



**UVA WELLASSA UNIVERSITY  
PASSARA ROAD  
BADULLA**

**INVITATION FOR BIDS  
FOR  
PROPOSED INTERACTIVE CLASSROOM ARRANGEMENT IN  
A1 CLASSROOM – STAGE II**

**(UWU/AHEAD/ELTAELSE/FAS/NCB/WORKS/13)**

**BID DOCUMENT**

**Bidder's Name** : .....

**Address** : .....

.....

## TABLE OF CONTENT

1.	INVITATION FOR BIDS.....	3
2:	FORM OF BID .....	5
3 :	QUALIFICATION INFORMATION .....	6
4 :	FORM OF BID SECURITY .....	7
5 :	FORM OF BID SECURITY DECLARATION .....	8
6 :	SCHEDULE .....	9
7:	BILLS OF QUANTITIES.....	12

## Invitation for Bids (IFB)

Director/OTS  
Uva Wellassa University,  
Passara Road,  
Badulla

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### **PROPOSED INTERACTIVE CLASSROOM ARRANGEMENT IN A1 CLASSROOM – STAGAE II**

**Contract No:- UWU/AHEAD/ELTAELSE/FAS/NCB/WORKS/13**

1. The **Chairman, Project Procurement Committee (University)** on behalf of the Uva Wellassa University, invites sealed bids from eligible and qualified bidders for **PROPOSED INTERACTIVE CLASSROOM ARRANGEMENT IN A1 CLASSROOM – STAGE II** as described below for an estimated cost of **Rs. 1.01 Mn (Without VAT & Contingencies)**.

**Scope of work includes interior works with data networking and related services etc. Contract period is 60 Days.**

2. Bidding will be conducted through **National Competitive Bidding** Procedure.
3. To be eligible for contract award, the successful bidder shall not have been blacklisted and shall meet the **business registration in data networks or related works**. Further, evaluation of the bids will be based on the Public Financial Circulars valid at the time of closing of the bids.
4. Interested bidders may obtain further information from **Deputy Director Procurement / AHEAD-OTS Division of Uva Wellassa University, Badulla** and inspect the bidding documents at the address given below from **9.00 AM to 4.00 PM on Weekdays except public holidays**.
5. Bids shall be delivered to the address below on or before **2.00 pm on 22/11/2021**. Late bids will be rejected. Bids will be opened soon after closing in the presence of the bidders' representatives who choose to attend.
6. A complete set of Bidding Documents in English language may be purchased by interested bidders on the submission of a written application to the **Deputy Director Procurement (AHEAD/OTS)** from **1/11/2021 to 19/11/2021** during 9.00 AM to 4.00 PM.

7. All bids shall be accompanied by a **valid bid bond of Rs.10,100.00 from a bank approved by the Central Bank of Sri Lanka or by a valid insurance bond or cash deposit to the University Shroff counter or AHEAD/OTS Office will also be accepted.** (Bidder shall submit the original insurance bond or /original receipt received from Shroff counter)
8. **Bids Shall be Valid up to 28/2/2022.**
9. **Condition of Contract – SBD III Volume I Second edition January 2007 and proceeding amendments**
10. **A pre bid meeting and site visit is scheduled to be held at 10.00 am on 8/11/2021 at the Mini Board Room Senate Building.**

