## DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA



Supply, Delivery, Installation and Commissioning of Laboratory Equipment for Faculty of Medicine, Uva Wellassa University

UWU/G/NCB/FOM/23/01

## **BIDDING DOCUMENT**

<b>Bid Opening on</b>	19/09/2023
Bid Validity up to	19/12/2023

Client:

Uva Wellassa University of Sri Lanka Passara Road Badulla

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# Section I. Instructions to Bidders (ITB)

ITB shall be read in conjunction with the Section II, Bidding Data Sheet (BDS), which shall	
take precedence over ITB. General	
1. Scope of Bid	1.1 The Purchaser indicated in the Bidding Data Sheet (BDS), issues these Bidding Documents for the supply of Goods and Related Services incidental thereto as specified in Section V, Schedule of Requirements. The name and identification number of this procurement are specified in the BDS. The name, identification, and number of package (individual contracts), if any, are provided in the BDS.
	1.2 Throughout these Bidding Documents: (a) the term " in writing" means communicated in written form by mail (other than electronic mail) or hand delivered with proof of receipt; (b) if the context so requires " singular" means "plural" and vice versa; and (c) "Day" means calendar day.
2. Source of Funds	2.1 Payments under this contract will be financed by the source specified in the BDS.
3. Ethics, Fraud and Corruption	3.1 The attention of the bidders is drawn to the following guidelines of the Procurement Guidelines published by National Procurement Agency:  • Parties associated with Procurement Actions, namely, suppliers/contractors and officials shall ensure that they maintain strict confidentiality throughout the process;  • Officials shall refrain from receiving any personal gain from any Procurement Action. No gifts or inducement shall be accepted. Suppliers/contractors are liable to be disqualified from the bidding process if found offering any gift or inducement which may have an effect of influencing a decision or impairing the objectivity of an official.  3.2 The Purchaser requires the bidders, suppliers, contractors, and consultants to observe the highest standard of ethics during the procurement and execution of such contracts. In pursuit of this policy: corrupt practice" means the offering, giving,

receiving, or soliciting, directly or indirectly, of anything of value to influence the action of a public official in the procurement process or in contract execution;

- (b) "fraudulent practice" means a misrepresentation or omission of facts in order to influence a procurement process or the execution of a contract;
- (c) "collusive practice" means a scheme or arrangement between two or more bidders, with or without the knowledge of the Purchaser to establish bid prices at artificial, noncompetitive levels; and
- (d) "Coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the procurement process or affect the execution of a contract.
- 3.3 If the Purchaser found any unethical practices as stipulated under ITB Clause 3.2, the Purchaser will reject a bid, if it is found that a Bidder directly or through an agent, engaged in corrupt, fraudulent, collusive or coercive practices in competing for the Contract in question.

#### 4. Eligible Bidders

- 4.1 All bidders shall possess legal rights to supply the Goods under this contract.
- 4.2 A Bidder shall not have a conflict of interest. All bidders found to have conflict of interest shall be disqualified. Bidders may be considered to have a conflict of interest with one or more parties in this bidding process, if they:
- (a) are or have been associated in the past, with a firm or any of its affiliates which have been engaged by the purchaser to provide consulting services for the preparation of the design, specifications, and other documents to be used for the procurement of the goods to be purchased under these Bidding Documents; or
- (b) Submit more than one bid in this bidding process. However, this does not limit the participation of subcontractors in more than one bid.
- 4.3 A Bidder that is under a declaration of ineligibility by the National Procurement Agency (NPA), at the date of submission of bids or at the date of contract award, shall be

