

**DEMOCRATIC SOCIALIST REPUBLIC OF
SRI LANKA**



**UVA WELLASSA UNIVERSITY
AHEAD PROJECT**

**SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF
LABORATORY EQUIPMENT FOR THE DEPARTMENT OF
BIOSYSTEMS TECHNOLOGY
FACULTY OF TECHNOLOGICAL STUDIES**

REF NO: UWU/AHEAD/RA1/R3/FTS/GOODS/NCB/LE/02

BIDDING DOCUMENT

Bid Opening On	5 th October 2020 – 2.00 p.m.
Bid Validity up to	120 days from 5 th October 2020

Uva Wellassa University
Passara Road,
Badulla,
Sri Lanka.

Deputy Director Procurement
Uva Wellassa University

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**INVITATION FOR BIDS
UVA WELLASSA UNIVERSITY
AHEAD PROJECT**



**SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF
LABORATORY EQUIPMENT FOR THE DEPARTMENT OF BIOSYSTEMS TECHNOLOGY
FACULTY OF TECHNOLOGICAL STUDIES
UWU/AHEAD/RA1/R3/FTS/GOODS/NCB/LE/02**

The Chairman, Department Procurement Committee, on behalf of the AHEAD project Uva Wellassa University, invites sealed bids from eligible bidders and qualified bidders for **Supply, Delivery, Installation & Commissioning of Laboratory Equipment for the Department of Biosystems Technology, Faculty of Technological Studies.**

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 Director Procurement (AHEAD/OTS), Uva Wellassa University, Passara Road, Badulla, (Tel. No: 055-2226622 Ext- 1124, Fax No: 055-2226633), and inspect the bidding documents at the project office of the University **between 9.00 am to 3.00 pm from 14th September 2020 to 5th October 2020 and until 12.00p.m.**
4. A complete set of bidding documents in English may be purchased by interested bidders on submission of a written application to the Deputy Director Procurement (AHEAD/OTS), Uva Wellassa University, Passara Road, Badulla and upon payment of a non-refundable fee of Rupees **3,500.00** in cash at the AHEAD/OTS Office of the University. The bidder can also download the bidding documents from the University website <http://www.uwu.ac.lk/procurement>. Those who are obtaining bidding documents from the University website should submit the complete documents along with a Bank Draft drawn in favor of the "Vice Chancellor, Uva Wellassa University" for Rs.3,500.00 as non-refundable fee or the payments could be made to any branch of Bank of Ceylon, to the AHEAD Project, Uva Wellassa University, Account No: 82592579, and the original of the cash receipt/deposit slip to be attached with the bidding documents. The documents may be purchased **until 12.00 p.m. on 5th October 2020**. The pre bidding meeting has been scheduled to be held on **22nd September 2020 at 11.00 a.m. at the Board Room of the University.**
5. Bids must be delivered to be addressing **Chairman, Department Procurement Committee, Uva Wellassa University, Passara Road, Badulla**, on or before **02.00 p.m. on 5th October 2020**. Please indicate the "SUPPLY, DELIVERY, INSTALLATION & COMMISSIONING OF LABORATORY EQUIPMENT FOR THE DEPARTMENT OF BIOSYSTEMS TECHNOLOGY, FACULTY OF TECHNOLOGICAL STUDIES – UWU/AHEAD/RA1/R3/FTS/GOODS/NCB/LE/02" on the top left hand corner of the envelope.
6. All bids must be accompanied by a Bid Security addressed to the **Vice Chancellor, Uva Wellassa University**, valid for 120 days from the date of the bid opening. The Value of the Bid Security shall be **Rs.279,000.00**
7. 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 in Clause No.5.
8. 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
13/10/2020

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

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

Section VIII. Contract Forms

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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)]

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.]

