

DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA



SUPPLY, DELIVERY AND INSTALLATION OF LAB EQUIPMENT FOR FACULTY OF APPLIED SCIENCE FOR THE YEAR 2026 – UVA WELLASSA UNIVERSITY

UWU/G/NCB/C/26/04

NATIONAL COMPETITIVE BIDDING

Bid Opening On	03rd September 2026 - 2.00 P.M.
Bid Validity up to	91 days from 03rd September 2026

Uva Wellassa University,
Passara Road,
Badulla,
Sri Lanka.

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INVITATION FOR BIDS
SUPPLY, DELIVERY AND INSTALLATION OF LAB EQUIPMENT OF FACULTY OF
APPLIED SCIENCE FOR THE YEAR 2026 – UVA WELLASSA UNIVERSITY
UWU/G/NCB/C/26/04

The Chairman, Department Procurement Committee, on behalf of the Uva Wellassa University, hereby invites sealed bids from eligible and qualified bidders for the “**SUPPLY, DELIVERY AND INSTALLATION OF LAB EQUIPMENT FOR FACULTY OF APPLIED SCIENCE FOR THE YEAR 2026 – UVA WELLASSA UNIVERSITY**”. The procurement will be conducted through the National Competitive Bidding (NCB) procedure.

1. Bidders should have at least three (03) years of experience in the relevant field in Sri Lanka.
2. Interested eligible bidders may obtain further information from the Deputy Bursar (Supplies), Uva Wellassa University, Passara Road, Badulla, (Tel.: 055-2226475, Fax No: 055-2226633), and inspect the bidding documents at the Supplies Division of the University between 9.00 a.m. and 3.00 p.m. from **11th August 2026 to 02nd September 2026.**
3. A complete set of bidding documents in English may be purchased by interested bidders upon 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 LKR 8,300.00 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. Those who are obtaining bidding documents from the University website must submit the complete documents together with a **Bank Draft** drawn in favor of the “**Vice Chancellor, Uva Wellassa University**” for LKR 8,300.00 as the non-refundable fee. Alternatively, payment may be made to any branch of Bank of Ceylon, to **Uva Wellassa University, Account No: 3114820**, with the original receipt/deposit slip attached to the bidding documents. The documents may be purchased till **03.00 PM on 02nd September 2026.**
4. Bids must be delivered to the **Chairman, Department Procurement Committee, Uva Wellassa University, Passara Road, Badulla**, on or before **3.00 p.m. on 03rd September 2026.** Please indicate the “**SUPPLY, DELIVERY AND INSTALLATION OF LAB EQUIPMENT FOR FACULTY OF APPLIED SCIENCE FOR THE YEAR 2026 -UVA WELLASSA UNIVERSITY- UWU/G/NCB/C/26/04**” on the top left-hand corner of the envelope.
5. All bids must be accompanied by a **Bid Security** addressed to the **Chairman, Department Procurement Committee, Uva Wellassa University, Passara Road, Badulla**, valid for 119 days from the date of bid opening. The Value of the Bid Security shall be **LKR 400,000.00**
6. A Pre-Bid meeting will be held at **10.00 a.m. on 18th August 2026** at the Board Room of Uva Wellassa University.
7. The completed bids shall be deposited in the ‘Tender Box’ available at the Registrar’s Office of the University, or sent by Registered Post to the address given in Clause No.5, ensuring receipt before the deadline.
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, Sri Lanka
Tel/ Fax No: 055-2226475, 055-2226633

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 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.]

