

**DEMOCRATIC SOCIALIST REPUBLIC OF  
SRI LANKA**



**UVA WELLASSA UNIVERSITY**

**SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF COMPUTER &  
COMPUTER RELATED EQUIPMENT FOR DEPARTMENT OF COMPUTER SCIENCE  
FACULTY OF SCIENCE AND TECHNOLOGY**

**UWU/G/NCB/18/04**

**BIDDING DOCUMENT**

<b>Bid Opening On</b>	11 <sup>th</sup> June 2018 - 2.00 p.m.
<b>Bid Validity up to</b>	91 days from 11 <sup>th</sup> June 2018

Uva Wellassa University  
Passara Road,  
Badulla,  
Sri Lanka

  
Deputy Bursar (Stores & Supplies)  
Uva Wellassa University  
Passara Road, Badulla.

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## INVITATION FOR BIDS UVA WELLASSA UNIVERSITY



### **Supply, Delivery, Installation & Commissioning of Computer & Computer Related Equipment for Department of Computer Science, Faculty of Science and Technology UWU/G/NCB/18/04**

The Chairman, Department Procurement Committee, on behalf of the Uva Wellassa University, invites sealed bids from eligible and qualified bidders for **Supply, Delivery, Installation & Commissioning of Computer & Computer Related Equipment for Department of Computer Science, Faculty of Science and Technology**

1. Bidding will be conducted through the National Competitive Bidding (NCB) procedure.
2. Bidder should have at least three years' experience in the relevant field in Sri Lanka.
3. Interested eligible bidders may obtain further information from the Deputy Bursar / Supplies, Uva Wellassa University, Passara Road, Badulla, (Tel. No: 055-2226475, Fax No: 055-2226633), and inspect the bidding documents at the Supplies Division of the University between 9.00 am to 3.00 pm from **21<sup>st</sup> May 2018 to 10<sup>th</sup> June 2018 and up to 12.30 p.m. on 11/06/2018.**
4. A complete set of bidding documents in English may be purchased by interested bidders on submission of a written application to the Deputy Bursar/ Supplies, Uva Wellassa University, Passara Road, Badulla and upon payment of a non-refundable fee of Rupees 3,700.00 in cash at the Shroff Counter of the University. The bidder can also download the bidding documents from the University website [www.uwu.ac.lk](http://www.uwu.ac.lk). Those who are obtaining bidding documents from the University website should submit the complete documents along with a Bank Draft drawn in favour of the "Vice Chancellor, Uva Wellassa University" for Rs. 3,700.00 as non-refundable fee or the payments could be made to any branch of Bank of Ceylon, to the Uva Wellassa University, Account No: 3114820, and the original of the cash receipt/deposit slip to be attached with the bidding documents. The documents may be purchased until **12.30 p.m. on 11<sup>th</sup> June 2018.**
5. Bids must be delivered to be addressing **Chairman, Department Procurement Committee, Uva Wellassa University, Passara Road, Badulla**, on or before **2.00 p.m. on 11<sup>th</sup> June 2018** Please indicate the "**SUPPLY, DELIVERY, INSTALLATION & COMMISSIONING OF COMPUTER & COMPUTER RELATED EQUIPMENT FOR DEPARTMENT OF COMPUTER SCIENCE, FACULTY OF SCIENCE AND TECHNOLOGY - UWU/G/NCB/18/04**" on the top left hand corner of the envelope.
6. All bids must be accompanied by a Bid Security addressed to the **Chairman, Department Procurement Committee, Uva Wellassa University**, valid for 120 days from the date of the bid opening. The Value of the Bid Security shall be **Rs. 164,200.00**
7. Pre Bid meeting will be held at **03.00 p.m. on 30<sup>th</sup> May 2018**, at the Board Room of Uva Wellassa University.
8. The bids shall be deposited in the 'Tender Box' available in the Registrar's Office of the University, or sent under Registered Cover to be received before the deadline to the address given Clause No.5.
9. Late bids will be rejected. Bids will be opened immediately after the closing of bids, in the presence of the bidders or their authorized representatives who choose to attend the bid opening at the board room of the Uva Wellassa University.

Chairman,  
Department Procurement Committee,  
Uva Wellassa University, Passara Road,  
Badulla  
Tel/ Fax No: 055-2226475, 055-2226633

Deputy Bursar (Stores & Supplies)  
Uva Wellassa University  
Passara Road, Badulla.

