

DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA



UVA WELLASSA UNIVERSITY

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

UWU/G/NCB/18/09

BIDDING DOCUMENT

Bid Opening On	17 th September 2018 - 2.00 p.m.
Bid Validity up to	91 days from 17 th September 2018

Uva Wellassa University
Passara Road,
Badulla,
Sri Lanka


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

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INVITATION FOR BIDS UVA WELLASSA UNIVERSITY



Supply, Delivery, Installation & Commissioning of Laboratory Equipment for Department of Biosystem Technology, Faculty of Technological Studies UWU/G/NCB/18/09

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 Biosystem 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 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 **20th August 2018 to 14th September 2018 and up to 12.30 p.m. on 17th September 2018.**
4. A complete set of bidding documents in English may be purchased by interested bidders on submission of a written application to the Deputy Bursar/ Supplies, Uva Wellassa University, Passara Road, Badulla and upon payment of a non-refundable fee of Rupees 2,000.00 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 should submit the complete documents along with a Bank Draft drawn in favour of the "Vice Chancellor, Uva Wellassa University" for Rs. 2,000.00 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 17th September 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 17th September 2018** Please indicate the **"SUPPLY, DELIVERY, INSTALLATION & COMMISSIONING OF LABORATORY EQUIPMENT FOR DEPARTMENT OF BIOSYSTEM TECHNOLOGY, FACULTY OF TECHNOLOGICAL STUDIES - UWU/G/NCB/18/09"** 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. 72,000.00**
7. Pre Bid meeting will be held at **02.00 p.m. at on 03rd September 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

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

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Contract Agreement

THIS CONTRACT AGREEMENT is made

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

BETWEEN

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

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

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

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

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

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

(a) This Contract Agreement

(b) Contract Data

(c) Conditions of Contract

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

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

(f) The Purchaser’s Notification of Award

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

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

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

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

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

For and on behalf of the Purchaser

Signed: [insert signature]

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

in the presence of [insert identification of official witness]

For and on behalf of the Supplier

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

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

in the presence of [insert identification of official witness]

Performance Security

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

Date: -----

PERFORMANCE GUARANTEE No.: -----

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

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

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

[Signature(s)]


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

Section II.

Bidding Data Sheet (BDS)

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

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

ITB 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, Installation & Commissioning of Laboratory Equipment for Department of Biosystem Technology, Faculty of Technological Studies Contract No: UWU/G/NCB/18/09
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 Bursar/Supplies Address: Uva Wellassa University, Passara Road, Badulla. Telephone: 055-2226475 Electronic 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: <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 : 91 days from 17th September 2018
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 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: Rs. 72,000.00 Beneficiary: Vice Chancellor, Uva Wellassa University. The validity period of the bid security shall be 120 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 DEPARTMENT OF BIOSYSTEM TECHNOLOGY, FACULTY OF TECHNOLOGICAL STUDIES Contract No: UWU/G/NCB/18/09
ITB 23.1	For bid submission purposes, the Purchaser's address is: Attention: Deputy Bursar Address: Uva Wellassa University, Passara Road, Badulla. The deadline for the submission of bids is Date: 17th September 2018 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: 17th September 2018 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 0.5% 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
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.


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

Section III.

Evaluation and Qualification Criteria

1. Evaluation Criteria (ITB 35.3 (d))

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

(a) Delivery schedule

Option 2

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

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

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

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

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

2. Evaluation Criteria (ITB 35.4):

Not Applicable

3. Multiple Contracts (ITB 35.5)

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

The Purchaser shall:

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

3. Post qualification Requirements (ITB 37.2)

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

Qualification Criteria:

- (a) Bid may be submitted by any reputed supplier of **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/G/NCB/18/09

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 Biosystem Technology, Faculty of Technological Studies Contract No: UWU/G/NCB/18/09** said Price Schedule amounting to Rupees and cents (Rs) only

I / We undertake to **Supply, Delivery, Installation & Commissioning of Laboratory Equipment for Department of Biosystem 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 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.....


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

Price Schedule
Supply, Delivery, Installation & Commissioning of Laboratory Equipment for Department of
Biosystem Technology, Faculty of Technological Studies
Contract No: UWU/G/NCB/18/09

(Rs.)