Clause Reference	A. General
ITB 1.1	The Purchaser is: Uva Wellassa University
ITB 1.1	The name and identification number of the Contract are: SUPPLY, DELIVERY AND INSTALLATION OF LAB EQUIPMENT FOR FACULTY OF APPLIED SCIENCE FOR THE YEAR 2026 – UVA WELLASSA UNIVERSITY
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 Bursar/ Supplies & Stores Address: Uva Wellassa University, Passara Road, Badulla. Telephone: 055-2226475 E-mail: supply@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: • Business Registration Certificate • VAT Registration Certificate • List of client who use the Products and their contract details • Past 3 years relevant experience in the relevant Industry in Sri Lanka (The bidder should have at least three years of experience in the relevant industry in Sri Lanka and should submit documents to prove experience in the industry.) • Manufacturer's Authorization. • Certificate of Registration under Public Contract Act. • Financial statements
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: 91 days from 03rd September 2026	
ITB 20.1	Bid shall include a Bid Security in any of following ways (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 Uva Wellassa University, Account No: 3114820, and the cash receipt/deposit slip to be attached with the bidding documents.	
ITB 20.2	The amount of the Bid Security shall be: LKR 400,000.00 Beneficiary: Vice Chancellor, Uva Wellassa University. The validity period of the bid security shall be 119 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 AND INSTALLATION OF LAB EQUIPMENT FOR FACULTY OF APPLIED SCIENCE FOR THE YEAR 2026 – UVA WELLASSA UNIVERSITY - UWU/G/NCB/C/26/04”	
ITB 23.1	For bid submission purposes, the Purchaser’s address is:	
	Attention Address	: Deputy Bursar/Stores & Supplies : Uva Wellassa University, Passara Road, Badulla.
	The deadline for the submission of bids is	
	Date Time	: 03rd September 2026 : 2.00 P.M.
ITB 26.1	The bid opening shall take place at:	
	Address Date Time	: Board Room, Uva Wellassa University, Passara Road, Badulla. : 03rd September 2026 : 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 _Please refer - CC 26.1 (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: Refer Procurement Guideline Chapter 7.	
ITB 35.5	Bidders shall be allowed to quote for one or more items. [refer to Section III Evaluation and Qualification Criteria] Purchaser will evaluate the bid 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

(b) 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):

- a. Bid may be submitted by any reputed supplier of **Lab 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 similar contract supply of furniture item.
- c. Draft service agreement for three-year period (after the warranty period) should be submitted.
- d. Bids will be rejected as non-responsive if documentary evidence in proof of above has not been provided.
- e. 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.

- f. Bidders should possess the Certificate of Business Registration issued by a Governmental Authority/ Registrar of Companies/ Provincial Registrar of Business in the relevant category.
- g. Bidders shall register the Contract under Public Contract Act and submit the certificate of registration (ITB 11.1(e)).
- h. 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.

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

4. Domestic Preference (ITB 34.1) – Applicable to Procurement Guideline -7.7.1

5. 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.

- (a) Financial Capability: The Bidder shall furnish documentary evidence that it meets the financial requirement(s):
- (b) Experience and Technical Capacity: The Bidder shall furnish documentary evidence.

Section IV. Bidding Forms

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Bid Submission Form

[The Bidder shall fill in this Form in accordance with the instructions indicated No alterations to its format shall be permitted and no substitutions shall be accepted.]

Date: [insert date (as day, month and year) of Bid Submission]
No.: [insert number of bidding process]

To: Chairman,
Department Procurement Committee
Uva Wellassa University
Passara Road

We, the undersigned, declare that:

- a. We have examined and have no reservations to the Bidding Documents, including Addenda No.: [insert the number and issuing date of each Addenda];
- b. We offer to supply in conformity with the Bidding Documents and in accordance with the Delivery Schedules specified in the Schedule of Requirements the following Goods and Related Services [* insert a brief description of the Goods and Related Services];
- c. The total price of our Bid without VAT, including any discounts offered is: [insert the total bid price in words and figures];
- d. The total price of our Bid including VAT, and any discounts offered is: [insert the total bid price in words and figures];
- e. Our bid shall be valid for the period of time specified in ITB Sub-Clause 18.1, from the date fixed for the bid submission deadline in accordance with ITB Sub-Clause 23.1, and it shall remain binding upon us and may be accepted at any time before the expiration of that period;
- f. If our bid is accepted, we commit to obtain a performance security in accordance with ITB Clause 43 and CC Clause 17 for the due performance of the Contract;
- g. We have no conflict of interest in accordance with ITB Sub-Clause 4.3;
- h. Our firm, its affiliates or subsidiaries—including any subcontractors or suppliers for any part of the contract—has not been declared blacklisted by the National Procurement Agency;
- i. We understand that this bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal contract is prepared and executed.
- j. We understand that you are not bound to accept the lowest evaluated bid or any other bid that you may receive.