## **Section I.**

### **Instructions to Bidders (ITB)**

This Bidding Document is based on the standard bidding document for National Competitive Bidding (NPA/Goods/SBD 01). Section I will not be provided with this bidding document. Bidders are instructed to refer the Section I of the standard bidding document (NPA/Goods/SBD 01). The document is available at the website of NPA, [www.npa.gov.lk](http://www.npa.gov.lk)

## **Section VI.**

### **Conditions of Contract**

This Bidding Document is based on the standard bidding document for National Competitive Bidding (NPA/Goods/SBD 01). Section VI will not be provided with this bidding document. Bidders are instructed to refer the Section VI of the standard bidding document (NPA/Goods/SBD 01). The document is available at the website of NPA, [www.npa.gov.lk](http://www.npa.gov.lk)

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# Contract Agreement

THIS CONTRACT AGREEMENT is made

the [ insert: number ] day of [ insert: month ], [ insert: year ].

BETWEEN

(1) [Insert complete name of Purchaser], a [insert description of type of legal entity, for example, an agency of the Ministry of ..... or corporation and having its principal place of business at [insert address of Purchaser] (hereinafter called “the Purchaser”), and

(2) [Insert name of Supplier], a corporation incorporated under the laws of [insert: country of Supplier] and having its principal place of business at [insert: address of Supplier] (hereinafter called “the Supplier”).

WHEREAS the Purchaser invited bids for certain Goods and ancillary services, viz., [insert brief description of Goods and Services] and has accepted a Bid by the Supplier for the supply of those Goods and Services in the sum of [insert Contract Price in words and figures, expressed in the Contract currency (ies)] (hereinafter called “the Contract Price”).

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.

2. The following documents shall constitute the Contract between the Purchaser and the Supplier, and each shall be read and construed as an integral part of the Contract:

(a) This Contract Agreement

(b) Contract Data

(c) Conditions of Contract

(d) Technical Requirements (including Schedule of Requirements and Technical Specifications)

(e) The Supplier’s Bid and original Price Schedules

(f) The Purchaser’s Notification of Award

(g) [Add here any other document(s)]

3. This Contract shall prevail over all other Contract documents. In the event of any discrepancy or inconsistency within the Contract documents, then the documents shall prevail in the order listed above.

4. In consideration of the payments to be made by the Purchaser to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Purchaser to provide the Goods and Services and to remedy defects therein in conformity in all respects with the provisions of the Contract.

5. The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the Goods and Services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of Democratic Socialist Republic of Sri Lanka on the day, month and year indicated above.

For and on behalf of the Purchaser

Signed: [insert signature]

in the capacity of [ insert title or other appropriate designation ]

in the presence of [insert identification of official witness]

For and on behalf of the Supplier

Signed: [insert signature of authorized representative(s) of the Supplier]

in the capacity of [ insert title or other appropriate designation ]

in the presence of [ insert identification of official witness]

# Performance Security

[The issuing agency, as requested by the successful Bidder, shall fill in this form in accordance with the instructions indicated] ----- [Issuing Agency's Name, and Address of Issuing Branch or Office] ----- \* Beneficiary:----- [Name and Address of Employer] -----  
-----

Date: -----

PERFORMANCE GUARANTEE No.: -----

We have been informed that ----- [Name of Supplier] (hereinafter called "the Supplier") has entered into Contract No. ----- [Reference number of the contract] dated ----- with you, for the ----- Supply of ----- [name of contract and brief description] (hereinafter called "the Contract").

Furthermore, we understand that, according to the conditions of the Contract, a performance guarantee is required. At the request of the Supplier, we ----- [name of Agency] hereby irrevocably undertake to pay you any sum or sums not exceeding in total an amount of -----  
-----

[Amount in figures] (-----) [amount in words], such sum being payable in the types and proportions of currencies in which the Contract Price is payable, upon receipt by us of your first demand in writing accompanied by a written statement stating that the Contractor is in breach of its obligation(s) under the Contract, without your needing to prove or to show grounds for your demand or the sum specified therein. This guarantee shall expire, no later than the .... day of ....., 20.. [Insert date, 28 days beyond the scheduled completion date including the warranty period] and any demand for payment under it must be received by us at this office on or before that date.

[Signature(s)]



Deputy Bursar (Stores & Supplies)  
Uva Wellasa University  
Passara Road, Badulla.

## Section II. Bidding Data Sheet (BDS)

The following specific data for the goods to be procured shall complement, supplement, or amend the provisions in the Instructions to Bidders (ITB). Whenever there is a conflict, the provisions herein shall prevail over those in ITB.