ITB Clause Reference	A. General
ITB 1.1	The Purchaser is: Uva Wellassa University, AHEAD Project
ITB 1.1	The name and identification number of the Contract are: Supply, Delivery, Installation & Commissioning of Laboratory Equipment for the Department of Biosystems Technology, Faculty of Technological Studies. Contract No: UWU/AHEAD/RA1/R3/FTS/GOODS/NCB/LE/02
ITB 1.2	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.
ITB 2.1	The source of funding is: GOSL
ITB 4.4	Foreign bidders are allowed to participate in bidding: Not allowed
	B. Contents of Bidding Documents
ITB 7.1	For Clarification of bid purposes only, the Purchaser's address is: Attention: Deputy Director Procurement (AHEAD/OTS) Address: Uva Wellassa University, Passara Road, Badulla. Telephone: 055-2226622 Ext-1124 Electronic mail : ahead@uwu.ac.lk
	C. Preparation of Bids
ITB 11.1 (e)	The Bidder shall submit the following additional documents: A complete company profile of the bidders including, but not limited to, the following: <ul style="list-style-type: none"> • Business Registration Certificate • VAT Registration Certificate • List of client who use the Products • Past 3 years relevant experience in the relevant Industry in Sri Lanka • Manufacturer's Authorization. • Certificate of Registration under Public Contract Act.
ITB 15.1	The bidder shall quote the local expenditure in Sri Lankan Rupees.
ITB 18.1 (b)	After sales service is: Required
ITB 19.1	The bid shall be valid for: 120 days from 5th October 2020
ITB 20.1	Bid shall include a Bid Security in any of following ways <ul style="list-style-type: none"> (a) A Bank guarantee issued by a reputed bank operated in Sri Lanka. (b) Cash deposit at the Shroff Counter of the University (c) Cash deposit from any branch of Bank of Ceylon, to the AHEAD Project, Uva Wellassa University, Account No: 82592579, and the cash receipt/deposit slip to be attached with the bidding documents.
ITB 20.2	The amount of the Bid Security shall be: Rs. 279,000.00 Beneficiary: Vice Chancellor, Uva Wellassa University. The validity period of the bid security shall be 150 days from the closing date of the Bid

	D. Submission and Opening of Bids
ITB 22.2 (c)	The inner and outer envelopes shall bear the following identification marks: SUPPLY, DELIVERY, INSTALLATION & COMMISSIONING OF LABORATORY EQUIPMENT FOR THE DEPARTMENT OF BIOSYSTEMS TECHNOLOGY, FACULTY OF TECHNOLOGICAL STUDIES Contract No: UWU/AHEAD/RA1/R3/FTS/GOODS/NCB/LE/02
ITB 23.1	For bid submission purposes, the Purchaser's address is: Attention: Deputy Director Procurement (AHEAD/OTS) Address: Uva Wellassa University, Passara Road, Badulla. The deadline for the submission of bids is Date: 5/10/2020 Time: 2.00 p.m.
ITB 26.1	The bid opening shall take place at: Address: Board Room, Uva Wellassa University, Passara Road, Badulla. Date: 5/10/2020 Time: 2.00 p.m.
	E. Evaluation and Comparison of Bids
ITB 34.1	Domestic preference shall not be a bid evaluation factor.
ITB 35.3(d)	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 0.05% 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
ITB 35.4	The following factors and methodology will be used for evaluation: Not applicable
ITB 35.5	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**

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FORM OF BID
UVA WELLASSA UNIVERSITY
UWU/AHEAD/RA1/R3/FTS/GOODS/NCB/LE/02

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 the Department of Biosystems Technology, Faculty of Technological Studies, Contract No: UWU/AHEAD/RA1/R3/FTS/GOODS/NCB/LE/02** said Price Schedule amounting to Rupees
.....and cents.....(Rs) only

I / We undertake to **Supply, Delivery, and Installation & Commissioning of Laboratory Equipment for the Department of Biosystems Technology, Faculty of Technological Studies** 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 of20..... 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 the Department of
Biosystems Technology
Faculty of Technological Studies
Contract No: UWU/AHEAD/RA1/R3/FTS/GOODS/NCB/LE/02