Signed: [insert signature of person whose name and capacity are shown]
In the capacity of [insert legal capacity of person signing the Bid Submission Form]

Name: [insert complete name of person signing the Bid Submission Form]
Duly authorized to sign the bid for and on behalf of: [insert complete name of Bidder]
Dated on _____ day of _____, _____ [insert date of signing]

PRICE SCHEDULE

- Note: 1. Unless otherwise allowed under ITB Clause 15, the bidders are required to quote the prices under 'A' columns;
 2. Bidders may quote prices under 'B' columns only if the ITB Clause 15 provides provisions to bid in foreign currencies for the line item
 3. Purchaser is advised to fill columns 1,2 and 3 before issuing the bidding document and delete this note 3;

1	2	3	4	5	6	7	8	9	10
No	Description of Goods or related services	Qty	Unit price (inclusive of duties, sales and other taxes) Excluding VAT	No. Price per line item (Col.3x4)	transportation, insurance and other related services to deliver the goods to their final destination	Total Price excluding VAT (Col 5+6)	Discounted Total price (if any) excluding	VAT	VAT Total Price Including VAT (Col. 7 or 8+9)
1	High-performance Ion Chromatograph	1							
2	pH Probe	1							
3	River / Stream Velocity meter	1							
4	MIG Welding Plant	1							
5	Heating Mantle – 250ml	2							
	Heating Mantle – 500ml	3							
	Heating Mantle – 1000ml	2							
6	Incubator	1							
7	PCR machine	1							
8	Orbital shaker	2							
9	Educational Robot Arm	1							
10	Plasma Cutter	1							
11	Power Supply	2							
12	Spherometer	12							
13	Multimeter	20							
14	Vernier caliper	10							

15	Heating Magnetic Stirrer	7							
16	Vacuum pump for the rotary evaporator	5							
17	Benchtop pH & Conductivity Meter	2							
Total									

Bid Security (Guarantee)

(this Bank Guarantee form shall be filled in accordance with the instructions indicated in brackets)
.....insert issuing agency's name, and address of issuing branch or office.....

Beneficiary: Vice Chancellor, Uva Wellassa University, Passara road, Badulla

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

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

We have been informed that -----
[name of the Bidder] (herein after called "the Bidder") has submitted to you its bid dated -----
[date] (herein after 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]
here by 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

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1. List of Goods and Delivery Schedule

Item No	Description of Goods	Quantity	Final (Project Site) Destination as specified in BDS	Delivery Date ¹		
				Earliest Delivery Date	Latest Delivery Date	Bidder's offered Delivery date [<i>to be provided by the bidder</i>]
1	High-performance Ion Chromatograph	1				
2	pH Probe	1				
3	River / Stream Velocity meter	1				
4	MIG Welding Plant	1				
5	Heating Mantle - 250ml	2				
	Heating Mantle - 500ml	3				
	Heating Mantle - 1000ml	2				
6	Incubator	1				
7	PCR machine	1				
8	Orbital shaker	2				
9	Educational Robot Arm	1				
10	Plasma Cutter	1				
11	Power Supply	2				
12	Spherometer	12				
13	Multimeter	20				
14	Vernier caliper	10				
15	Heating Magnetic Stirrer	7				
16	Vacuum pump for the rotary evaporator	5				
17	Benchtop pH & Conductivity Meter	2				

2. List of Related Services and Completion Schedule

[This table shall be filled in by the Purchaser. The Required Completion Dates should be realistic and consistent with the required Goods Delivery Dates]

Service	Description of Service	Quantity ¹	Unit	Place where Services shall be performed	Final Completion Date(s) of Services
<i>[insert Service No]</i>	<i>[insert description of Related Services]</i>	<i>[insert quantity of items to be supplied]</i>	<i>[insert unit for the items]</i>	<i>[insert name of the Place]</i>	<i>[insert required Completion Date(s)]</i>

1. If applicable

Technical Specifications

[The Technical specifications may be provided in the following format. The bidder shall fill the columns 6 and 7 (last two columns). Bidder's failure to provide the information requested in the columns 6 and 7 may be a reason for the rejection of the bid. Bidders shall submit authentic technical data sheets, catalogues, or manufacturer's literature for all quoted items. The bidder must clearly highlight or indicate the specific parameters that demonstrate compliance with each specification stated in the bidding document. If any discrepancy is observed between the information provided by the bidder in the columns 6 and 7 and the other technical information attached to the bid, the information provided herein shall take precedence.]