5. Eligible Goods and Related Services	disqualified. The list of debarred firms is available at the website of NPA, www.npa.gov.lk.  4.4 Foreign Bidder may submit a bid only if so stated in the BDS.  5.1 All goods supplied under this contract shall be complied with applicable standards stipulated by the Sri Lanka Standards Institute (SLSI). In the absence of such standards, the Goods supplied shall be complied to other internationally accepted standards.
6.Sections of Bidding Documents	<ul> <li>6.1 The Bidding Documents consist of 2 Volumes, which include all the sections indicated below, and should be read in conjunction with any addendum issued in accordance with ITB Clause 8. Volume 1 • Section I. Instructions to Bidders (ITB) • Section VI. Conditions of Contract (CC) • Section VIII. Contract Forms</li> <li>Volume 2 • Section III. Bidding Data Sheet (BDS) • Section III. Evaluation and Qualification Criteria • Section IV. Bidding Forms • Section V. Schedule of Requirements • VII. Contract Data • Invitation For Bid</li> <li>6.2 The Bidder is expected to examine all instructions, forms, terms, and specifications in the Bidding Documents. Failure to furnish all information or documentation required by the Bidding Documents may result in the rejection of the bid.</li> </ul>
7.Clarification of Bidding Documents	1. A prospective Bidder requiring any clarification of the Bidding Documents including the restrictiveness of specifications shall contact the Purchaser in writing at the Purchaser's address specified in the BDS. The purchaser will respond7 in writing to any request for clarification, provided that such request is received no later than ten (10) days prior to the deadline for submission of bids. the purchaser shall forward collies of its response to all those who have purchased the Bidding Documents, including a description of the inquiry but without identifying its source. Should the Purchaser deem it

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	necessary to amend the Bidding Documents as a result of a clarification, it shall do so following the procedure under ITB Clause 8.
8.Amendment of Bidding Documents	8.1 At any time prior to the deadline for submission of bids, the Purchaser may amend the Bidding Documents by issuing addendum. 8.2 Any addendum issued shall be part of the Bidding Documents and shall be communicated in writing to all who have purchased the Bidding Documents. 8.3 To give prospective Bidders reasonable time in which to take an addendum into account in preparing their bids, the purchaser may, at its discretion, extend the deadline for the submission of bids, pursuant to ITB Sub-Clause 23.2
9.Cost of Bidding	9.1 The Bidder shall bear all costs associated with the preparation and submission of its bid, and the Purchaser shall not be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.
10.Language of Bid	10.1 The Bid, as well as all correspondence and documents relating to the Bid (Including supporting documents and printed literature) exchanged by the Bidder and the Purchaser, shall be written in English language
11.Documents Comprising the Bid	11.1 The Bid shall comprise the following:  (a) Bid Submission Form and the applicable Price Schedules, in accordance with ITB Clauses 12, 14, and 15;  (b) Bid Security or Bid-Securing Declaration, in accordance with ITB Clause 20;  (c) documentary evidence in accordance with ITB Clauses 18 and 29, that the Goods and Related Services conform to the Bidding Documents;  (d) documentary evidence in accordance with ITB Clause 18 establishing the Bidder's qualifications to perform the contract if its bid is accepted; and  (e) Any other document required in the BDS.
12.Bid Submission from and Price schedules	(e) Any other document required in the BDS.  12.1 The Bidder shall submit the Bid Submission Form using the form furnished in Section IV, Bidding Forms. This form must be completed without any alterations to its format, and no substitutes shall be accepted. All blank spaces shall be filled in with the information requested

## 13. Alternative Bids 13.1 Alternative bids shall not be considered. 14.Bid Prices and Discounts 14.1 The Bidder shall indicate on the Price Schedule the unit prices and total bid prices of the goods it proposes to supply under the Contract. 14.2 Any discount offered against any single item in the price schedule shall be included in the unit price of the item. However, a Bidder wishes to offer discount as a lot the bidder may do so by indicating such amounts appropriately. 14.3 If so indicated in ITB Sub-Clause 1.1, bids are being invited for individual contracts (package) or for any combination of contracts. Unless otherwise indicated in the BDS, prices quoted shall correspond to 100 % of the items specified for each lot and to 100% of the quantities specified for each item of a lot. Bidders wishing to offer any price reduction (discount) for the award of more than one Contract shall specify the applicable price reduction separately. 14.4 (i) Prices indicated on the Price Schedule shall include all duties and sales and other taxes already paid or payable by the Supplier: (a) on components and raw material used in the manufacture or assembly of goods quoted; (b) on the previously imported goods of foreign origin (ii) However, VAT shall not be included in the price but shall be indicated separately; (iii) the price for inland transportation, insurance and other related services to deliver the goods to their final destination; (iv) the price of other incidental services 14.5 The Prices quoted by the Bidder shall be fixed during the Bidder's performance of the Contract and not subject to variation on any account. A bid submitted with an adjustable price quotation will be treated as nonresponsive and rejected, pursuant to ITB Clause 31. 14.6 All package, if any and items must be

