

**DEMOCRATIC SOCIALIST REPUBLIC OF  
SRI LANKA**



**UVA WELLASSA UNIVERSITY**

**SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF  
LABORATORY EQUIPMENT FOR DEPARTMENT OF EXPORT AGRICULTURE  
FACULTY OF ANIMAL SCIENCE AND EXPORT AGRICULTURE**

**UWU/G/NCB/18/01**

**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.

# CONTENTS

<b>Content</b>	<b>Page Nos.</b>
<b>Invitation for Bids</b>	03
Section I: Instructions to Bidders (ITB)	04
Section VI: Conditions of Contract (CC)	04
Section VIII: Contract Forms	04
<b>Contract Agreement</b>	05 - 06
<b>Performance Security</b>	07
Section II: Bidding Data Sheet (BDS)	08 - 09
Section III: Evaluation and Qualification Criteria	10 - 11
Section IV: Bidding Forms	12
<b>Form of Bid</b>	13
<b>Price Schedule</b>	14 – 15
<b>Bid security form</b>	16
<b>Manufacturer Authorization</b>	17
Section V: Schedule of Requirements	18
<b>List of goods and delivery schedule</b>	18
<b>Technical specification</b>	18 – 23
Section VII: Contract Data	24

## INVITATION FOR BIDS UVA WELLASSA UNIVERSITY



### **Supply, Delivery, Installation & Commissioning of Laboratory Equipment for Department of Export Agriculture, Faculty of Animal Science and Export Agriculture UWU/G/NCB/18/01**

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 Laboratory Equipment for Department of Export Agriculture, Faculty of Animal Science and Export Agriculture**

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 Rs. 2,700.00 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. 2,700.00 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 LABORATORY EQUIPMENT FOR DEPARTMENT OF EXPORT AGRICULTURE, FACULTY OF ANIMAL SCIENCE AND EXPORT AGRICULTURE - UWU/G/NCB/18/01" 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. 108,200.00**
7. Pre Bid meeting will be held at **10.30 a.m. 30<sup>th</sup> May 2018**, In 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)

## **Section VIII. Contract Forms**

### **Table of Forms**

1. Contract Agreement .....	4-5
2. Performance Security.....	6

# 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 Wellassa 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 Laboratory Equipment for Department of Export Agriculture, Faculty of Animal Science and Export Agriculture Contract No: UWU/G/NCB/18/01</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>108,200.00</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 AND COMMISSIONING OF LABORATORY EQUIPMENT FOR FACULTY OF ANIMAL SCIENCE AND EXPORT AGRICULTURE</b> <b>Contract No: UWU/G/NCB/18/01</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, 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.

## 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 **Laboratory 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**

### **Table of Forms**

Bid Submission Form.....	12
Price Schedule:.....	13-22
Bid Security (Guarantee) .....	35
Manufacturer's Authorization .....	37

**FORM OF BID**  
**UVA WELLASSA UNIVERSITY**  
**UWU/G/NCB/18/01**

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 Laboratory Equipment for Department of Export Agriculture, Faculty of Animal Science and Export Agriculture Contract No: UWU/G/NCB/18/01**

said	Price	Schedule	amounting	to	Rs.
.....					
.....and cents.....(Rs .....)					
.....) only					

I / We undertake to **Supply, Delivery, Installation & Commissioning of Laboratory Equipment for Department of Export Agriculture, Faculty of Animal Science and Export Agriculture** 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 Laboratory Equipment for Department of Export**  
**Agriculture, Faculty of Animal Science and Export Agriculture**  
**Contract No: UWU/G/NCB/18/01**

(Rs.)

No	Items	QTY	Unit Price (excluding VAT)	Total Price (excluding VAT)	VAT 15%	Total Price including VAT
<b>Laboratory and Teaching Equipment and Machinery for EAG labs</b>						
1	Eye Washer and Shower	1				
2	Online UPS for PCR	1				
3	Power supply unit for electrophoresis	3				
4	Gel documentation unit	1				
5	Fume hood	1				
6	Ice flake maker	1				
7	Micro-Vial Homogenizer	1				
8	Clicker Press	1				
9	Compression set apparatus	1				
<b>Gear Type Models (Mechanical Demonstration Model)</b>						
10	Spur	1				
11	Helical	1				
12	Bevel (sprial)	1				
13	Bevel (stright)	1				
14	Planatery	1				
15	Pinion	1				
16	Internal Gear and Pinion Drive	1				
17	Worm Gear Drive	1				
18	Herringbone gear	1				
19	Hypoid gear	1				
<b>Mechanical drive systems (working models)</b>						
20	Chain Drive with Tensioner	1				
21	Manual Transmission Gearbox	1				
22	Belt drive	1				
<b>Engine cut models for demonstration (working models)</b>						
23	2 Stroke Diesel Engine cut model Model	1				
24	4 Stroke Diesel Engine cut Model	1				
25	2 Stroke Gasoline Engine cut Model	1				
26	4 Stroke Gasoline Engine cut Model	1				
27	Hand-held portable pH meter	1				
28	Spice/Coffee moisture tester [Moisture Analyzer]	1				
29	pH meter ( Portable)	3				
<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: - Faculty of Animal Science and Export Agriculture  
 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.