No	Name of the Item	Specification	Qty	Bidder's Compliance	
				Yes/ No	If "No", Bidder's Response
1	High-Performance Ion Chromatograph	System Configuration	1		
		Application			
		Dedicated High-Performance Ion Chromatography (HPIC) system designed exclusively for inorganic anion/cation determination, organic acid analysis, and trace ion quantification.			
		Fluidic Path			
		100% non-metallic, inert PEEK/polymer flow path (pH 0-14) to eliminate metal ion leaching and withstand strong acids/bases.			
		Pressure Rating			
		Operating pressure capability up to 5,000 psi to support modern 4 µ high-efficiency IC columns.			
		Eluent Delivery & Automated Generation			
		High-Pressure Pump			
		Serial dual-piston PEEK/ceramic pump with digital pulsation dampening. Flow rate range 0.001 to 5.00 mL/min (<0.1 precision).			
		Electrolytic Eluent Generator			
		On-line electrolytic eluent generation module (RFIC) producing high-purity OH ⁻ , Carbonate, or MSA eluents directly from deionized water. Must support linear and step gradients automatically (or specify).			
		Automated Injection & Sample Handling			
		IC Autosampler			
		Fully automated, inert IC autosampler with minimum 50-vial capacity and variable injection volume (1 to 100µL, or specify)			
		Column Oven & Separations			
		Column Compartment			
		Thermostatted column oven (+5°C above ambient to 70°C or better, specify the stability) accommodating at least two analytical columns plus guard columns.			
		Anion Separation Kit			
		High-resolution anion exchange column (4 µm particle size or better) with guard column for trace ions including acetate, formate (Specify)			
		Cation Separation Kit			
		High-resolution cation exchange column with guard column for alkali/alkaline earth metals and transition metals including NH ₄ ⁺ (Please specify).			

		Suppression & Detection			
		Suppression System			
		Continuously regenerated Electrolytic Suppressor (chemical or membrane-based) requiring no manual acid/base regenerants (Specify).			
		Digital Conductivity Detector			
		Microprocessor-controlled digital conductivity cell (1.0 µL volume, or better (specify)) with dynamic auto-ranging up to 15,000 µS/cm without manual range switching.			
		Data System & Utilities			
		Control Software			
		64-bit networked Chromatography Data System (CDS) for full automated control, peak integration, custom calibration curves, and audit trails (Specify)			
		PC & Power Protection			
		High-performance PC workstation (Core i7, 16 GB RAM, 1 TB SSD, dual 24" monitors) and a 3 kVA Online double-conversion UPS (30-min backup) (specify)			
		Warranty & Training (NPC Required)			
		Warranty			
		Minimum 2-Year Comprehensive Warranty covering all fluidics, electronics, pump heads, suppressor, and labor from commissioning date.			
		Training			
		On-site training covering routine IC operations, gradient method development, and preventive maintenance for postgraduates and faculty.			
		Sample Holders & Sample Handling			
		Autosampler Racks / Carousels			
		Minimum two (02) set of removable autosampler trays/carousels matching the autosampler capacity (holding 1.5 mL to mL vials) (Specify).			
		Sample Vials & Caps			
		Pack of 500 polyolefin/polypropylene IC-grade sample vials with slit septa caps (Specify).			
		Maintenance Spare Parts & Consumables Kit			
		Pump Maintenance Kit			
		One (01) complete pump overhaul spare kit including high-pressure pump seals, check valves, and piston seals (Specify).			
		Tubing & Fittings			
		Spare PEEK tubing kit (1/16 inch OD), PEEK fingertight fittings (pack of 10), and line filter (Specify)			
		Syringe & Inline Filters			
		500 units of 0.22 µm IC-certified syringe filters (polyethersulfone or nylon) and inline filter replacement frits.			
2	pH probe	pH range: 0-14 pH, Temperature range: 0-60°C, Zero-point: 7 ± 0.5pH, Alkali Error: 0.2pH, Theoretical Percentage Slope: ≥98.5%, Internal Resistance: ≤250MΩ, Response Time: ≤1min, Operating Temperature: 0-60°C, Terminal Blocks: BNC plug, BNC Connector suitable for most pH meter and controller.	1		