Deputy Director Procurement

AHEAD/OTS

**FORM OF BID**

**PROPOSED INTERACTIVE CLASSROOM ARRANGEMENT IN A1 CLASSROOM –  
STAGE II**

**Contract No:- UWU/AHEAD/ELTAELSE/FAS/NCB/WORKS/13**

Uva Wellassa University  
Passara Road  
Badulla

Sir,

1. Having examined the Standard Bidding Document - Procurement of Works - Minor Contracts [ICTAD/ SBD/ 03 - Second Edition, January 2007], Schedule, Specifications, Drawings and Bills of Quantities and addenda for the execution of the above-named Works, we/I the undersigned, offer to execute and complete such Works and remedy any defect therein in conformity with the aforesaid Conditions of Contract, Schedule, Specifications, Drawings, Bill of Quantities and Addenda for the sum of Sri Lankan Rupees ..... (LKR .....) or such other sums as may be ascertained in accordance with the said Conditions.
2. We/I acknowledge that the Schedule forms part of our Bid.
3. We/I undertake, if our Bid is accepted, to commence the Works as stipulated in the Schedule, and to complete the whole of the Works comprised in the Contract within the time stated in the Schedule.
4. We/I agree to abide by this bid for the period stated in the Sub-Clause 15 of Instructions to Bidders or any extended period and it shall remain binding upon us and may be accepted at any time before the expiration of that period.
5. Unless and until a formal agreement is prepared and executed this Bid, together with your written acceptance thereof, shall constitute a binding contract between us/me.
6. We/I understand that you are not bound to accept the lowest or any Bid you may receive.

Dated this ..... day of ..... 20..... in the capacity of ..... duly  
authorized to sign tenders for and on behalf of  
.....

(IN BLOCK CAPITALS)

Signature : .....

Address : .....

Witness : .....

## Qualification Information

(to be completed by the bidder and submitted with the Bid)

	Eligibility Requirement	Bidder's Qualification
<b>ICTAD Registration</b>		
Registration number	Business registration	
Grade	Bidders to specify	
Specialty	related with data networking	
Expiry Date		
<b>Backlisted Contractors</b>		
Have you been declared as a defaulted contractor by NPA or any other Agency?		Yes/No
IF yes provide details		
<b>VAT Registration Number</b>		
<b>Construction Program</b>	(attach as annex)	
<b>Legal status</b>	Public company/Private Company/Partnership/Sole proprietor	

	Eligibility Requirement		Bidder's Qualification
<b>Qualification and experience of key staff</b>	Category, Experience and Qualifications  (Insert requirement)*	Required Nos.*	Proposed by bidder (Name, experience and Qualifications)
	<b>1 Interior experiences technical officer/supervisor</b>	<b>01</b>	
<b>List other information required</b>			
<b>Past Experience</b>	<b>1. Experience in at least one similar interior work completed in last 5 years including in data networking exceeding Rs.0.6 Mn.</b> <b>2. Attach relevant pages in bidder's business registration etc</b> <b>3. Attach relevant documents related with past experience etc.</b>		

Signature of the Bidder : .....

## FORM OF BID SECURITY

*[this Guarantee form shall be filled in accordance with the instructions indicated in brackets]*

----- *[insert issuing agency's name, and address of issuing branch or office]*

**Beneficiary:** Vice Chancellor, Uva Wellassa University, Passara Road, Badulla

**Date:** ----- *[insert (by issuing agency) date]*

**BID GUARANTEE No.:** ----- *[insert (by issuing agency) number]*

We have been informed that ----- *[insert (by issuing agency) name of the bidder]* (hereinafter called "the bidder") has submitted to you its bid dated ----- *[insert (by issuing agency) date]* (hereinafter called "the Bid") for the execution of **[PROPOSED INTERACTIVE CLASSROOM ARRANGEMENT IN A1 CLASSROOM – STAGE II]** under Invitation for Bids No. UWU/AHEAD/ELTAELSE/FAS/NCB/WORKS/13

Furthermore, we understand that, according to your conditions, Bids must be supported by a Bid Guarantee.

At the request of the bidder, we ----- *[insert name of issuing agency]* hereby irrevocably undertake to pay you any sum or sums not exceeding in total an amount of ----- *[insert amount in figures]* ----- *[insert amount in words]*) upon receipt by us of your first demand in writing accompanied by a written statement stating that the Bidder is in breach of its obligation(s) under the bid conditions, because the Bidder:

- (a) has withdrawn its Bid during the period of bid validity specified; or
- (b) does not accept the correction of errors in accordance with the Instructions to Bidders (hereinafter "the ITB"); or
- (c) having been notified of the acceptance of its Bid by the Employer during the period of bid validity, (i) fails or refuses to execute the Contract Form, if required, or (ii) fails or refuses to furnish the Performance Security, in accordance with the ITB.

This Guarantee shall expire: (a) if the bidder is the successful bidder, upon our receipt of copies of the Contract signed by the bidder and of the Performance Security issued to you by the bidder; or (b) if the bidder is not the successful bidder, upon the earlier of (i) the successful bidder furnishing the performance security, otherwise it will remain in force up to ----- *(insert date)*

Consequently, any demand for payment under this Guarantee must be received by us at the office on or before that date.