listed and priced separately in the Price

Schedules. If a Price Schedule shows items listed but not priced, their prices shall be assumed to be included in the prices of other

	items
15.Currencies of Bid	15.1 Unless otherwise stated in Bidding Data Sheet, the Bidder shall quote in Sri Lankan Rupees and payment shall be payable only in Sri Lanka Rupees.
16. Documents Establishing the Eligibility of the Bidder	16.1 To establish their eligibility in accordance with ITB Clause 4, Bidders shall complete the Bid Submission Form, included in Section IV, Bidding Forms.
17. Documents Establishments	17.1 To establish the conformity of the Goods and Related Services to the Bidding Documents, the Bidder shall furnish as part of its Bid the documentary evidence that the Goods conform to the technical specifications and standards specified in Section V, Schedule of Requirements.  17.2 The documentary evidence may be in the form of literature, drawings or data, and shall consist of a detailed item by item description (given in Section V, Technical Specifications) of the essential technical and performance characteristics of the Goods and Related Services, demonstrating substantial responsiveness of the Goods and Related Services to the technical specification, and if applicable, a statement of deviations and exceptions to the provisions of the Schedule of Requirements.  17.3 The Bidder shall also furnish a list giving full particulars, including quantities, available sources and current prices of spare parts, special tools, etc., necessary for the proper and continuing functioning of the Goods during the period if specified in the BDS following commencement of the use of the goods by the Purchaser.
18.Documents Establishing the Qualifications of the Bidder	18.1 The documentary evidence of contract if its bid is accepted shall establish  (a) A Bidder that does not manufacture or produce the Goods it offers to supply shall submit the Manufacturer's Authorization using the form included in section IV, Bidding Forms to demonstrate that it has been duly authorized by the manufacturer or producer of the Goods to supply these Goods;  (b) that, if required in the BDS, in case of a Bidder not doing business within Sri Lanka,
	the Bidder is or will be (if awarded the contract) represented by an Agent in Sri

	Lanka equipped and able to carry out the Supplier's maintenance, repair and spare parts stocking obligations prescribed in the Conditions of Contract and/or Technical Specifications; and (c) That the Bidder meets each of the qualification criterions specified in Section III, Evaluation and Qualification Criteria
19.Period of Validity of Bids	19.1 Bids shall remain valid until the date specified in the BDS. A bid valid for a shorter date shall be rejected by the Purchaser as non-responsive.  19.2 In exceptional circumstances, prior to the expiration of the bid validity date, the Purchaser may request bidders to extend the period of validity of their bids. The request and the responses shall be made in writing. If a Bid Security is requested in accordance with ITB Clause 20, it shall also be extended for a corresponding period. A Bidder may refuse he request without forfeiting its Bid Security. A Bidder granting the request shall not be required or permitted to modify its bid.

#### 20. Bid Security 20.1 The Bidder shall furnish as part of its bid, a Bid Security as specified in the BDS. 20.2 The Bid Security shall be in the amount specified in the BDS and denominated in Sri Lanka Rupees, and shall: (a) at the bidder's option, be in the form of either a bank draft, a letter of credit, or a bank guarantee from a banking institution; (b) be issued by a institution acceptable to Purchaser. The acceptable institutes are published the **NPA** website, in www.npa.gov.lk. (c) be substantially in accordance with the form included in Section IV, Bidding Forms; (d) be payable promptly upon written demand by the Purchaser in case the conditions listed in ITB Clause 20.5 are invoked: (e) be submitted in its original form; copies will not be accepted; (f) Remain valid for the period specified in the BDS. 20.3 Any bid not accompanied by a substantially responsive Bid Security in Accordance with ITB Sub-Clause 20.1 and 20.2, may be rejected by the Purchaser as non-responsive. 20.4 The Bid Security of unsuccessful Bidders shall be returned as promptly as possible upon the successful Bidder's furnishing of the Performance Security pursuant to ITB Clause 43. 20.5 The Bid Security may be forfeited: (a) if a Bidder withdraws its bid during the period of bid validity specified by the Bidder on the Bid Submission Form, except as provided in ITB Sub- Clause 19.2; or 21. Format and Signing of Bid 21.1 The Bidder shall prepare one original of documents comprising the bid as described in ITB Clause 11 and clearly mark it as "ORIGINAL". In addition, the Bidder shall submit a copy of the bid and clearly mark it as "COPY. "In the event of any discrepancy between the original and the copy, the original shall prevail. 21.2 The original and the Copy of the bid shall be typed or written in indelible ink and shall be signed by a person duly authorized to