3	River / Stream velocity meter	Prob attached (water/rain proof) digital computer rechargeable batteries included Or handheld LCD reader and USB cables and rechargeable batteries included 15 ft adjustable telescopic handle or 6 m to 12 m cable Flow measurements in f/s or m/s Range: 0.1-10.0 m/s , Electro-magnetic head Accuracy: $\pm 2\%$ or ± 0.015 m Built in data logger Resolution range: 1-10-100 Zero stability: ± 0.015 m/s Depth measurement - Absolute pressure sensor with single point calibration Measuring range: up to 4 m Operating modes: Real-time velocity measurement, Discharge profile (stream/conduit) Noise suppression 50 Hz, 60 Hz (adjustable) Material Sensor housing: ABS, glass-fiber reinforced Handheld unit: Polycarbonate, moulded, by shock-absorbing elastomer (TPE) Methods for velocity measurement Streams: 1-, 2-, 3-, 4-, 5- and 6-point measurement Methods for discharge calculation Mid and Mean section method	1		
4	MIG Welding Plant	For 5 to 7 kg MIG wire reel MIG welding output range : 40A / 16 V to 160A / 22V -160A 22V @ 60% -123A 20V @ 100% ARC welding output range : 20A / 20.8V to 140A / 25.6V - 140A 25.6V @ 60% - 108A 24.3V @ 100% Wire speed : varies with current Welding wire gauge : 0.8 – 1.0mm Input : 20A 230V single phase Input gas : CO2 (Cylinder with Regulator -50Ltr or above)	1		

5	Heating Mantle 250ml 500ml 1000ml Round bottom flask	Type of Temperature display: Digital or Analog Thermal Insulation: High-quality aluminum silicate cotton Heating element: Nichrome wire Temperature Controller: PID	250ml - 2		
		Temperature: RT – 400°C	500ml - 3		
		Case Construction: Aluminum body powder-coated			
		Accessory: PT100 Temperature sensor, with Adjustable Sensor			
		Rack and Stainless Rods	1000 ml-2		
		Electrical Requirements: 230V, 50/60 Hz			
6	Incubator	Heating system: Direct heat type (natural convection)	1		
		Inner chamber: Stainless steel			
		60Ltr or above			
		Exterior- Chemical-resistant epoxy-coated			
		Temperature range: +5°C above ambient to +70°C			
		Temperature setting adjustments: $\pm 0.1^{\circ}\text{C}$			
		Timer setting: timer 0-999 minutes/0.99 – 9 hours or continuous			
		Microprocessor controlled: Standard microprocessor control with large LED display indication for temperature, heating and timer			
		Maximum load per shelves: 10 -15 kg or higher, minimum two shelves			
		Power: 220V, 50 Hz			
		Exhaust / Ventilation: Adjustable ventilation flap located at the back of the machine			
		A warranty period of one year or more is required			
		A letter of authority required from the manufacturer			
		Documentary evidence of requested specifications should be provided clearly by making on manufacturer's literature where necessary.			
		Suggesting an item should be a world-reputed brand with at least ten years of satisfactory sales record, including in Sri Lanka			
		The proposed model should have been recently introduced to the market and <u>should not be</u> in phase out stage.			

7	PCR machine	Full aluminum block system for 96 x 0.1- and 0.2-mL PCR Tubes or One 96-well PCR plate.	1		
		System should support PCR reaction volume between 5-100µl in all the formats			
		Machine display: LCD display with touch screen			
		Temperature control of block ranging from 4° C to 99° C.			
		Gradient setup for PCR optimization should offer 12 different			
		temperatures in columns across a gradient range of 1 - 30° C.			
		Gradient technology operates on Steady Slope to ensure ramp rates are identical in both gradient and normal operation.			
		User level temperature verification of the system is a must.			
		Adjustable user management capabilities – from flexible to strict user level controls.			
		Temperature Control Mode: Fast, Intermediate, Standard and Safe or similar modes			
		Block Temperature Accuracy: ± 0.15°C or better.			
		Block Homogeneity: 20° C to 72° C: ≤ ±0.2° C, 95° C: ≤ ± 0.3° C or better range.			
		Temperature Uniformity should be ≤ 0.5° C.			
		System should have Heating ramp rate of 3.3 °C/s and Cooling ramp rate of 1.5 °C/s or better.			
		System should have adjustable ramp rate both for heating & cooling from 0.1° C to meet critical amplification conditions for emerging new applications.			
		Lid descent and closing pressure should be through safe Lid technology			
		Time or Temperature increment with cycles in PCR program.			
		Customized programming allows a maximum of 40 steps and 99 cycles			
		The system should weigh less than 9 kg for easy handling.			
		Storage of instrument specific and device specific event logs.			
		Data export possible with USB and additional cloud-based software			
		Receive free calibration twice a year for up to at least three years			
		At least 2 Years comprehensive warranty			
		Supplying Start-up consumables (including plasticware & chemicals) for 1000 reactions with the equipment is preferred			
		Suggesting item should be a world reputed brand with at least ten years satisfactory sales record including in Sri Lanka or international			
		The proposed model should have been recently introduced to the market and accessories and spare parts should be available at least 5 year			