-----  
*[signature(s) of authorized representative(s)]*

## FORM OF BID SECURING DECLARATION

*[If required, the **Bidder** shall fill in this form in accordance with the instructions indicated in brackets; \* delete as appropriate]*

Name of contract ----- *[insert name by PE]*

Contract Identification N<sup>o</sup>: -----*[insert number by PE]*

Invitation for Bid No.: ----- *[insert number by PE]*

To: ----- *[insert the name of the Employer preferably PE to fill before issuing the bidding document]*

I/We, the undersigned, declare that:

1. I/We understand that, according to instructions to bidders (hereinafter “the ITB”), bids must be supported by a bid-securing declaration;
2. I/We\* accept that we shall be suspended from being eligible for contract award in any contract where bids have being invited by any of the Procuring Entity as defined in the Procurement Guidelines published by National Procurement Agency of Sri Lanka, for the period of time of *three years* starting on *the latest date set for closing of bids of this bid*, if I/We:
  - (a) withdraw our Bid during the period of bid validity period specified; or
  - (b) do not accept the correction of errors in accordance with the Instructions to Bidders of the Bidding Documents; or
  - (c) having been notified of the acceptance of our Bid by you, during the period of bid validity, (i) fail or refuse to execute the Contract Form, if required, or (ii) fail or refuse to furnish the performance security, in accordance with the ITB.
3. I/We\* understand this bid securing shall expire if we are not the successful bidder, upon the earlier of (i) the successful bidder furnishing the performance security; or (ii) twenty-eight days after the expiration of our bid.

Signed .....

In the Capacity of .....

Name .....

Dated on .....day of .....



## Schedule

ITB Clause	Conditions of Contract Clause	Item	Data
1.	1.1.8	Employer is :	Name : <b>Vice Chancellor</b> Address: <b>Uva Wellassa University,</b>  <b>2<sup>nd</sup> Mile Post</b> <b>Passara Road, Badulla</b>
	1.1.10	Engineer is:	Name : <b>Deputy Director-Engineering</b> Address: <b>Uva Wellassa University,</b>  <b>2<sup>nd</sup> Mile Post</b> <b>Passara Road, Badulla</b>
1 & 13	1.1.21	Summary of Works	<b>The work consists of: interior works with services</b>  Contract Name : <b>PROPOSED INTERACTIVE CLASSROOM ARRANGEMENT IN A1 CLASSROOM – STAGE II</b>  Contract Number <b>UWU/AHEAD/ELTAELSE/FAS/NCB/WORKS/13</b>
1.	1.1.14	Intended Completion Date	Intended Completion Date is <b>60 Days</b> from the Start Date
2.		Source of Funds	The source of funds is <b>WORLD BANK</b>
3.		Eligibility	The requirement is;  <b>* Having business registration in data networking or related works</b>
12.		Documents of the Bid	Any other information - No
13.	10.10	Price Adjustment	<b>Is not entitled</b>

16	Bid Security / Bid Securing Declaration	<p>Bid shall include a Bid Security/Insurance bond: for an amount <b>Rs.10,100.00</b> from a bank approved by the Central Bank of Sri Lanka or by cash deposit to the University Shroff counter will also be accepted.</p> <ul style="list-style-type: none"> <li>• issued by an agency acceptable to Employer using the form for bid security (unconditional guarantee) included in</li> <li>• Section 9, Standard Forms.</li> <li>• remain valid till <b>8/11/2021</b></li> <li>• <b>OR</b></li> <li>• Bid shall include a Bid-Securing Declaration using the form included in Section 9.”</li> </ul>
31.	4.4 Performance Security	<p>Amount of Performance Security required is <b>05</b> % of the Initial Contract Price.</p> <p>The form acceptable is <b>from a bank approved by the Central Bank of Sri Lanka or by cash deposit to the University Shroff counter will also be accepted.</b></p>
	6.4 Late Completion	<p>The amount to be paid is <b>0.05%</b> of Initial Contract Price per Day, subjected to maximum of <b>5%</b> of Initial Contract Price.</p>
	8.1 Notification of Defects	<p>The period for Defect Notification is <b>180 Days</b> from Taking Over.</p>
	10.3 Retention	<p>The amount of retention is 10% of certified work done in each bill</p> <p>The maximum amount of retention is 5% of Initial Contract Price.</p>