[Instructions for completing the Bid Data Sheet are provided, as needed, in the relevant ITB Clauses.]

<b>ITB Clause Reference</b>	<b>A. General</b>
<b>ITB 1.1</b>	The Purchaser is: <b>Uva Wellassa University</b>
<b>ITB 1.1</b>	The name and identification number of the Contract are: <b>Supply, Delivery, Installation &amp; Commissioning of Computer &amp; Computer Related Equipment for Department of Computer Science, Faculty of Science and Technology</b> <b>Contract No: UWU/G/NCB/18/04</b>
<b>ITB 1.2</b>	The bidder should have at least three years' experience in the relevant industry in Sri Lanka and should submit documents to prove experience in the industry.
<b>ITB 2.1</b>	The source of funding is: <b>GOSL</b>
<b>ITB 4.4</b>	Foreign bidders are allowed to participate in bidding: <b>Not allowed</b>
	<b>B. Contents of Bidding Documents</b>
<b>ITB 7.1</b>	For Clarification of bid purposes only, the Purchaser's address is: Attention: <b>Deputy Bursar/Supplies</b> Address: Uva Wellassa University, Passara Road, Badulla. Telephone: 055-2226475 Electronic mail : supply@uwu.ac.lk
	<b>C. Preparation of Bids</b>
<b>ITB 11.1 (e)</b>	The Bidder shall submit the following additional documents: <b>A complete company profile of the bidders including, but not limited to, the following:</b> <ul style="list-style-type: none"> <li>• <b>Business Registration Certificate</b></li> <li>• <b>VAT Registration Certificate</b></li> <li>• <b>List of client who use the Products</b></li> <li>• <b>Past 3 years relevant experience in the relevant Industry in Sri Lanka</b></li> <li>• <b>Manufacturer's Authorization.</b></li> <li>• <b>Certificate of Registration under Public Contract Act.</b></li> </ul>
<b>ITB 15.1</b>	The bidder shall quote the local expenditure in <b>Sri Lankan Rupees</b> .
<b>ITB 18.1 (b)</b>	After sales service is: <b>Required</b>
<b>ITB 19.1</b>	The bid shall be valid for : <b>91 days from 11<sup>th</sup> June 2018</b>
<b>ITB 20.1</b>	Bid shall include a Bid Security in any of following ways <ul style="list-style-type: none"> <li>(a) A Bank guarantee issued by a reputed bank operated in Sri Lanka.</li> <li>(b) Cash deposit at the Shroff Counter of the University</li> <li>(c) Cash deposit from any branch of Bank of Ceylon, to the Uva Wellassa University, Account No: 3114820, and the <b>cash receipt/deposit slip to be attached with the bidding documents.</b></li> </ul>



<b>ITB 20.2</b>	The amount of the Bid Security shall be: Rs. <b>164,200.00</b> Beneficiary: <b>Vice Chancellor, Uva Wellassa University.</b> The validity period of the bid security shall be 120 days from the closing date of the Bid
	<b>D. Submission and Opening of Bids</b>
<b>ITB 22.2 (c)</b>	The inner and outer envelopes shall bear the following identification marks: <b>SUPPLY, DELIVERY, INSTALLATION &amp; COMMISSIONING OF COMPUTER &amp; COMPUTER RELATED EQUIPMENT FOR DEPARTMENT OF COMPUTER SCIENCE, FACULTY OF SCIENCE AND TECHNOLOGY</b> <b>Contract No: UWU/G/NCB/18/04</b>
<b>ITB 23.1</b>	For bid submission purposes, the Purchaser's address is:  Attention: <b>Deputy Bursar</b>  Address: <b>Uva Wellassa University, Passara Road, Badulla.</b>  The deadline for the submission of bids is  Date: <b>11<sup>th</sup> June 2018</b> Time: <b>2.00 p.m.</b>
<b>ITB 26.1</b>	The bid opening shall take place at:  Address: <b>Board Room,</b> <b>Uva Wellassa University, Passara Road, Badulla.</b>  Date: <b>11<sup>th</sup> June 2018</b> Time: <b>2.00 p.m.</b>
	<b>E. Evaluation and Comparison of Bids</b>
<b>ITB 34.1</b>	Domestic preference shall not be a bid evaluation factor.
<b>ITB 35.3(d)</b>	The adjustments shall be determined using the following criteria, from amongst those set out in Section III, Evaluation and Qualification Criteria:  (a) Deviation in Delivery schedule: Option 2 is selected and the adjustment is 0.5% per week or part thereof  (b) Deviation in payment schedule: Not applicable  (c) The cost of major replacement components, mandatory spare parts, and service: Applicable
<b>ITB 35.4</b>	The following factors and methodology will be used for evaluation: Not applicable
<b>ITB 35.5</b>	Bidders shall be allowed to quote for one or more lots. [refer to Section III Evaluation and Qualification Criteria]Purchaser will evaluate the bid item by item basis.