8	Orbital shaker	Should be microprocessor control system	2		
		Should comply with GS safety standards and CE standards			
		Overall dimensions (W x D x H): 500 x 625 x 140 mm or higher			
		Moving platform: 450 x 450 mm or higher			
		Load: 15 kg or higher			
		Shaking motion- orbital			
		Timer: 1 min: 99: 59 hours and continuous operation option			
		Shaking amplitude: 30 mm			
		Shaking frequency: 20- 300 rpm (should be within the range)			
		Electrical connection: 230 V/ 50 Hz			
		System should include stainless steel shaking tray, 16 Nos of clamps for 250 ml flasks			
		Universal mount which is secure attachment different shaking objects			
		After sales services: Should have a good after sales service.			
		Please attach details of after sales service personal, their qualifications and address of the after sales division etc.			
		Letter of authority required from the manufacturer			
		Documentary evidence of requested specifications should be provided clearly by making on manufacturer's literature where necessary.			
9	Educational Robot Arm	Suggesting item should be a world reputed brand with at least ten years satisfactory sales record including in Sri Lanka	1		
		The proposed model should have been recently introduced to the market and should not be in phase out stage.			
		Degrees of Freedom: 6			
		Working Radius: 280 mm			
		Payload Capacity: 250 g			
		Repeatability: ± 0.5 mm			
		Weight: 1Kg			
		Power Supply: 12 V DC, 5 A			
		Max Joint Speed: $\sim 150^\circ$, Elephant Robotics myCobot 280, xArm 6 (UFactory), iryo Ned2 or similar			

10	Plasma Cutter	120 LGK-120 IGBT DC Inverter Plasma Cutter Voltage: 3-380V	1		
		Rated Power: 22.4KVA Rated output voltage: 120V			
		Output current range: 30~100A			
		25 mm or above cutting thickness			
11	Power Supply	0-30V Dc Adjustable voltage With adjustable current of minimum 5A, 230V 50Hz power input, Stability 0.01% +/-5mV or better ,0.2% +/-5mA or better terminal 4mm sockets, dual channel output	2		
		LED display of current and voltage			
		minimum 1 year warranty			
12	Sphero meter	Brass or stainless-steel construction	12		
		Main scale 10-0-10 mm			
		Least count 0.01mm			
		minimum 1 year warranty			
13	Multimeter	True RMS Auto range multimeter. DC voltage 400mV-1000V,+/-0.5% +/- two digits, AC voltage up to 700 V, DC current 400uA-10A(+/- 1%) +/- four digits, Resistance 400 ohms-40 Mega ohms +/- (1%)+/- two digits, Operating voltage 9V battery, minimum 1 year warranty	20		
14	Vernier caliper	Stainless steel solid body, 0.05mm least count, up to 15 cm main scale	10		