No	Items	QTY	Unit Price (excluding VAT)	Total Price (excluding VAT)	VAT 8%	Total Price including VAT
1	Distillation Unit	01				
2	Table mounted Water bath	01				
3	Analytical Balance	01				
4	Water activity meter	01				
5	Kjeldahl machine	01				
6	Freeze dryer (Bench top Prefer)	01				
7	Table mounted Viscometer	01				
8	Table top Homogenizer	01				
9	floor mounted foot sealer	01				
10	Top Loading balance	02				
11	Texture analyzer	01				
12	Table mounted vacuum packing machine	01				
13	Autoclaving machine	01				
14	Floor mounted mini Industrial rotary rack oven	01				
15	single door Top open chest freezer	02				
16	Beer, wine brewing kit bar	01				
17	Electric Noodle, Pasta, Spaghetti machine	02				

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		Department of Biosystems Technology, Uva Wellassa University	Within 4 Weeks of the Order	Within 10 Weeks of the Order	

* Destination of delivery: - Department of Biosystems 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.

Technical Specifications

Supply, Delivery, Installation & Commissioning of Laboratory Equipment for the Department of Biosystem Technology Faculty of Technological Studies UWU/AHEAD/RA1/R3/FTS/GOODS/NCB/LE/02					
No	Item	Component Description	Minimum Specifications	Bidder's Response (Yes/No)	If "No" comment/s on the offer
1	Distillation Unit	Capacity	20 L/hr		
		Water consumption	1:10		
		Configuration	Stand Control		
		Water Type	Regular water/Purified		
		Power	Three phase, 230 V, 50 Hz		
			Corrosion proof		
		Material	Stainless Steel SS304/Glass/Polypropylene or better		
			Fully glass cabinet structure		
			silica sheathed heater		
			all contact point with water with borosilicate glass		
			safety cut off for overheat when there is water supply issue		
			automatic cut off of water with power down and auto start with power resume		
			sensor to automatic control of water level in tank and auto restart with level decrease		
	Warranty	2 years or more			
2	Table mounted Water bath	Hole	6		
		Rows	1		
		Volume	19 L		

		Heating mode	Bottom Heating		
		Temperature range	5-100 °c		
		Temperature setting mode	Touch		
		Inner water sink	Electrolysis tread		
		Heater	U type Heating tube		
			Automated stop		
			Over temperature alarm		
		Warranty	2 years or more		
3	Analytical Balance	Capacity	0- 220g		
			Accuracy \pm 0.0001g		
			Digital display		
		tare range	full		
			auto calibration		
			Stabilization time 03 Sec.		
			Pan Size 91mm Dia.		
			The Unit should have Touch-key internal calibration (Automated calibration can be started by pressing keys)		
			The unit should have Durable, high-performance aluminum alloy mass sensor UniBloc		
	Warranty	2 years or more			
4	Bench Top Water activity meter	Water activity range	0.030-1.000aw		
		Resolution	0.0001aw		
			Measurement Time 5 minutes or less		
		Temperature	0-60 °c		
		Sample cup capacity	12ml or Better		
		Accessories	Cleaning kit, filters		
		Dimension sample cup	diameter 40 mm* height 13 mm		
	Capacitive touch screen				

		Warranty	2 years or more		
5	Kjeldahl machine	Automated Operation	Programmable water, sodium hydroxide addition and distillation time Selectable steam generation output level 10% - 100% Auto removal of residues from sample tube		
			Maintenance-free, resistant, patented steam generator Patented titanium condenser for unmatched performance Durable technopolymer splash head Chemically-resistant technopolymer housing		
			Time related to start for Devarda alloy analysis: 0 - 99 min Protocol library: 10 customizable methods Reproducibility (RSD): = 1 % Recovery: = 99.5 % at nitrogen levels between 1 and 200 mg N Detection Limit: = 0.1 mg N Distillation time: 4 minutes to collect 100 ml of distillate		
			Sodium hydroxide addition: automatic Water addition: automatic Sodium hydroxide volume: 0 - 150 ml Water volume: 0 - 200 ml Distillation time: settable Distillation residues removal: automatic		
			color touch screen and Library of customizable methods		
		warranty	2 years or more		
				Vacuum and Freeze	
6	Freeze dryer (Bench top Prefer) with vacuum pump	Condenser capacity	5.5L		
			Automatic defrosting		
		power	three phase, 230 V , 50 Hz		