  
 Deputy Bursar (Stores & Supplies)  
 Uva Wellassa University  
 Passara Road, Badulla.

## Section III.

### Evaluation and Qualification Criteria

#### 1. Evaluation Criteria (ITB 35.3 (d))

The Purchaser's evaluation of a bid may take into account, in addition to the Bid Price quoted in accordance with ITB Clause 14, one or more of the following factors as specified in ITB Sub-Clause 35.3(d) and in BDS referring to ITB 35.3(d), using the following criteria and methodologies.

##### (a) Delivery schedule

###### Option 2

The goods covered under this invitation are required to be delivered within an acceptable range of weeks specified in the Schedule of Requirement. No credit will be given to earlier deliveries, and bids offering delivery beyond this range will be treated as nonresponsive. Within this acceptable range, an adjustment per week, as specified in the Bid Data Sheet, will be added for evaluation purposes only, to the bid price of bids offering deliveries later than the earliest delivery period specified in the Section V, Schedule of Requirements

##### (a) Deviation in payment schedule. **Not applicable**

##### (c) Cost of major replacement components, mandatory spare parts, and service:

The required spare parts for the goods covered under this invitation shall be available for at least five years of period and after sales service (Free service & Pay service).

##### (d) Specific additional criteria: **None**

#### 2. Evaluation Criteria (ITB 35.4):

Not Applicable

#### 3. Multiple Contracts (ITB 35.5)

The Purchaser shall award multiple contracts to the Bidder that offers the lowest evaluated combination of bids (one contract per bid) and meets the post-qualification criteria (this Section III, Sub-Section ITB 37.2 Post-Qualification Requirements)

The Purchaser shall:

- (a) Evaluate only lots or contracts that include items per lot and quantity per item
- (b) Take into account: The lowest-evaluated bid for each lot

#### 3. Post qualification Requirements (ITB 37.2)

After determining the lowest-evaluated bid in accordance with ITB Sub-Clause 36.1, the Purchaser shall carry out the post qualification of the Bidder in accordance with ITB Clause 37, using only the requirements specified. Requirements not included in the text below shall not be used in the evaluation of the Bidder's qualifications.

**Qualification Criteria:**

- (a) Bid may be submitted by any reputed supplier of **Computer & Computer Related Equipment**, registered business in Sri Lanka or any accredited local agent who takes fullest responsibility for the whole bid. The local agent shall submit evidence of status, obligations, power of attorney and any other documentary evidence that he is duly authorized and eligible to bid on behalf of the manufacturer.
- (b) The bidders should also have previous experience of at least three years in relevant industry in the supply and also technical and financial capability necessary to perform the contract.
- (c) Bids will be rejected as non- responsive if documentary evidence in proof of above has not been provided.
- (d) If an Agent submits bids on behalf of more than one supplier, unless each such bid is accompanied by a separate Bid Form for each bid, and a bid security when required for each bid, and authorization from the respective Manufacturer, and valid vendor certificate, all such bids will be rejected as non- responsive.
- (e) Bidders should possess the Certificate of Business Registration issued by a Governmental Authority/ Registrar of Companies/ Provincial Registrar of Business in the relevant category.
- (f) Bidders shall register the Contract under Public Contract Act and submit the certificate of registration (ITB 11.1(e)).
- (g) Bidders offering goods under their own brand names should provide along with their bids a current certification/s of quality; Bid not complying with this requirement may be treated as non - responsive.
- (h) Having a service center in Badulla or Uva Province will be considered as an added qualification.