sign on behalf of the Bidder.

	21.3 Any interlineations, erasures, or overwriting shall be valid only if they are signed or initialed by the person signing the
	Bid.
Submission and	Opening of Bids
22.Submission Sealing and Marking of Bids	22.1 Bidders may always submit their bids by
	mail or by hand.  (a) Bidders submitting bids by mail or by hand, shall enclose the original and the copy of the Bid in separate sealed envelopes, duly marking the envelopes as "ORIGINAL" and
	"COPY." These envelopes containing the original and the copy shall then be enclosed in one single envelope.  22.2 The inner and outer envelopes shall:  (a) Bear the name and address of the Bidder;
	be addressed to the Purchaser in accordance with ITB Sub-Clause 23.1; (c) bear the specific identification of this bidding process as indicated in the BDS; and (d) Bear a warning not to open before the time
	and date for bid opening, in accordance with ITB Sub-Clause 261. If all envelopes are not sealed and marked as required, the Purchaser will assume no responsibility for the misplacement or premature opening of the bid
23.Deadline for Submission of Bids	23.1 Bids must be received by the Purchaser at the address and no later than the date and time specified in the BDS.
	23.2 The Purchaser may, at its discretion, extend the deadline for the submission of bids by amending the Bidding Documents in accordance with ITB Clause 8, in which case all rights and obligations of the Purchaser and Bidders previously subject to the deadline shall thereafter be subject to the deadline as
	extended.
24.Late Bids	24.1 The Purchaser shall not consider any bid that arrives after the deadline for submission
	of bids, in accordance with ITB Clause 23. Any bid received by the Purchaser after the deadline for submission of bids shall be declared late, rejected, and returned unopened to the Bidder.

Bids after it has been submitted by sending a written notice in accordance with ITB Clause 22, duly signed by an authorized representative, and shall include a copy of the authorization in accordance with ITB Sub-Clause 21.2, (except that no copies of the withdrawal notice are required). The corresponding substitution or modification of the bid must accompany the respective written notice. All notices must be:  (a) submitted in accordance with ITB Clauses 21 and 22 (except that no copies of the withdrawal notice are required). The corresponding substitution or modification of the bid must accompany the respective written notice. All notices must be:  (a) submitted in accordance with ITB Clauses 21 and 22 (except that no copies of the withdrawal notice are required). The corresponding substitution or modification of the bid must accompany the respective written notice. All notices must be:  (a) submitted in accordance with ITB Clauses 21 and 22 (except that withdrawal notices do not require copies), and in addition, the respective envelopes shall be clearly marked "WITHDRAWAL," or " MODIFICATION"; and  (b) Received by the Purchaser prior to the deadline prescribed for submission of bids, in accordance with ITB Sub-Clause 23.  25.2 Bids requested to be withdrawn in accordance with ITB Sub-Clause 25.1 shall be returned to the Bidders only upon notification of contract award to the successful bidder in accordance with ITB Sub-Clause 41.1.  25.3 No bid may be withdrawn, substituted, or modified in the interval between the deadline for submission of bids and the expiration of the period of bid validity specified by the Bidder on the Bid Submission Form or any extension thereof.  26.Bid Opening  26.Bid Opening  26.Bid Opening in public at the address, date and time specified in the BDS.  26.2 First, envelopes marked "WITHDRAWAL" shall be opened and read out and the envelope with the corresponding	25. Withdrawal, and Modification on of	25.1 A Bidder may withdraw, or modify its
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26.2 First, envelopes marked "WITHDRAWAL" shall be opened and read		opening in public at the address, date and time
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		26.2 First, envelopes marked
out and the envelope with the corresponding		"WITHDRAWAL" shall be opened and read
out and the envelope with the corresponding		out and the envelope with the corresponding