No	Items	Q T Y	Unit Price (excluding VAT)	Total Price (excluding VAT)	VAT 15%	Total Price including VAT
1	Magenetic stirres	5				
2	Conductivity meter	4				
3	Analitical balance	2				
4	pH meters	4				
5	Electronic Digital Balance	2				
6	Thermometer (Digital)	2				
7	Thermometer (Digital)	2				
8	Electronic Digital Balance	1				
9	Electric Water bath	1				
10	Ice flake making machine	1				
11	(Digital) Verniar caliper	1				
12	Digital Balance for Physics lab	2				
13	Thermocouple Thermometer	7				
14	Micrometer (Digital Gauge)	1				
15	Spirit level	10				
16	Travelling microscope	10				
17	Digital Storage Oscilloscope	15				
18	Digital Pressure Gauges	4				
19	Stop Watch	10				
20	Analog DC Ammeter and voltmeter	10				
21	Tuing fork set	3				
22	Vernier caliper (analogue	10				
23	Pendulum bob set	5				
24	Floating compass	10				
25	Digital multimeter	10				
26	Digital IR thermometer	1				

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.....


Deputy Bursar (Stores & Supplies)
Uva Wellnessa University
Passara Road, Galdulla.

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)]


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

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]



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

Section V

Schedule of Requirements

1. List of Goods and Delivery Schedule

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

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

* Destination of delivery: - Department of Biosystem Technology
Faculty of Technological Studies,
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 Department of Biosystem Technology, Faculty of Technological Studies - UWU/G/NCB/18/09					
No	Item	Specifications	Qty	Bidders' Response	
				Yes	No
1	Magenetic stirres	Maximum stirring capacity: (H2O) 1000mL -2000mL	5		
		Speed: 100 rpm to 1000 rpm			
		Permissible ambient temperature: 0°C to 100 °C			
		permisble relative humidity: 95%			
		Interior and the exterior of the stirrer should be chemical resistance (priority for Chemical resist Polymers)			
		Should include set of teflon Magnet bars			
		Power supply: 230v			
		Warranty - two years or above			
2	Conductivity meter	Accuracy: 0.1µS/cm to 199 ms/cm or above	4		
		Salinity: 0.00 to 199.9 psu or similar			
		Temperature: 0 °C to 100 °C			
		calibration :1 point , 3 predefined standers			
		Interior and the exterior of the item should be chemical resistance (priority for Chemical resist Polymers)			
		The proposed model should have been recently introduced to the market and should be in phase out stage			
		reference temperature: 20 °C and 25°C			
		Warranty - two years or above			
3	Analitical balance	Accuracy: 0.0001g or above	2		
		Capacity: 1mg - 100g			
		respones time: 2s or lesser			
		Tare range: full to capacity			
		Interior and the exterior of the balance should be chemical resistance (priority for Chemical resist Polymers)			
		Letter of authority required from the manufactures			
		Documentary evidence of requested spesifications should be provided clearly by making on manufacturer's literature where necessary			
		Prriority for world reputed brand			

		The proposed model should have been recently introduced to the market and should be in phase out stage			
		Pan size: 85mm or higher			
		Calibration: internal Automatic			
		Electrical connection: 230v /50 Hz			
		Warranty - two years or above			
		Display should be LCD Backlight			
4	pH meters	pH meter kit should include all the accessories needed to start testing in the field	4		
		It should include ,buffer ,standers ,storage solutions , calibration tubes and accessories for quick start up.			
		Meter should be water resistant to IP 67 standard			
		It should have a LCD display with backlight			
		It should have automatic temperature compensation facility and automatic buffer recognition facility with pH 4.01, 7.01, 10.01,12			
		The meter should be operated with rechargeable batteries			
		It should have gel filled pH glass combination electrode or more Advanced and Durable			
		The meter should read parameters pH ,mV and temperature			
		Range:0-14			
		Resolution :0.001or better			
		Accuracy: ± 0.002 pH or better			
		Materials should be Chemical resist Polymer			
		Warranty - two years or above			
5	Electronic Digital Balance	Capacity : ~1 mg - 500g	2		
		Accuracy: 0.001g			
		Stabilization time: 3s or lesser			
		External calibration function should be available			
		Pan size: Not less than 120mm			
		Square draft shield with all glass panels including 3 sliding doors			
		Front mounted level indicator for easy viewing			
		Weigh below hook shall be available for density measurement			