<b>ITB Clause</b>	<b>Conditions of Contract Clause</b>	<b>Item</b>	<b>Data</b>
	10.12	Advance Payment	Upon the payment of the advance payment in full the Employer shall return the original of the advance payment guarantee to the Contractor.
	13.1 (c)	Insurance, third party	Minimum amount for third party insurance is Rupees .....
	13.1	Insurance for Contractor's Personnel	Minimum amount for Insurance for Contractor's Personnel is Rupees.....
33.	1.1.11	Adjudicator	Fees and types of reimbursable expenses to be paid to the Adjudicator shall be on a case to case basis and shall be shared by the Contractor and the Employer.
	14.0	Resolution of Disputes	

## BILL OF QUANTITIES

Item	Description	Qty	Unit	Rate (Rs.)	Amount (Rs.)
	<b>Preambles to BOQ</b>				
	<b>Bidders are requested to refer the attached specifications and schedules before pricing the BOQ</b>				
	<b>Local Area Network (LAN)</b>				
<b>1</b>	<b>Supply, Installation &amp; Configuration of Following Ethernet Switches and Wireless Access Point</b>				
1.1	24- Ports 10/100/1000 Layer 2 Switch with 2 * SFP Ports	Nr	1		
1.2	Rucker's R710 Indoor 802.11ac Wave 2 3x3:3 Wi-Fi Access Point	Nr	1		
<b>2</b>	<b>Supply and Installation of Following UPS</b>				
2.1	1.2 kVA Line Interactive UPS with 10 Minutes (Minimum) Backup Time	Nr	1		
<b>3</b>	<b>Supply and Installation of Following UTP Patch Panels</b>				
3.1	24-Ports CAT6 UTP Fully Loaded Patch Panel	Nr	1		
<b>4</b>	<b>Supply and Installation of Cable Management Panels</b>				
4.1	1U 19" Rack mountable Cable Management Panel	Nr	1		
5.1	Supply and laying CAT 6e cable for <b>20 data points</b> including necessary casings. Price shall include for necessary casings Ts, joints, corner beadings, flexible hose, clips, nails, scaffolding arrangements. Work shall complete without disturbing the tide appearance of area including relevant civil works as per attached drawing (approx. length of cabling 640m)	Item	1.00		
5.2	Supply and Installation of Faceplates, sub boxes 3M or equivalent	Nr	20.00		
5.3	Supply and Installation of RJ45 Keystone Jack 3M or equivalent	Nr	40.00		
5.4	Copper Testing and issuing a Test Report -20 links	Item	1.00		
<b>6</b>	<b>Supply and Installation of Following UTP Patch Leads</b>				
6.1	Supply and installation/handing over of 2.0m patch leads from face plates to PC 3M or equivalent	Nr	19.00		
6.2	Supply and installation of 1m patch leads from data switches to patch panels. 3M or equivalent	Nr	20.00		
<b>7</b>	<b>Testing and Commissioning</b>	Item	1.00		
9.0	Allow for services improvement and builders work, etc	PS	1.00	70,400.00	70,400.00
9.0	Contractor's % overhead and profit for BOQ item 9.0 is (plz specify the % here)	Item	1.00		
	Total				

**SUMMARY SHEET**

<b>TOTAL SUMMARY</b>	<b>Rs.</b>
<b>TOTAL CONSTRUCTION COST</b>	
<b>DISCOUNT (IF APPLICABLE)</b>	
<b>TOTAL WITH DISCOUNT</b>	
<b>VAT 8%</b>	
<b>GRAND TOTAL</b>	

Total amount in words (Without VAT)