## Technical Specifications

<b>SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF EQUIPMENT FOR FACULTY OF ANIMAL SCIENCE AND EXPORT AGRICULTURE UWU/G/NCB/18/01</b>				
No	Item	Specifications	Qty	Bidders' Response
<b>Laboratory and Teaching Equipments and Machinery for EAG labs</b>				
1	Eye Washer and Shower	<p>Floor mounted emergency shower combination Self-draining shower head and eye wash with foot pedal</p> <ul style="list-style-type: none"> <li>• Specification for shower</li> </ul> <p>Shower head – ABC Stand pipe – Stainless steel (304 grade) Activation – Stainless steel pull rod operates a stay open stainless steel ball valves.</p> <ul style="list-style-type: none"> <li>• Specification for Eye washer</li> </ul> <p>Bowl – Stainless steel (304 grade) Eyewash head – Rubber cups Activation – Push flag operates a stay open stainless steel ball valves. Height – 2435 mm Letter of authority required from the manufacturer 2 Years warranty</p>	1	
2	Online UPS for PCR	<p>1 Kva with 1hour back up time 230V 2 years warranty Letter of authority required from the manufacturer</p>	1	
3	Power supply unit for electrophoresis	<p>Output voltage / Inc. - 10 - 300 V / 1 V Output current / Inc. - 10 - 400 mA / 1 mA Output power - 60 W Output type - Constant voltage or constant current Control - Microprocessor controller Terminal pairs - 2 Pairs Timer - 999 (min) with alarm / Continuous Safety device - No-load detection; shrouded plugs and sockets Operation temperature - 4 to 40 °C Material - Polycarbonate housing and aluminum base plates Weight - Approx. 2.2 lb (1kg) Rated voltage - Universal, 100 - 240 V 2 Years warranty Letter of authority required from the manufacturer</p>	3	
4	Gel documentation unit	<p>Should be operate on 230 ±10V,50Hz Single phase power supply. Should have an high resolution of 5.0 Megapixel or better digital camera. The built-in camera should be a scientific grade digital cameral for capturing high resolution gel images. The camera should be able to pre-focused offer trouble free operation (no adjustment needed ) Should have built in 312nm UV illuminator source for a safe operation and Blue LED light source should be available as a replacement. Multi-image file saving selection of BMP, TIFF, JPEG and PNG Camera lens should be Pre-focused The unit should include Built-in pullout UV trans illuminator for ease of use and gel cutting The unit should include Wireless Connection preferable through WiFi connection to PC/ Android Tablet. (wireless connection) 2 Years warranty Letter of authority required from the manufacturer</p>	1	

5	Fume hood	<p>Fume hood should be high chemical resistant Polypropylene and one piece welded structure  Exterior dimensions ( WxDxH) approximately 1800 x 800 x 2300 mm  Work space dimensions (WxDxH) approximately 1600x600x1100 mm  User-friendly digital control system including fan speed control, and displays for air pressure, signal light, operation time and alarms  Easy filter replacement, including the active carbon filter  Worktop should be built in ceramic work top  Exterior – Welded white polypropylene structure with enhanced thermal characteristics   Front Sash Opening-720 mm or higher  Wind speed at 0.5+0.1 m/s, 100±FPM   Standard compliance to EN-14175 / ASHRAE 110-1995  Should have fluorescent lamp with safety cover  Noise level should be less than 52dB  Should have power outlet, water  European, American brand or Equality  Letter of authority required from the manufacturer  Including a pump and ducting for 3 storied building  3 Years comprehensive warranty</p>	1	
6	Ice flake maker	<p>Structure should be completely realized in stainless steel [AISI 304]. Inside, the structure it includes a bin, realized in atoxic plastic material, The bin is also insulated, to avoid the melting of the ice stored  Feet: made in plastic material  Door: in the front part of the appliance is located the door plastic made that closes the storage bin  Kind of ice : flake  Production : 90 (kg/24h)  Bin capacity : 20 (kg)  Cooling unit : bottom mounted, with the condensing unit compounded by 1 hermetic compressor and 1 finned condenser  Refrigerant : R404a CFC-free  Voltage : 220-230 V/ 50 Hz  Noise level (dB(A)) : ≤ 50  Letter of authority required from the manufacturer  3 Years comprehensive warranty</p>	1	
7	Micro-Vial Homogenizer	<p>Software: Microcontroller: Arm Processor, Memory: 64 MB, Programming: Field Alterable Flash  Interface: Touch Screen Interface Screen Size: 151.5 mm x 85.5 mm  Controls: Programmable Settings for Speed, Adapter, Time, Matrix, Quantity, Cycle, Pause Time  Custom Assays: 12 Programmable Assay Locations  Pre-Defined Assays: 73 Recommended Programs  Time Range: 1 to 120 Seconds in 1 second increments  Speed Range: 4 to 10 m/sec in 0.5 m/ sec increments  Cycles: 1 to 9 Cycles  Adapter(s): Standard 24 x 2 mL  Pause Time: 1 to 300 Second Pause Between Cycles  Acceleration: &lt; 2 seconds to maximum speed  Deceleration: &lt;2 seconds to stop  Dimensions: Height: 490 mm Base: 472 mm x 385 mm (Elliptic Shape)  Weight: 23 kg  Power Requirement: 230 VAC/50 Hz, 3A  Operating Air Temperature: 2 to 48 °C  Relative Humidity: 30 to 55%  Maximum Noise: &lt;70 dB  Letter of authority required from the manufacturer  3 Years warranty</p>	1	