		The balance should have stability indicator			
		Auto tare facility			
		CE and ISO certificates should be available			
		Interior and the exterior of the balance should be chemical resistance (priority for Chemical resist Polymers)			
		Letter of authority required from the manufactures			
		Documentary evidence of requested specifications should be provided clearly by making on manufacturer's literature where necessary			
		Priority for world reputed brand			
		The proposed model should have been recently introduced to the market and should be in phase out stage			
		Warranty - two years or above			
6	Thermometer (Digital)	Measurment Range: -50 °C to 150 °C	2		
		Resolution 0.1 °C or higher			
		Accuracy (-20 °C to 90 °C)			
		Weight 80g			
		Warranty - two years or above			
7	Thermometer (Digital)	Measurment Range: ~10 °C to 1000 °C or neasrest	2		
		Resolution 0.1 °C or higher			
		Accuracy (~500 °C or nearest)			
		Weight 80g			
		Warranty - two years or above			
8	Electronic Digital Balance	Capacity : ~1g - 2 kg	1		
		Accuracy: 0.01-0.001g			
		Stabilization time: 3s or lesser			
		External calibration function should be available			
		Pan size: Not less than 120mm			
		Square draft shield with all glass panels including 3 sliding doors			
		Front mounted level indicator for easy viewing			
		Weigh below hook shall be available for density measurement			
		The balance should have stability indicator			
		Auto tare facility			
		CE and ISO certificates should be available			

		Interior and the exterior of the balance should be chemical resistance (priority for Chemical resist Polymers)			
		Letter of authority required from the manufactures			
		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 10 years satisfactory sales record including in Sri Lanka			
		The proposed model should have been recently introduced to the market and should be in phase out stage			
		Warranty - two years or above			
9	Electric Water bath	Homogeneous degree of temperature(°C) : $\leq\pm 1$ Wave degree of temperature(°C) : $\leq\pm 1$ Range of temperature-control(°C) : $Rt+10\sim 100$ Sensitivity of temperature-control(°C): $\leq\pm 1$ Error of indication(°C): $\leq\pm 2$	1		
		Material should be chemical resistance and water bath Should be very high resistance to pitting and stress corrosion Stainless steel (Grade 2205 or better)			
10	Ice flake making machine	It should be Energy-saving production	1		
		There is a convenient door for easy access			
		There should be a separate power switch			
		Material should be chemical resistance (priority for Chemical resist Polymers) ice Container should be high resistance to pitting and stress corrosion			
		02 years warranty			
		Power supply: 230V, 50Hz			
11	(Digital) Verniar caliper	Measuring Speed : ≤ 1.5 m / seconds or 60 inches / seconds or above	1		
		Measuring Range : 0 to 150 mm / 0 to 6 inches			
		Power : One 1.5 V button cell (Type Sr44)			
		Storage Temperature : 0°C to 50°C / 32°F to 122°F			

		Working Environment : 5°C to 40°C / 41°F to 104°F (less than 80% Relative Humidity)			
		Resolution : 0.01 mm / 0.0005 inches			
		Accuracy : +0.02 mm / ±0.001 inches (<100 mm), ±0.03 mm / ±0.001 inches (100 to 150 mm)			
		Swich - Inch / mm conversion switch , Power ON / OFF switch, Zero switch			
		Warranty - two years or above			
		Rotameter - yes			
12	Digital Balance for Physics lab	capacity 1mg – 500g	2		
		Accuracy: 0.001g			
		Stabilization time: 3s or lesser			
		External calibration function should be available			
		Pan size: Not less than 120mm			
		Square draft shield with all glass panels including 3 sliding doors			
		Front mounted level indicator for easy viewing			
		Weigh below hook shall be available for density measurement			
		The balance should have stability indicator			
		Auto tare facility			
		CE and ISO certificates should be available			
		Interior and the exterior of the balance should be chemical resistance			
		Letter of authority required from the manufactures			
		Documentary evidence of requested spesifications should be provided clearly by making on manufacturer's literature where necessary			
		Suggesting item should be a world reputed brand with at least 10 years satisfactory sales record including in Sri Lanka			
		The proposed model should have been recently introduced to the market and should be in phase out stage			
		Warranty - two years or above			

		Function - Zero setting (INC length measurement system) Hold Function lock Auto power ON/OFF Data output *1 Error alarm			
13	Thermocouple Thermometer	Accuracy at 25°C	7		
		Temperature range 0-1300°C			
		Connectable to multimeter			
		Weight approximately 90g			
		Warranty - two years or above			
		Capacity shall not be less than 0-200g			
14	Micrometer (Digital Gauge)	Measurements are made to an accuracy - 0.01 mm / 0.0005 inches	1		
		Warranty - two year or above			
		Swich - Inch / mm conversion switch			
		Power : One 1.5 V button cell (Type Sr44)			
		Storage Temperature : 0°C to 50°C / 32°F to 122°F			
		Measuring Range : 0 to 50 mm or more			
		Warranty - two years or above			
15	Spirit level	Accuracy: 5mm/m	10		
		Should be protective-end caps			
		Warranty: Lifetime accuracy warranty			
		There must be durable aluminum alloy frame			
		Magnified horizontal vial w/patented Glo-View® maximizes vial readability			
		Large comfortable rubberized hand grips			
16	Travelling microscope	Travel- Fine Horizontal 15 mm minimum Vertical 15 mm minimum Right angle 10 mm minimum	10		
		Travel- Coarse Horizontal 150 mm minimum Vertical 150 mm minimum Right angle 100 mm minimum			
		Base Size (L x B x H) minimum 350 mm X2 50mm X 80mm			
		Base Plate Cast iron with three leveling screws			
		Objective lens focal length 50mm			
		Eye piece 10x or more with graduated scale			