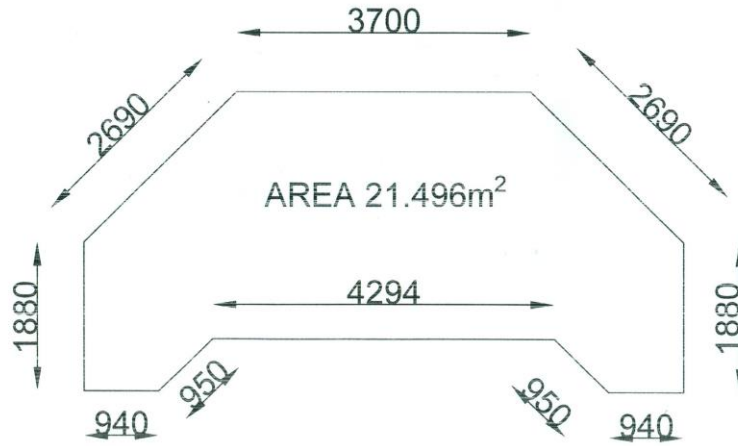
.....  
 .....  
 .....

Total amount in words (With VAT)

.....  
 .....  
 .....

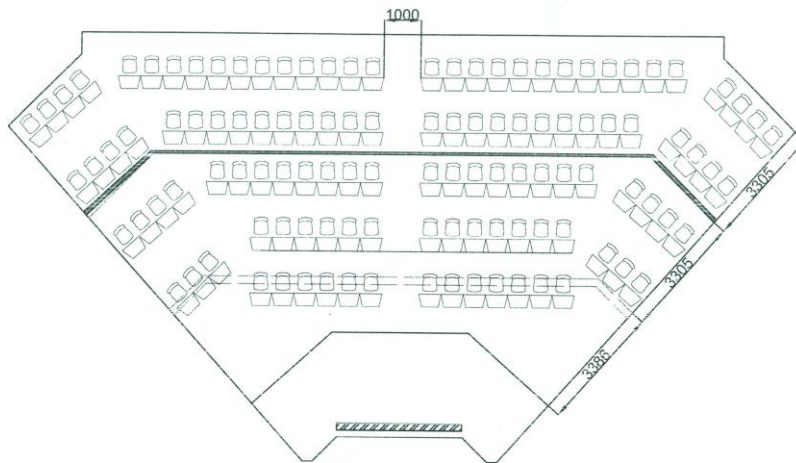
.....  
 Authorized signature of bidder (Official Seal)