bid may be opened at the discretion of the Purchaser. No bid withdrawal shall be permitted unless the corresponding withdrawal notice contains valid a authorization to request the withdrawal and is read out at bid opening. Envelopes marked "MODIFICATION" shall be opened and read out with the corresponding Bid. No Bid modification shall be permitted unless the corresponding modification notice contains a valid authorization to request the modification and is read out at Bid opening. Only envelopes that are opened and read out at Bid opening shall be considered further

26.3 All other envelopes shall be opened one at a time, reading out: the name of the Bidder and whether there is a modification; the Bid Prices, including any discounts and alternative offers; the presence of a Bid Security or Bid-Securing Declaration, if required; and any other details as the Purchaser may consider appropriate. Only discounts and alternative offers read out at Bid opening shall be considered for evaluation. No Bid shall be rejected at Bid opening except for late bids, in accordance with ITB Sub Clause 24.1.

26.4 The Purchaser shall prepare a record of the Bid opening that shall include, as a minimum: the name of the Bidder and whether there is a withdrawal. modification; the Bid Price, per lot if applicable, including any discounts, and the presence or absence of a Bid Security. The bids that were opened shall be resealed in separate envelopes, promptly after the bid opening. The bidders representatives who are present shall be requested to sign the attendance sheet. A copy of the record shall be distributed to all Bidders who submitted bids in time.

**Evaluation and Comparison of Bids** 

27.Confidentiality	27.1 Information relating to the examination, evaluation, comparison, and post-qualification (if applicable) of bids, and recommendation of contract award, shall not be disclosed to bidders or any other persons not officially concerned with such process until publication of the Contract Award.  27.2 Any effort by a Bidder to influence the Purchaser in the examination, evaluation, comparison, and post-qualification of the bids or contract award decisions may result in the
	rejection of its Bid.  27.3 Notwithstanding ITB Sub-Clause 27.2, if any Bidder wishes to contact the Purchaser on any matter related to the bidding process, from the time of bid opening to the time of Contract Award, it should do so in writing.
28. Clarification of Bids  29. Posponsivoness of Rids	28.1 To assist in the examination, evaluation, comparison and post-qualification of the bids, the Purchaser may, at its discretion, request any Bidder for a clarification of its Bid. Any clarification submitted by a Bidder in respect to its Bid and that is not in response to a request by the Purchaser shall not be considered for purpose of evaluation. The Purchaser's request for clarification and the response shall be in writing. No change in the prices or substance of the Bid shall be sought, offered, or permitted, except to confirm the correction of arithmetic errors discovered by the Purchaser in the Evaluation of the bids, in accordance with ITB Clause 30.  29.1 The Purchaser's determination of a bid's
29. Responsiveness of Bids	responsiveness is to be based on the contents of the bid itself.  29.2 A substantially responsive Bid is one that conforms to all the terms, conditions, and specifications of the Bidding Documents without material deviation, reservation, or omission. A material deviation, reservation, or omission is one that:  (a) affects in any substantial way the scope,

quality, or performance of the Goods and Related Services specified in the Contract; or (b) limits in any substantial way, inconsistent with the Bidding Documents, the Purchaser's right or the Bidder's obligations

Purchaser's right or the Bidder's obligations under the Contract; or

(b) If rectified would unfairly affect the competitive position of other bidders presenting substantially responsive bids. 29.3 If a bid is not substantially responsive to the Bidding Documents, it shall be rejected by the Purchaser and may not subsequently be made responsive by the Bidder by correction of the material deviation, reservation, or omission.

