expiration of the warranty period.

### **d) Validity of the proposal**

Financial Proposal and prices shall remain valid for a period of 90 days from the closing date of the submission of the proposal. However, the responding organization is encouraged to state a longer period of validity for the proposal.

### **e) Currency**

All currency in the proposal shall be quoted in Pakistan Rupees (PKR).

f) Bidders must quote their price inclusive of all applicable taxes.

g) Separate envelopes of Technical Proposal, Financial Proposal & Bid Security should be further enclosed in another envelope & seal of Company should be affixed on opening flaps.

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Signature & Stamp of  
Vendor / Firm / Supplier

- h) Any request for clarification regarding this tender document should be submitted in writing to:

Admin & Security Officer  
DHA SUFFA UNIVERSITY,  
DG-78, Off Khayaban-e-Tufail,  
Phase VII (Ext),  
DHA, Karachi.

PABX : 021-35244853-54 Ext 123  
Direct : 021-35244860  
Fax : 021-35244856

Or

Email: mahmood.hasan@dsu.edu.pk

**i) Terms & Conditions**

Terms & conditions are as provided in the Technical Proposal.

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Signature & Stamp of  
Vendor / Firm / Supplier

**Financial Proposal****1 Supply and Installation of Passive Network Infrastructure for General Purpose Lab at First Floor North Wing**

S. No.	Description	Quantity	Amount (PKR)	
			Amount Per Unit	Total Amount
<b>1.1 Ethernet</b>				
1.	Cat6 Cable Roll 4 Pair (305 Meter Box) Make: 3M Volition \ Orange or equivalent	06 Nos		
2.	Unloaded Patch Panel 48 Port Make: 3M Volition \ Orange or equivalent	03 Nos		
3.	Cable Manager 48 Port Make: 3M Volition \ Orange or equivalent	03 Nos		
4.	Cat6 UTP Jacks Make: 3M Volition \ Orange or equivalent	128 Nos		
5.	Single Shutter Face Plates Make: 3M Volition \ Orange or equivalent	128 Nos		
6.	Cat6 UTP Patch Cable 1 meter Make: 3M Volition \ Orange or equivalent	128 Nos		
7.	Cat6 UTP Patch Cable 3 meter Make: 3M Volition \ Orange or equivalent	128 Nos		
8.	6 Port Power Distribution Unit for Network Rack	01 No		
9.	2 Core 2.5mm power cable for PDU supply	01 No		
<b>1.2 Fiber Optic</b>				
1.	6 Core Multi Mode Indoor Fiber Optic Cable	60 meter		
2.	6 Port Rack Mount Loaded ODF (SC Type)	01 No		
3.	3 Meter Fiber Patch Cords, multi-mode SC to LC (ODF to Switches)	02 Nos		
<b>1.3 Installation and Interconnection</b>				
1.	Complete Installation of Network Racks, Cables Laying and Termination in existing concealed conduits Tagging & Fluke Testing including complete installation material & accessories (Back Box, Connectors, PVC Piping concealed). Fiber Splicing & OTDR Testing	01 Job		

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<b>Total Amount</b>	
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**Total Amount In Words:** \_\_\_\_\_

**Names of Brand(s) Offered:** \_\_\_\_\_

## 2 Procurement of Active Network Infrastructure Equipment for General Purpose (GP) Lab

S. No.	Description	Quantity	Amount (PKR)	
			Amount Per Unit	Total Amount
<b>2.1 Data Network Distribution Switches</b>				
1.	Huawei S5720-52X-LI-AC or Equivalent  48 Ethernet 10/100/1,000 Base-T ports, 4 x 10 Gig SFP+ ports Two models: AC model and DC model, supporting RPS (redundant power supply) Forwarding performance: 144 Mbps Switching capacity: 336 Gbit/s	03 Nos		
<b>2.2 Wifi Access Points</b>				
1.	Cambium CnPilot E410 (Motorola) or Equivalent  802.11ac Wave 2 beam supported Dual Band access point with software based controller 2 years standard warranty	02 Nos		
2.	PoE Injector	02 Nos		
<b>Total Amount</b>				