		Least count of all the fine travels 0.01 mm or less			
		Telescope tube setting Can be set horizontally & vertically			
		there shuld be accessories Reading magnifier			
		Packing Plywood box			
		Manufacturer should be accredited for ISO9001-2008 standard			
		Product literature of the quoted model should be enclosed, without which the offer is liable to be rejected			
		Supplied product shall have to pass our laboratory test, without which it is liable to be rejected			
		Product shall be under minimum 1 year manufacturing warranty			
17	Digital Storage Oscilloscope	60MHz/100MHz/200MHz bandwidth	15		
		500MS/s to 1GS/s real-time sample rate			
		50GS/s sample rate for repetitive waveforms			
		1M Memory			
		2mV/div to 50V/div Vertical Sensitivity			
		High resolution color LCD display			
		USB storage, RS232C , optional J45 interface			
		4000 point record length for each channel			
		Multi-waveforms math, FFT Function			
		Built-in delay sweep function			
		Automatic Multi-waveform Measurement			
		Cursor & Track measurement			
		Waveform Record & Recall			
		Trigger Mode for Edge, Video, Pulse Width, Slope & Alternate			
		Pass & Failure for ordinary setting and waveform setting			
		Calibration Signal with optional frequency of 1KHz,10KHz & 100KHz			
		10 groups of waveform storage, CSV storage, 10 groups of setting and position storage			
18	Digital Pressure Gauges	Accuracy: $\pm 0.25\%$ of full scale, BFSL	4		
		Display: LCD, 1/2 inch high			
		Units: PSI, FT of Head (WC), BAR			

		Process connection: 1/4 inch NPT(M), bottom			
		Wetted materials: 304L & 316L SS			
		Operating Temp: 14 to 140°F (-10 to 60°C)			
		Power: Standard 9 VDC battery (included)			
		Weight: 0.8 lb (363 g)			
		Dimensions: 2-5/8 inch diameter x 1 inch deep (6.7cm diameter x 2.54cm deep)			
19	Stop Watch	Type- Digital	10		
		Weight- 50g			
		Dimensions - (57x70x15mm)			
		Warranty- 01 year			
20	Analog DC Ammeter and voltmeter	Max scale : 3/10/30/100 μ A	8		
		Opeating pinciple :Permanent moving coil			
		Operating position : Horizontal			
		Scale length :Approximately 135mm			
		Scale division :100/150			
		Line max :250v (Ammeters only)			
		should be quick response and easy to read scale			
21	Tuing fork set	Box : wooden	3		
		Color :silver, Tuing fork Material: Metal			
22	Vernier caliper (analogue	Measuring Speed : ≤ 1.5 m / seconds or 60 inches / seconds or above	10		
		Measuring Range : 0 to 150 mm / 0 to 6 inches			
		Power : One 1.5 V button cell (Type Sr44)			
		Storage Temperature : 0°C to 50°C / 32°F to 122°F			
		Working Environment : 5°C to 40°C / 41°F to 104°F (less than 80% Relative Humidity)			
		Resolution : 0.01 mm / 0.0005 inches			
		Accuracy : +0.02 mm / ± 0.001 inches (<100 mm), ± 0.03 mm / ± 0.001 inches (100 to 150 mm)			
		Warranty - two years or above			
		Rotameter - yes			
23	Pendulum bob set	Size :25mm	5		
		Pendulum bob with hook			
		made of aluminium			
		High durability			
24	Floating compass	Compression waterproof :yes	10		

		Material : Metal glass			
		Carry way : hand held			
		Display mode : compass- style			
		Accuracy : $\leq \pm 1^\circ$			
25	Digital multimeter	AC voltage :500v	10		
		DC voltage :1000v			
		Display : LCD			
		Measuring methods :dual- slope			
		Probe type :test lead set			
		Display digits :50000 counts			
		Weight : 160g			
		Warranty - two years or above			
26	Digital IR thermometer	Temperature :0 to 100	1		
		Accuracy : $\pm 2^\circ\text{C}$			
		Data hold :yes			
		Backlight display :yes			
		Laser target pointer select : yes			
		Display ; LCD			

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/ 055-2226533
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 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.
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: 1% from the contract sum, per week.
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”