ITEM NO 1.4



ITEM NO 1.3

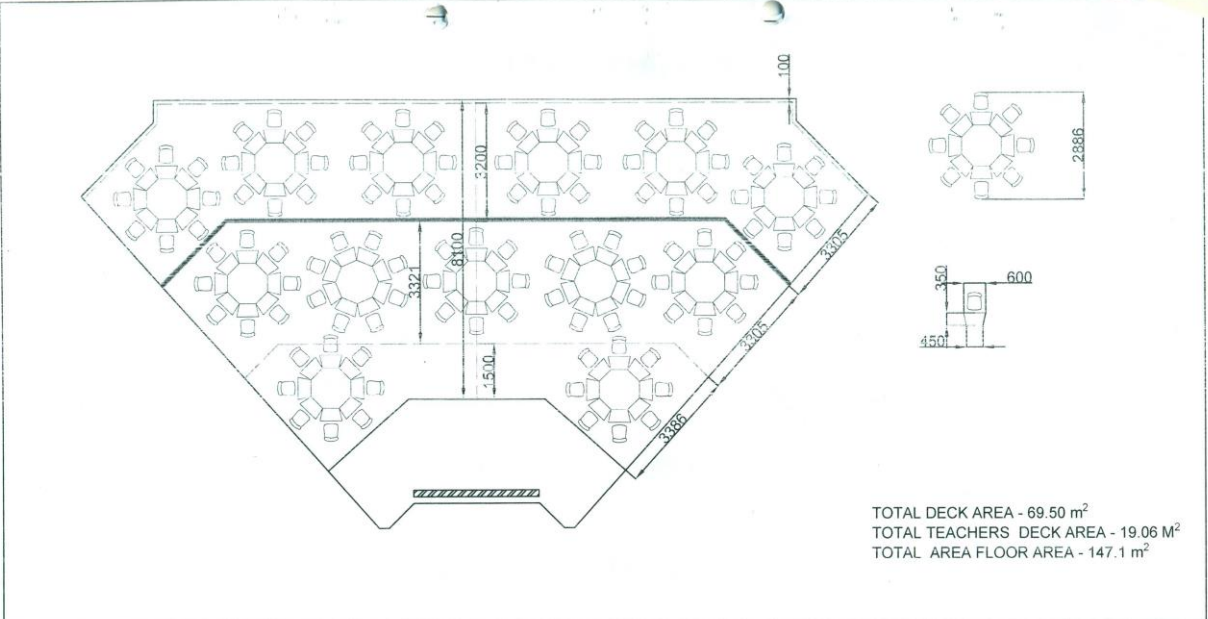
4/13



TOTAL STUDENT DECK AREA - 69.50 m<sup>2</sup>  
TOTAL TEACHERS DECK AREA - 19.06 m<sup>2</sup>  
TOTAL AREA FLOOR AREA - 147.1 m<sup>2</sup>

PROPOSED TABLE ARRANGEMENTS AT BLOCK A -UWU





TOTAL DECK AREA - 69.50 m<sup>2</sup>  
 TOTAL TEACHERS DECK AREA - 19.06 M<sup>2</sup>  
 TOTAL AREA FLOOR AREA - 147.1 m<sup>2</sup>

PROPOSED TABLE ARRANGEMENTS AT BLOCK A -UWU



**SPECIFICATION OF  
LOCAL AREA NETWORK (LAN) SYSTEM**



## **1. Scope of Work**

All the installation works in the Bill of Quantities (BOQ) perform the work according to the Building Standards. The contractor shall be responsible for supply and install of BOQ items and testing, commissioning and maintaining of fully functional Local Area Network (LAN) as specified herein, indicated on the drawings issued during the installations or/and as instructed by Engineer.

## **2. Warranty and Support**

1. All cabling works (passive) shall have 20 years' systems warranty issued by the manufacturer. Contractor shall supervise and guide staff in maintaining to obtaining 20 years' system warranty.
2. All other items comprehensive warranty shall be provided for a period of three (3) years from the date of handing over for active items. It shall include free provision of spare parts, kits etc.
3. Manufacturer Authorization letters shall submit for the active and passive equipment.
4. Data sheets for active and passive equipment shall be provided.
5. Network enclosure and other items should clean within the free maintenance period.

**TECHNICAL SCHEDULES**  
**OF**  
**LOCAL AREA NETWORK SYSTEM**

**1.1) 24 - Ports 10/100/1000 Layer 2 Switch with 2 SFP Ports**

Item	Minimum Requirement	Compliance	
		Yes / No	Bidder's Response
Manageability	Manageable Layer 2 Switch		
	CLI through Telnet or Web based GUI Configuration		
	Management with at least two privilege levels (read only/ read & write)		
	Password protection for all privilege levels		
	Traffic Prioritization with IEEE 802.1p compliance and support for traffic analysis on ports		
Switching Capacity	52 Gbps or higher as per requirement		
Ports	24x 10/100/1000 Mbps ports, 2x 1Gbps SFP Uplink ports or higher		
	Manual Configuration of speed and duplex mode in all ports		
	Should support IEEE 802.3 Type 10BASE-T, IEEE 802.3u Type 100BASE-TX, IEEE 802.3ab Type 1000BASE-T, IEEE 802.3z: 1000 BASE-X		
Supported protocol	Link Aggregation Control Protocol (LACP)		
	IEEE 802.1D: Spanning Tree Protocol		
VLANs MAC address table power supply	IEEE 802.1w:Rapid Spanning Tree Protocol (RSTP) must be followed At least 1000 IEEE 802.1Q VLANS 8000 entries 230V AC 50/60Hz		
Mounting	19" Rack-mountable		
Form factor	1U		
Warranty and Support	3 years comprehensive OEM warranty		
Model Details	Related Data Sheet / Technical Literature for the quoted model is attached with the bid		
Make			
Country of Origin			
Country of Manufacture			

**1.2 Rucker's R610 Indoor 802.11ac Wave 2 3x3:3 Wi-Fi Access Point**

Item	Minimum Requirement	Compliance	
		Yes / No	Bidder's Response
Brand	Rucker's		
Model	R710		
Features/ Accessories	<ul style="list-style-type: none"> <li>• Access point</li> <li>• Bracket</li> <li>• Media converter</li> <li>• controller license &amp; support for 3 years period</li> </ul>		
Installation and configuration	Should be connect with existing Rucker's wireless controller		
Warranty and support	3 years comprehensive warranty		