8	Clicker Press	<ul style="list-style-type: none"> <li>• Hand operated/Manual</li> <li>• Cutting Pressure: Up to 2-4 tons</li> <li>• Maximum Cutting Thickness: 10 mm</li> <li>• Cutting Board: Poly Propylene/Steel</li> <li>• Cutting Board Size: 10"-12" x 9"-10"</li> <li>• Bench top operation with easy handling</li> <li>• Handle Height: 30"-32"</li> <li>• Press Weight: 80-100 lbs</li> <li>• Height Adjustment: Infinite within its range</li> <li>• Ability to fit sample dies of Tensile and Tear tests</li> <li>• 3 Years comprehensive warranty</li> </ul>	1	
9	Compression set apparatus	<p>Consist of compression plates, steel spacers and clamping device</p> <p>Compression plates</p> <ul style="list-style-type: none"> <li>• Parallel and flat</li> <li>• Highly polished</li> <li>• Stainless steel</li> <li>• Between the faces of plates rubber sample would be compressed</li> <li>• No compression plate should bend by more than 0.01 mm at the compression</li> <li>• Diameter of top and bottom steel plate is 115 mm</li> <li>• Thickness of top and bottom steel plate is 12.5 mm</li> <li>• Thickness of middle plates is 6.5 mm</li> <li>• Mild steel spacers to provide required compression</li> </ul> <p>Spacer dimensions</p> <ul style="list-style-type: none"> <li>• 9.4 mm (max) thickness and 9.3 mm (min) thickness for test piece type A</li> <li>• 4.8 mm (max) thickness and 4.7 mm (min) thickness for test piece type B</li> </ul> <p>For hard rubbers</p> <p>Spacer dimensions</p> <ul style="list-style-type: none"> <li>• 10.7 mm (max) thickness and 10.6 mm (min) thickness for test piece type A</li> <li>• 5.4 mm (max) thickness and 5.3 mm (min) thickness for test piece type B</li> </ul> <p>For rubbers having very high hardness</p> <p>Spacer dimensions</p> <ul style="list-style-type: none"> <li>• 11.3 mm (max) thickness and 11.2 mm (min) thickness for test piece type A</li> <li>• 5.70 mm (max) thickness and 5.65 mm (min) thickness for test piece type B</li> </ul> <p>All these spacers are required</p> <ul style="list-style-type: none"> <li>• Clamping device is required</li> <li>• When tested at elevated temperature the results would be accurate 99 %</li> <li>• 3 Years comprehensive warranty</li> </ul>	1	
<b>Gear Type Models (Mechanical Demonstration Model)</b>				
10	Spur	<p>All the items should have same specification as mentioned below.</p> <ul style="list-style-type: none"> <li>• Size - not more than one feet height</li> <li>• manually operated with a handle (Hand crank)</li> <li>• material - plastic gears</li> <li>• Cover with transparent material</li> </ul>	1	
11	Helical		1	
12	Bevel (sprial)		1	
13	Bevel (stright)		1	
14	Planatery		1	
15	Pinion		1	
16	Internal Gear and Pinion Drive		1	
17	Worm Gear Drive		1	
18	Herringbone gear		1	
19	Hypoid gear		1	
<b>Mechanical drive systems (working models)</b>				
20	Chain Drive with Tensioner	<ul style="list-style-type: none"> <li>• Size - not more than one feet height</li> <li>• manually operated with a handle (Hand crank)</li> <li>• material - plastic gears</li> <li>• Cover with transparent material</li> </ul>	1	
21	Manual Transmission Gearbox	<ul style="list-style-type: none"> <li>• 3 Speed or more speed forward</li> <li>• Reverse</li> <li>• manually operated with a handle (Hand crank)</li> <li>• lever to change the gear</li> </ul>	1	