**4. Domestic Preference (ITB 34.1) – Not applicable**

## **Section IV. Bidding Forms**

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**FORM OF BID**  
**UVA WELLASSA UNIVERSITY**  
**UWU/G/NCB/18/04**

To: Chairman  
Procurement Committee  
Uva Wellassa University  
Passara road,  
Badulla

We, the undersigned, declare that:

Having examined the Instructions to Bidders and Conditions of Tender, Conditions of Contract, Schedule of Requirements, Schedule of Particulars and Bills of Quantities, I / We the undersigned, offer to **Supply, Delivery, Installation & Commissioning of Computer & Computer Related Equipment for Department of Computer Science, Faculty of Science and Technology Contract No: UWU/G/NCB/18/04** said Price Schedule amounting to Rupees ..... and cents.....(Rs .....) only

I / We undertake to **Supply, Delivery, Installation & Commissioning of Computer & Computer Related Equipment for Department of Computer Science, Faculty of Science and Technology within** the time stated in the tender documents, if our tender is accepted.

I / We agree to abide by this tender for period of 120 calendar days from the date fixed for receiving of Bids or any extended period and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

Unless and until a formal Agreement is prepared and executed, this Tender, together with your written acceptance thereof, shall constitute a binding Contract between us.

I / We understand that, you are not bound to accept the lowest or any tender, you may receive.

This day of .....20..... in the capacity of..... duly authorized to sign Bids for and on behalf (indicate whether the Freehold Owner or Power of Attorney Holder) of ..... (Blanks to be filled in BLOCK CAPITALS)

Signature.....

Duly authorized for signed on behalf of .....  
(Name of the Bidder)

Address.....  
.....

Date.....



### Price Schedule

**Supply, Delivery, Installation & Commissioning of Computer & Computer Related Equipment for  
Department of Computer Science, Faculty of Science and Technology- Contract No: UWU/G/NCB/18/04**

(Rs.)

No	Items	QTY	Unit Price (excluding VAT)	Total Price (excluding VAT)	VAT 15%	Total Price including VAT
1	Desktop Computers (Core i7)	50				
2	UPS (650VA)	50				
3	CISCO SG200 Series switch	2				
4	CISCO Catalyst 2960 – 24TC switch	1				
5	CISCO router 1941	2				
6	CCTV Camera System					
6.1	Block E2 Computer Lab (full coverage)	1				
6.2	Block D Computer Lab 1 (full coverage)	1				
6.3	Block D Computer Lab2 (full coverage)	1				
6.4	Block C Embedded System Computer Lab (full coverage)	1				
6(a)	Installation charges (for item no.06)					
6(b)	Other charges (for item no.06)					
6(c)	Subtotal for CCTV Camera Systems					
	<b>Grand Total</b>					

**Use separate price schedule for options**



Total Price with VAT (in Words): .....  
.....

Maintenance charges (as a percentage) after the warranty period (If any): .....

Vat Registration No: .....

Signature.....

Duly authorized for signed on behalf of .....  
(Name of the Bidder)

Address.....  
.....

Date.....



**FORM OF BID SECURITY**

-----  
-----  
*[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 -----  
*[name of the Bidder]* (hereinafter called "the Bidder") has submitted to you its bid dated -----  
*[date]* (hereinafter called "the Bid") for the execution of .....  
..... *[insert name of Contract]* under Contract No. -----

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 of authorized representative(s)]*





## MANUFACTURER'S AUTHORIZATION

[The Bidder shall require the Manufacturer to fill in this Form in accordance with the instructions indicated. This letter of authorization should be on the letterhead of the Manufacturer and should be signed by a person with the proper authority to sign documents that are binding on the Manufacturer. The Bidder shall include it in its bid, if so indicated in the BDS.]

Date: [insert date (as day, month and year) of Bid Submission]

No.: [insert number of bidding process]

To: [insert complete name of Purchaser]

### WHEREAS

We [insert complete name of Manufacturer], who are official manufacturers of [insert type of goods manufactured], having factories at [insert full address of Manufacturer's factories], do hereby authorize [insert complete name of Bidder] to submit a bid the purpose of which is to provide the following Goods, manufactured by us [insert name and or brief description of the Goods], and to subsequently negotiate and sign the Contract.

We hereby extend our full guarantee and warranty in accordance with Clause 27 of the Conditions of Contract, with respect to the Goods offered by the above firm.