			Trays 3 or more with distance ~ 10 cm		
			Area ~ 0.1 m ²		
		Water capture capability	3-4 kg/24h		
		vacuum degree	10Pa		
		Material capacity	1.5l		
		Cold trap temperature	-55 /-80 deg c		
			Automatic stoppering device		
			Touch screen control unit		
			Higher corrosion resistant material (SS316 prefer)		
			Noise free Vacuum pump with maintains free		
		Warranty	2 years or more		
7	Table mounted Viscometer	Applications	semisolids and liquids (food sample analysis such as dairy products and beverages)		
		Measuring Range	0.1~100,000 mPa.s		
		Rotate Speed(r/min)	6 / 12 / 30 / 60		
		Display Resolution	0.01mPa.s		
		Sample Volume	250~400ml		
			The maximum viscosity value measurable for the chosen combination of rotor and rotating speed can be automatically displayed.		
			Every accessories should be supply to measure every kind of sample types		
		Warranty	2 years or more		
8	Table top Homogenizer	For processing milk and dairy products	fruit juices and food in general		
			flow rate ~10 L/h approximate		
			minimum Sample ~100 ml		
			Continuous pressure adjustment up to 2000bar		

			Wear resistant parts for abrasive products and consistent performance		
			Easy operation and limited maintenance		
			Guaranteed scalability		
			Touch panel for machine operation and monitoring		
		Power	Electric 230V, 50Hz		
			Corrosion resistance materials SS304 or better		
		warranty	2 years or more		
9	floor mounted foot sealer (Broad band)	Foot pedal heating sealer			
		Heating time	0- 2.5 sec		
			impulse power- 1800		
			sealing length- 800 mm or Higher		
		Dimensions	855*570*880 mm or similar		
			Automatic control		
			Power- Electric 230V, 50Hz		
			Adjustable seal head : yes		
			Resistant to corrosion SS304 or better materials		
		Warranty	2 years or more		
10	Top Loading balance	Accuracy	±0.001g		
		Capacity	500 g or higher		
			Digital display		
			auto calibration		
			Stabilization time 03 Sec.		
		Warranty	2 years or Better		
11	Texture analyzer	Application	Food sample analysis		
			Multi-stage programmable Universal Testing Machine with software designed for laboratory or production		

			Instrument Should Be Included with, Load cell, Fixture Table, Probe adapter, Texture Lab Pro software, Fixture Table, General Probe Kit.		
		Units	Matric - Mpa, kPa, PSI, kN, N, mN, kgf, gf, mm, s, min		
			Operating Temperature: 10-35oC		
		Load Cell Options	0.2kg, 0.5kg, 1.0kg, 2.5kg, 5.0kg, 10.0kg, 25.0kg, 50.0kg, 101.0kg, 255.0kg		
		Force Resolution	1 part in 6500 dependent upon load cell capacity		
		Warranty	2 years or Better		
12	Bench Top Vaccum packing machine	Used for packing	meat, seafood, sausage, cooked food, vegetable, fruit.		
		Vacuum chamber size	330*275* 50 mm		
			single chamber		
		Function	Vacuum Pack, Seal, Gas Flush, Dimensions: 410*320*290 mm		
		Power Source	230 V, 50 Hz		
			Longer shelf life, protect food.		
		Warranty	2 years or Better		
13	Autoclaving machine	Capacity	70L		
		Sterilization temperature	105- 132°c		
		Sterilization time	0-95 hours		
		Material	Stainless Steel 304 or better		
			Auto discharge of cool air and steam		
			Automatics shutdown with beep sound as sterilization completes		
			Digital display with touch keypad		
			Safety standard for Vacuum chamber		