22	Belt drive	<ul style="list-style-type: none"> <li>• Size - not more than one feet high</li> <li>• manually operated with a handle (Hand crank)</li> <li>• material - plastic gears</li> <li>• Cover with transparent material</li> <li>• 2 pulleys or more pulleys</li> <li>• belt - v belt or flat belt</li> </ul>	1	
<b>Engine cut models for demonstration (working models)</b>				
23	2 stroke Diesel Engine cut model Model	<p>All the items in No 3 have common specifications</p> <ul style="list-style-type: none"> <li>• mounted on base</li> <li>• bench top</li> <li>• manually operated with a handle (Hand crank)</li> <li>• components need to be labeled</li> <li>• working model with moveable parts</li> <li>• height - not more than 20 inches</li> <li>• material - cast alloys and abs plastic</li> <li>• corrosion protection</li> </ul>	1	
24	4 Stroke Diesel Engine cut Model		1	
25	2 Stroke Gasoline Engine cut Model		1	
26	4 Stroke Gasoline Engine cut Model		1	
27	Hand-held portable pH meter	<p>pH Range :- 0.00 to 14.00 pH  Resolution &amp; Accuracy :- 0.01 pH &amp; <math>\pm 0.01</math> pH  Temperature Range :- 0 to 100.0 °C  Resolution &amp; Accuracy :- 0.1 °C &amp; <math>\pm 0.5</math> °C  mV Range :-1000 to + 1000 mV  Resolution &amp; Accuracy 1 mV &amp; <math>\pm 1</math> mV  Temperature Compensation :- Automatic / Manual (0 to 100 °C)No. of Calibration Points :- Up to 5 points  pH Buffer Options :- 1.68, 4.01, 7.00, 10.01, 12 .45 (USA)  1.68, 4.01, 6.86, 9.18, 12.45 (NIST)  4.10, 6.97 (Pb)  Special Functions :- Auto Power-Off after 17 minutes;  Hold &amp; Self-diagnostic messages  Power :- 4 'AAA' x 1.4V batteries  Manufacturer authorization Letter warranty</p>	1	
28	Spice/Coffee moisture tester [Moisture Analyzer]	<ul style="list-style-type: none"> <li>• Backlit graphic display, digit height 14 mm, digit height 14 mm</li> <li>o Display during the drying process:</li> <li>o Unit of the shown result, e.g. moisture [%]</li> <li>o Interim result in moisture-%</li> <li>o Drying process active, Active result display, Active heating profile</li> <li>o Active switch-off criteria, Stability display, Previous drying time</li> <li>o Current temperature, Drying process active, Display after the drying process, End result in moisture-%, Active result display</li> <li>o Infrared heater 400 W</li> <li>• Observation window above the sample, useful during initial setting</li> <li>• Balance contains memory for automatic sequence of 100 complete drying programs (92 drying programs with optimised drying characteristics for rapid sample warming and therefore shorter drying times, pre-installed at the factory), 100 users with related authorisations, 1000 drying processes performed and 1000 weighing results (alibi memory) • 10 sample plates included, Application handbook:</li> <li>Readout [d] g – 0.001g</li> <li>weighing range [Max] g – 50g</li> <li>Reproducibility – 0.001g</li> <li>DAkks calibration certificate.</li> <li>Manufacturer authorization Letter</li> <li>2 Years comprehensive warranty</li> </ul>	1	

29	pH meter (Portable)	<p>pH  Range : -2.000 to 20.000 pH  Resolution : 0.1 / 0.01 / 0.001 pH  Accuracy : <math>\pm 0.002</math> pH + 1 LSD  Cal. Points : Up to 6 preset or 5 custom  Buffer Sets : USA, NIST, DIN, User 1, User 2, Custom  ORP  Range : <math>\pm 2000.0</math> mV  Rel. mV Range : <math>\pm 2000.0</math> mV  Resolution : 0.1 mV  Accuracy : <math>\pm 0.2</math> mV  Temperature  Range (Meter) : 0.0 to 100.0 °C / 32.0 to 212.0 °F  Resolution : 0.1 °C / 0.1 °F  Accuracy : <math>\pm 0.3</math> °C / <math>\pm 0.5</math> °F  Compensation : ATC / MTC  Power requirements : 9 V DC adapter, 1.3 A (100/240 VAC, SMPS)  Manufacturer authorization Letter  2 Years comprehensive warranty</p>	3	
----	------------------------	--	---	--



## 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.