**Total Amount In Words:** \_\_\_\_\_

**Names of Brand(s) Offered:** \_\_\_\_\_

\_\_\_\_\_  
Signature & Stamp of  
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### 3. Procurement of Computing Equipment and Accessories for General Purpose (GP) Lab

S. No.	Description	Quantity	Amount (PKR)	
			Amount Per Unit	Total Amount
<b>3.1 Professional Desktop PC's for General Purpose Lab</b>				
1.	<b>Brand:</b> Viper Pluto S AIO without Touch Screen or Equivalent <b>Processor:</b> Corei5 (8200) (8th Gen) <b>Memory:</b> 8GB RAM <b>Storage:</b> 1000GB SATA Hard Drive <b>Display:</b> 21.5 FHD Screen <b>Audio:</b> Full Duplex Sound <b>Ports:</b> 1xHDMI Port, 2x3.0 USB and 2x2.0USB Ports <b>WLAN:</b> 802.11 11b/g Wifi interface card <b>Ethernet:</b> Gigabit Lan interface <b>Peripherals:</b> 1xUSB Keyboard and 1xUSB Optical Mouse <b>OS:</b> Free Dos <b>Power:</b> 90W <b>Warranty:</b> 05 Years	100 Nos		
<b>Total Amount</b>				
<b>Total Amount In Words:</b> _____ <b>Names of Brand(s) Offered:</b> _____				

### 4. Procurement of UPS Unit for General Purpose (GP) Lab

S. No.	Description	Quantity	Amount (PKR)	
			Amount Per Unit	Total Amount
1.	ABB UPS Power Value <b>10 kVA/10 kW T</b> , 230V or Equivalent 11T G2, VFI, 50/60Hz, Online double conversion, Tower (plug and play), Overall efficiency 98%, $\pm 1\%$ (referred to 230V), Charging current 0-4 A, Adjustable (internal 20 $\times$ 9 Ah batteries ), Digital charger technology, Output voltage tolerance $\pm 1\%$ (referred to 230V),	01 No		

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	Parallel Kit (parallel board pre-installed, parallel cable provided with each unit), Built-in Manual Bypass Switch <b>Part No. 4NWP100164R0002</b> <b>Warranty: 1 Year UPS and 1 Year Batteries standard warranty</b>			
2.	Installation and Commissioning of UPS	01 Job		
<b>Total Amount</b>				
<b>Total Amount In Words:</b> _____				
<b>Names of Brand(s) Offered:</b> _____				

### 5. Procurement of Microsoft Office 2019 Standard Academic Licenses for General Purpose (GP) Lab

S. No.	Description	Quantity	Amount (PKR)	
			Amount Per Unit	Total Amount
1.	Microsoft Office 2019 Standard Academic OLP License	100 Nos.		
<b>Total Amount</b>				
<b>Total Amount In Words:</b> _____				
<b>Names of Brand(s) Offered:</b> _____				

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**Name of the Brand (s) Offered:**

**Warranty:** All equipment / component must carry comprehensive onsite OEM warranties, bidders must be agreed to provide at least 01 (One) Year free comprehensive warranty which must include Labor, Parts replacement and any other related service.

**Note:**

- (i) Bidders must comply with the minimum specification required as provided in the above cited BoQ.
- (ii) Bidders may be called to attend a Pre-Bid Meeting at DSU.
- (iii) Provide complete brochures / reference / details of the equipment offered for evaluation purpose.

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Signature & Stamp of  
Vendor / Firm / Supplier

**Information Required from Responding Companies / Firms / Vendors**

Name of the Responding Company / Firm / Vendor	
Year of Establishment	
Name of Contact Person	
Cell No.	
Office Address	
Office Phone No.	
Office Fax No.	
Email	
NTN No. (attach a copy)	
GST Reg. No. (attach a copy)	
<b>KARACHI OFFICE</b>	
Name of Contact Person	
Cell No.	
Office Address	
Office Phone No.	
Office Fax No.	
Email	

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Signature & Stamp of  
Vendor / Firm / Supplier