Signed: [insert signature(s) of authorized representative(s) of the Manufacturer]

Name: [insert complete name(s) of authorized representative(s) of the Manufacturer]

Title: [insert title]

Duly authorized to sign this Authorization on behalf of: [insert complete name of Bidder]

Dated on \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ [insert date of signing]



## Section V

### Schedule of Requirements

#### 1. List of Goods and Delivery Schedule

[The Purchaser shall fill in this table, with the exception of the column “Bidder’s offered Delivery date” to be filled by the Bidder]

No	Description of Goods	Qty	Final Destination as specified in BDS	Delivery Date 1		
				Earliest Delivery Date	Latest Delivery Date	Bidder’s offered Delivery date
1	As Listed in the Price Schedule		Uva Wellassa University	Within 4 Weeks of the Order	Within 4 Weeks of the Order	

\* Destination of delivery: -Department of Computer Science  
Faculty of Science and Technology,  
Uva Wellassa University,  
Passara Road,  
Badulla.

#### 2. Technical Specifications

The bidder shall follow the following technical requirement and other requirement

##### General Conditions

##### For equipment, Bidders should provide following details:

Country of origin catalogues, Mother company registration letter, possible date of supply, Mother company warranty period, After sales and service facility, Service agreement cost and free service period, Approximate value for main spare parts, Installation & operational manual/s, installation and demonstration should provide free of charge if this product is purchased, Local agent should have necessary tools to carry out complete service and repair.

  
Deputy Bursar (Stores & Supplies)  
Uva Wellassa University  
Passara Road, Badulla.

## Technical Specifications

**Supply, Delivery, Installation & Commissioning of Laboratory Equipment for Department of Computer Science, Faculty of Science and Technology  
UWU/G/NCB/18/04**

No	Item	Specifications	Bidders' Response
<b>1</b>	<b>Computers (Core i7)</b>		
	<b>Processor</b>	Intel Core i7 - 7th Generation ( 3 GHz or Higher)	
	<b>Operating System</b>	DOS	
	<b>Cache Memory</b>	8MB L3 Cache (or higher)	
	<b>Physical Memory (RAM)</b>	16GB (or more) DDR4 memory	
	<b>Video Graphic Accelerator</b>	Nvidia(cuda-enabled) Dedicated 2GB with VGA out or relevant converters	
	<b>Display</b>	18.5 inch High Definition LED Display(1366x768)	
	<b>Audio</b>	Integrated Audio with Internal Speaker	
	<b>Keyboard</b>	USB Standard Keyboard	
	<b>Mouse</b>	USB Standard Mouse	
	<b>Hard Drive</b>	1TB 7200 rpm or higher	
	<b>Optical Drive</b>	Internal DVD+/-RW drive	
	<b>Ports and Slots</b>	USB 3.0 slot 2 or more , Headphone out, Microphone in	
	<b>Ethernet</b>	10/100/1000 Mbps Standard RJ45	
	<b>Software</b>	Genuine Microsoft office 2013 Professional	
		Vender certified Endpoint Virus protection software with 3 year license	
	<b>Others</b>	3 Years comprehensive warranty or more Vender Authorization Letter	
<b>2</b>	<b>UPS (650VA)</b>		
	<b>Input</b>		
	Voltage	140V~300V	
	Frequency	50~60Hz	
	<b>Output</b>		
	Voltage	220V~240V	
	Frequency	50Hz~60Hz	
	Transfer Time	4ms or less	
	<b>Battery</b>		
	Type	Sealed Lead Acid maintenance Free	
	Backup	10-20Minutes(or Higher)	
	<b>Other Features</b>		
	General Protection	Over current	
		Short-circuit	
		Over voltage	
		Under voltage	
	Battery Alarms	Audible and LED	
		Warranty 3 Year or more with Battery Vender Authorization Letter	