**2.1) 1.2 KVA Line Interactive UPS with 10 Minutes (Minimum) Backup Time**

Item	Minimum Requirement	Compliance	
		Yes / No	Bidder's Response
Type	Line Interactive, Power generator compatible, 19" rack mountable		
Output power	1.2 kVA or higher as required		
Input / Output Voltage	230V		
Nominal frequency	50-60Hz		
Battery backup time (Full Load)	Minimum 10 minutes		
Protection	Power failures, Battery discharge, Poor battery, abnormal UPS behaviors must be alarmed through Audible Alarms and Lighting (LEDs)		
Warranty and support	3 years comprehensive OEM warranty		
Model Details	Related Data Sheet / Technical Literature for the quoted model is attached with the bid		
Make			
Country of Origin			
Country of Manufacture			

### 3.1) 24-Ports CAT6 UTP Fully Loaded Patch Panel

Item	Minimum Requirement	Compliance	
		Yes / No	Bidder's Response
Ports	24 Ports (Including CAT6 RJ45 Keystone modules)		
	Bandwidth of 250 MHz or higher for each port		
	Each port must accept 4 pairs of solid 24 AWG conductor		
	Satisfy or exceed Category 6 standards		
Form factor	1U rack height		
	19-inch rack mounts construction per EIA-310		
Manageability	Labeling		
	Rear Cable management bar		
Standards	All patch panels shall be ANSI/TIA/EIA 568-C.2 CAT 6 and ISO/IEC 11801 Class E standard complaint. Product shall have a standard certification number		
Warranty and support	20 years system warranty		
Model Details	Related Data Sheet / Technical Literature for the quoted model is attached with the bid		
Make			
Country of Origin			
Country of Manufacture			

### 4.1) Cable Management Panel

Item	Minimum Requirement	Compliance	
		Yes / No	Bidder's Response
Panel	19" Rack mountable, 1U, Metal with lid		
Color	Black		
Warranty and support	20 years system warranty		
Model Details	Related Data Sheet / Technical Literature for the quoted model is attached with the bid		
Make			
Country of Origin			
Country of Manufacture			

**5.1, 5.2 Single Faceplate with RJ45 Keystone Jacks**

Item	Minimum Requirement	Compliance	
		Yes / No	Bidder's Response
Ports	Complete Dual Faceplate with shutters and CAT 6 (RJ45) Keystone Jacks		
Standards	IEEE802.3:10BASE-T, IEEE802.3u:100BASE-TX, IEEE 802.3ab: 1000BASE-T		
	ANSI/TIA/EIA 568-C.2 CAT 6 and ISO/IEC 11801 Class E		
	Product shall have a standard certification number		
	Bandwidth of 250 MHz or higher		
	Gold plated Jack contacts		
Warranty and support	20 years system warranty		
Model Details	Related Data Sheet / Technical Literature for the quoted model is attached with the bid		
Make			
Country of Origin			
Country of Manufacture			

**5.3) Copper Testing and issuing a Test Report**

Item	Minimum Requirement	Compliance	
		Yes / No	Bidder's Response
Description	Fluke or similar		

**6.1, 6.2) CAT 6, Unshielded Patch Cords & Ply Leads**

Item	Minimum Requirement	Compliance	
		Yes / No	Bidder's Response
Length	1m, 2m		
Standards	Satisfy or exceed Category 6 standards		
	IEEE802.3:10BASE-T, IEEE802.3u:100BASE-TX, IEEE 802.3ab: 1000BASE-T		
	ANSI/TIA/EIA 568-C.2 CAT 6 and ISO/IEC 11801 Class E		
	Bandwidth of 250 or higher		
	Must accept 4 pairs,8 conductor, solid strand 24 AWG copper conductors		
	Patch cords and leads shall be factory terminated with two RJ-45 plugs and safety boots		
	Color	Blue Color	
Warranty and support	20 years system warranty		
Model Details	Related Data Sheet / Technical Literature for the quoted model is attached with the bid		
Make			
Country of Origin			
Country of Manufacture			