			All the accessories should be supply (10 Autoclavable vessels , gloves, parts for drainage)		
		Warranty	2 years or Better		
14	Floor mounted mini Industrial rotary rack oven	Capacity	100kg/h, 16 trays		
			Dimensions (length: 2500 mm width: 2000 mm height: 2300 mm)		
			Compact rotary rack oven for racks , rack six: L: 670mm , W:800 mm. H: 1750 mm or closer		
		operation mode	Automatic, steam injection option		
		Power	three phase, 230 V, 50 Hz		
		Body material	stainless steel (SS 316 or similar)		
			Double speed fan		
			Hood with exhauster		
			Powered steam generator, steam condenser, time/temperature display on the hood		
			Digital control panel with multifunction-rotary switch for a quick selection of the different controls, LCD screen, storable programs, automatic start		
			halogen lamps inside the baking chamber or similar option		
			Door with 180° opening for an easy handling of the racks in narrow places & Double glass on the door		
	warranty	2 years,			
15	single door Top open chest freezer	Capacity	140 L or higher		
		Gas	R 600a or latest		
		Temperature	- 18° C		
		power sources	230 V, 50 Hz		
		dimensions	Approximately (L*W*H) 965*593*885		

			LCD Display Pannel for Temperature and Humidity		
			Wire baskets with powder coating and higher corrosion free		
			Defrosting feature		
		Warranty	2 Years or better		
16	Beer, wine brewing kit bar	Capacity	20 L or more		
		all in one brew kit bar, bar accessories	yes		
		Material	S/S 304 or better		
		Operation	automatic		
		Dimension	Approximately 480*480*690 mm		
			All in one brew kit bar and other bar accessories should be supplied		
		Power	220-240 V,50 Hz		
		Warranty	3 years, or higher		
17	Electric Noodle, Pasta, Spaghetti machine (Labscale)	3 pcs equipped mold and 20 customized mold shapes & sizes			
		Material	S/S 304 or better		
		Dimensions	: Approximately 700*470*900 mm		
		Production capacity	15-25 kg/h or similar		
			Power-3 kW, 220 V, 50 Hz		
		Warranty	2 years comprehensive		

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.

CC 1.1(i)	The Purchaser is: AHEAD Project, Uva Wellassa University
CC 1.1 (m)	The Project Site(s)/Final Destination(s) is/are: Department of Biosystems Technology, Uva Wellassa University, Passara Road, Badulla.
CC 8.1	For notices, the Purchaser's address shall be: Deputy Director Procurement (AHEAD/OTS) Uva Wellassa University, Passara Road, Badulla.
CC 11	Goods shall be supplies in compliance with the quality and the specification given.
CC 15.1	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 equipment. 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.
CC 17.1	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
CC 26.1	If the supplier fails to deliver any or all of the goods by the date(s) specified above the purchaser may deduct from the payment a sum equivalent to 0.05% of the delivered price of the delayed good, for each day of delay.
CC 26.1	The maximum amount of liquidated damages shall be: 10 % from the contract sum.
CC 27.3	The warranty shall remain valid for a period of time specified with the specifications.
CC 27.6	The supplier shall remedy the defects within 3 Months from the date of information by the purchaser.

“Check List”

No	Required Specification	Bidder's Offer			
		Conformity		Page No	Remark
		Yes	No		
1	Company Profile				
2	Business Registration				
3	VAT Registration				
4	List of Clients				
5	Past three year experience in the industry				
6	Manufacturer Authorization				
7	Public Contract Act				
8	Bid Security				
9	Forms of Bids				
10	Price Schedule				
11	Tender Fee				
12	Financial Statement				
Status					

“Bidders must be filled above check List”