<b>3</b>	<b>Cisco SG200 Series switch</b>	
Model :	SG200 Series	
Manufacturer:	CISCO	
Subtype :	Gigabit Ethernet	
Ports :	22 x 10/100/1000 + 2 x 10/100/1000 (PoE)	
Jumbo Frame Support :	9000 bytes	
Authentication Method :	RADIUS	
MAC Address Table Size :	8000 entries	
Status Indicators :	Port transmission speed, system, PoE, link/activity	
Encryption Algorithm :	MD5	
PoE Budget :	62 W	
<b>Power Device</b>		
<b>Type :</b>	Internal power supply	
<b>Networking</b>		
Subcategory :	Network hubs and switches	
Form Factor:	Desktop, rack-mountable	
Type :	Switch	
<b>Features</b>		
BOOTP support, Broadcast Storm Control, SNTP support, Spanning Tree Protocol (STP) support, Syslog support, Trivial File Transfer Protocol (TFTP) support, Unicast Storm Control, VLAN support, Weighted Round Robin (WRR) queuing, fanless, layer 2 switching, port mirroring, DHCP support, power over Ethernet (PoE), DiffServ support, IGMP snooping, IPv6 support, Jumbo Frames support, MLD snooping, Multicast Storm Control, Quality of Service (QoS)		
<b>Compliant Standards</b>		
IEEE 802.1D, IEEE 802.1Q, IEEE 802.3x, IEEE 802.3z, IEEE 802.1p, IEEE 802.1w, IEEE 802.1x, IEEE 802.3, IEEE 802.3ab, IEEE 802.3ad (LACP), IEEE 802.3af, IEEE 802.3u		
Ports Qty :	24	
Manageable :	Yes	
Remote Management Protocol:	HTTP, RMON, TFTP	
<b>Miscellaneous</b>		
Compliant Standards :	UL 60950, FCC Part 15 A, CSA 22.2	
Height (Rack Units) :	1 m	
Console Cable	6 feet Console cable with USB Support	
Others	Warranty 3 Years or more	
Vender Authorization Letter		
<b>4</b>	<b>Cisco Catalyst 2960 – 24TC switch</b>	
Model :	Catalyst 2960G-24TC	
Type :	Switch	
Manufacturer :	Cisco	
Subtype :	Gigabit Ethernet	
Ports :	20 x 10/100/1000 + 4 x combo Gigabit SFP	

4	Performance :	Switching capacity: 32 Gbps	
	Forwarding performance (64-byte packet size):	35.7 Mbps	
	Flash Memory :	32 MB flash	
	MAC Address Table Size :	8K entries	
	Authentication Method:	Secure Shell (SSH), RADIUS, TACACS+	
	Status Indicators:	Port transmission speed, port duplex mode, power, link OK, system, link/activity	
	Encryption Algorithm :	SSL	
	Nominal Voltage :	AC 230 V	
	Cabling Type :	Ethernet 1000Base-T, Ethernet 100Base-TX, Ethernet 10Base-T	
	Subcategory :	Network hubs and switches	
	Subtype:	Gigabit Ethernet	
	Form Factor:	rack-mountable	
	Connectivity Technology:	wired	
<b>Features:</b>			
ARP support, Access Control List (ACL) support, MAC Address Notification, Multicast Storm Control, Multiple Spanning Tree Protocol (MSTP) support, Port Aggregation Protocol (PAgP) support, Port Security, Quality of Service (QoS), Rapid Spanning Tree Protocol (RSTP) support, Remote Switch Port Analyzer (RSPAN), Syslog support, Unicast Storm Control, BOOTP support, VLAN support, auto-negotiation, auto-sensing per device, auto-uplink (auto MDI/MDI-X), dynamic IP address assignment, layer 2 switching, load balancing, Broadcast Storm Control, DHCP snooping, DiffServ support, Dynamic Trunking Protocol (DTP) support, IGMP snooping, IPv6 support, Link Aggregation Control Protocol (LACP)			
<b>Compliant Standards</b>			
IEEE 802.1D, IEEE 802.1Q, IEEE 802.3ah, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z, IEEE 802.1ab (LLDP), IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.3, IEEE 802.3ab, IEEE 802.3ad (LACP)			
Manageable	Yes		
Switching Protocol:	Ethernet		
<b>Remote Management Protocol</b>			
HTTP, HTTPS, SSH, TFTP, Telnet, RMON 1, RMON 2, RMON 3, RMON 9, SNMP 1, SNMP 2, SNMP 2c, SNMP 3			
Communication Mode:	Full-duplex, half-duplex		
Interface Provided Qty:	24, 4		
Connector Type:	SFP (mini-GBIC)		
Console Cable	6 feet Console cable with USB Support		
Rack Mounting Kit:	required		
MTBF:	313828 sec		
Software Type:	Cisco LAN Base software		
Warranty:	3 Years or more		
Vender Authorization Letter			