15	Heating Magnet Stirrer	Speed control range: 0-1500 RPM (should be within the range)	7		
		Max. stirring volume (water): 15 litres or better capacity			
		Plate temperature regulation range: +30°C- +450°C or better range			
		Temperature uniformity on the plate: $\pm 3^{\circ}\text{C}$			
		Working plate heating time till 330°C: 15 min			
		Working surface material: Aluminum alloy			
		The entire stirrer should be made out of a material with chemical and corrosive resistant			
		Attachable stand size: not more than $\varnothing 8 \times 320$ mm			
		Length of magnetic stirring element: 10–50 mm			
		Max. stirring liquid viscosity: up to 1170 mPa.s			
		Fault indication: Outputs sound signal and turns off the heating			
		Overall dimensions (W×D×H): not more than 190x270x100 mm			
		Weight: not more than 2.9 kg			
		Nominal operating voltage: 230 V; 50/60 Hz compatible			
		Power consumption (Stirring): not more than 8.5 W			
		Power consumption (Heating): not more than 550 W			
		Documentary evidence of requested specifications should be provided clearly by making on manufacturer's literature where necessary.			
		Suggesting item should be a world reputed brand with at least ten years satisfactory sales record including in Sri Lanka			
		The proposed model should have been recently introduced to the market and <u>should not be</u> in phase out stage			
		The proposed model should be recently introduced to the market			
16	Vacuum pump for the rotary evaporat or	For air, gases and vapors	5		
		Delivery (l/min): 20			
		Ultimate vacuum (mbar abs) 7			
		operating pressure (bar g) 1			
		Connectors for tube (mm): OD 10			
		Permissible gas and ambient temperature - +5oC-+40oC			
		Voltage/frequencies 230V, 50 Hz860Hz			
		Power p, 180 W			
		Weight: 9.3 Kg			

		Dimensions (approx) 300x200x250			
		100 % oil-free transfer			
		Pure transfer, evacuation and compression			
		highly compatible with vapors and condensation			
		Chemical resistant			
		suitable for highly aggressive and corrosive gases and vapors			
		Maintenance free			
		At least 2 year warranty period is required			
		After sales services: should have a good after sales service			
		Please attach details of after sales service personal, their qualifications and address of the after sales division etc.			
		Letter of authority required from the manufacturer			
		Documentary evidence of requested specifications should be provided by making on manufacturer's literature			
		Should be a world reputed brand and should contain at least 10 years acceptable working records including in Sri Lanka			
		The proposed model should be recently introduced to the market			
17	Benchtop pH & Conductivity Meter	pH meter kit should include all the accessories	2		
		It should include buffers, standards, storage solutions, calibration tubes and accessories for quick start up.			
		Meter should be water resistant to IP 54 or better standard			
		It should have a LCD display with backlight			
		It should have automatic temperature compensation facility and automatic buffer recognition facility with pH 2.01, 4.01, 7.00, 9.21 and 10.01 buffers			
		The meter should be operated with AA batteries			
		Power adapter should be also provided to operate the meter using AC electricity			
		It should have gel filled pH glass combination electrode			
		The meter should read parameters pH, mV conductivity and temperature			
		Electrode cable length should be at least 1 meter			
		Electrode stand, universal power adapter, literature CD, printed quick start guide,			

		computer interface cable and meter test certificate should also be provided with the meter pH			
		• Range (pH): 0-14 pH			
		• Resolution (pH): 0.01 or better			
		• Accuracy (pH): ± 0.002 pH or better			
		• Range (Temperature): 0 to 100° C			
		• Resolution (Temperature): 0.1°C or better			
		• Accuracy (Temperature): ± 0.1°C or better			
		mV			
		• Range (mV): 0 to 2000.0 mV			
		• Resolution (mV): 0.1mV			
		• Accuracy (mV): ± 0.2 mV			
		Conductivity electrode			
		Compliance- Meter should comply with CE standard			
		Warranty period of one year or more is required			
		Letter of authority required from the manufacturer			
		Documentary evidence of requested specifications should be provided clearly by making on manufacturer's literature where necessary.			
		Suggesting item should be a world reputed brand with at least ten years satisfactory sales record including in Sri Lanka			
		The proposed model should have been recently introduced to the market and should not be in phase out stage.			

Section VI. Conditions of Contract (CC)

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 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: Uva Wellassa University
CC 1.1 (m)	The Project Site(s)/Final Destination(s) is/are: Uva Wellassa University, Passara Road, Badulla
CC 8.1	For notices, the Purchaser's address shall be: Deputy Bursar Uva Wellassa University, Passara Road, Badulla. 055-2226475/ 055-2226633
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	The liquidated damage (Late Delivery) shall be: 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.

Section VIII. Contract Forms

Table of Forms

1. Contract Agreement	29
2. Performance Security	30

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

Date:-----.--

Performance Bid 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)]

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	Bid Document Fee (Non – Refundable)				
12	Financial Statement				
Status					

“Bidders must fill above Check List”

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

Name :

Signature :

Designation :