<b>5</b>	<b>CISCO ROUTER 1941</b>	
Manufacturer	Cisco	
Equipment Type	Router	
Model	CISCO ROUTER 1941	
DRAM	Minimum 384 Mb	
Compact Flash	Minimum 128 mb	
fixed USB 1.1 Ports	1	
Onboard LAN Ports	Minimum 2 * 10/100 Mbps	
Onboard AIM (internal)Slots	2	
Interface card Slots	Minimum 2 slots with 2* WIC-2T	
WIC-2T cable	Required 2	
Minimum Cisco IOS Software Release	15T Compatible with Cisco 1800 Series router commands	
Rack Mounting	Yes	
Power Requirement	AC Input Voltage 240 V	
AC Input Frequency	50-60 Hz	
Integrated Hardware-Based Encryption		
VPN hardware Acceleration (on console port)		
Console Cable	6 feet Console cable with USB Support	
Auxiliary Port (up to 115.2 kbps)		
Warranty	3 Years or above	
Vender Authorization Letter		
<b>6</b>	<b>CCTV Camera System</b>	
The suppliers are required to submit specification for below option		
○ Analog Camera with WDR lenses		
○ 2.8 mm - 12 mm very focal lens or above		
○ All cameras should comply with night vision with 0 lux, high quality image resolution is required		
○ Capturing rate of more than 30 frames per second or above		
○ Separate digital video recorder's should use for the each locations		
○ Each DVR Should connect with university data network and real time remote monitoring capability and remote playback capability of each DVR's are required		
○ At least two month data storage facility is required		
● Selected bidders should demonstrate their product before evaluation process.		
● Selected bidders are required provide details about implementation of previous large size CCTV installation projects to prove have more than three years' experience in the industry.		
<b>Work Site Requirements and Conditions</b>		
1. Installation & Configuration		
a. The supplier must visit the site and do the required feasibility to identify above listed selected locations before submit the proposals.		
b. Supplier must undertake to supply all other equipment's (DVR, hard disk, suitable display equipment's, power supply for cameras and wires, wall mounts, UPS, Lockable Rack)		
c. The supplier shall be responsible for all configuration of the system.		
d. Installation shall be co-ordinate with university technical staff.		
e. Suppliers will be required to complete all electrical and data wiring.		

6	f. Vender certified products should be used for the solution and it is necessary to submit vender authenticating letter with the proposal.	
	The recorders must be setup according to the place proposed by the University	
	<b>Service and Support</b>	
	a. The supplier shall provide a time schedule or response time for service calls to the system.	
	b. The supplier submission shall include costs of service and support	
	c. The supplier shall provide the costs of any Maintenance Agreements.	
	The supplier should be able to rectify or replace the items as and when required within the agreed time.	
	<b>Guarantee/Warranty Period</b>	
	a. All CCTV cameras and other equipment's are to be guaranteed for a period of Three (03) years or more.	



## Section VII

### Contract Data

The following Contract Data shall supplement and / or amend the Conditions of Contract (CC). Whenever there is a conflict, the provisions herein shall prevail over those in the CC.

<b>CC 1.1(i)</b>	The Purchaser is: Uva Wellassa University
<b>CC 1.1 (m)</b>	The Project Site(s)/Final Destination(s) is/are: Uva Wellassa University, Passara Road, Badulla.
<b>CC 8.1</b>	For notices, the Purchaser's address shall be:  Deputy Bursar Uva Wellassa University, Passara Road, Badulla. 055-2226475/ 055-2226633
<b>CC 11</b>	Goods shall be supplies in compliance with the quality and the specification given.
<b>CC 15.1</b>	CC 15.1—The method and conditions of payment to be made to the Supplier under this Contract shall be as follows:  For Goods offered within Sri Lanka  Payment shall be made in Sri Lankan Rupees within thirty (30) days of presentation of claim supported by a certificate from the Purchaser declaring that the Goods have been delivered and that all other contracted Services have been performed.  a) No Advance payment applicable for this contract b) Up to a maximum of ninety (90) percentage of the Contract Price, shall be paid on receipt of the Goods and confirm by the evaluation committee. c) Ten (10) percentage of the Contract price will be hold as Retention for a period of 12 months from the date of commissioning of equipments. d) The Retention shall be paid on completion of Twelve (12) months. During that period supplier shall correct all defects and confirmed by the purchase or his agent.
<b>CC 17.1</b>	A Performance Security – 10% Performance security may be in any of the following way (a) A Bank guarantee issued by a reputed bank operated in Sri Lanka. (b) Cash deposit at the Shroff Counter of the University
<b>CC 26.1</b>	The liquidated damage (Late Delivery) shall be: 1% from the contract sum, per week.
<b>CC 26.1</b>	The maximum amount of liquidated damages shall be:10 % from the contract sum.
<b>CC 27.3</b>	The warranty shall remain valid for a period of time specified with the specifications.
<b>CC 27.6</b>	The supplier shall remedy the defects within 3 Months from the date of information by the purchaser.