#### 30. Nonconformities, Errors and Omissions

- 30.1 Provided that a Bid is substantially responsive, the Purchaser may waive any non-conformities or omissions in the Bid that do not constitute a material deviation.
- 30.2 Provided that a bid is substantially responsive, the Purchaser may request that the Bidder submit the necessary information or documentation, within a reasonable period of time, to rectify nonmaterial nonconformities or omissions in the bid related to documentation requirements. Such omission shall not be related to any aspect of the price of the Bid. Failure of the Bidder to comply with the request may result in the rejection of its Bid.
- 30.3 Provided that the Bid is substantially responsive, the Purchaser shall correct arithmetical errors on the following basis:
- (a) if there is a discrepancy between the unit price and the line item total that is obtained by multiplying the unit price by the quantity, the unit price shall prevail and the line item total shall be corrected, unless in the opinion of the Purchaser there is an obvious misplacement of the decimal point in the unit price, in which case the line item total as quoted shall govern and the unit price shall be corrected;
- (b) if there is an error in a total corresponding to the addition or subtraction of subtotals, the

	subtotals shall prevail and the total shall be
	corrected; and
	(c) If there is a discrepancy between words
	and figures, the amount in words shall prevail,
	unless the amount expressed in words is
	related to an arithmetic error, in which case
	the amount in figures shall prevail subject to
	(a) and (b) above.
	30.4 If the Bidder that submitted the lowest
	evaluated Bid does not accept the correction
	of errors, its Bid shall be disqualified and its
	Bid Security shall be disqualified and its Bid-
	Securing Declaration shall be executed
31. Preliminary Examination of Bids	31.1 The Purchaser shall examine the bids to
51. I Temminary Examination of Dius	confirm that all documents and
	Technical documentation requested in ITB
	Clause 11 have been provided, and to
	•
	determine the completeness of each document
	submitted.
	31.2 The Purchaser shall confirm that the
	following documents and information have
	been provided in the Bid. If any of these
	documents or information is missing, the Bid
	shall be rejected.
	(a) Bid Submission Form, in accordance with
	ITB Sub- Clause 12.1;
	(b) Price Schedules, in accordance with ITB
	Sub-Clause 12;
	(c) Bid Security, in accordance with ITB
	Clause 20.
32. Examination of Terms and Conditions;	32.1 The Purchaser shall examine the Bid to
Technical Evaluation	confirm that all terms and conditions specified
	in the CC and the Contract Data have been
	accepted by the Bidder without any material
	deviation or reservation.
	32.2 The Purchaser shall evaluate the
	technical aspects of the Bid submitted in
	accordance with ITB Clause 17, to confirm
	that all requirements specified in
	Section V, Schedule of Requirements of the
	, , , , , , , , , , , , , , , , , , ,
	Bidding Documents have been met without
	Bidding Documents have been met without any material deviation or reservation.
	Bidding Documents have been met without any material deviation or reservation.  32.3 If, after the examination of the terms and

33. Conversion to Single Currency	conditions and the technical, evaluation the Purchaser determines that the Bid is not substantially responsive in accordance with ITB Clause 29, the Purchaser shall reject the Bid.  33.1 If the bidders are allowed to quote in foreign currencies in accordance with sub clause 15.1, for evaluation and comparison purposes, the Purchaser shall convert all bid prices expressed in foreign currencies in to Sri Lankan Rupees using the selling rates prevailed 28 days prior to closing of bids as published by the Central Bank of Sri Lanka. If this date falls on a public holiday the earliest working day prior to the date shall be
34. Domestic Preference	applicable  34.1 Domestic preference shall be a factor in bid evaluation only if stated in the BDS. If domestic preference shall be a bid evaluation factor, the methodology for calculating the
35.Evaluation of Bids	margin of preference and the criteria for its application shall be as specified in Section III, Evaluation and Qualification Criteria.  35.1 The Purchaser shall evaluate each bid that has been determined and to this steep of
	that has been determined, up to this stage of the evaluation, to be substantially responsive.  35.2 To evaluate a Bid, the Purchaser shall only use all the factors, methodologies and criteria defined in this ITB Clause 35.  35.3 To evaluate a Bid, the Purchaser shall consider the following:
	(a)the Bid Price as quoted in accordance with clause 14; (b)price adjustment for correction of arithmetic errors in accordance with ITB Sub-Clause 30.3; (c)price adjustment due to discounts offered
	in accordance with ITB Sub-Clause 14.2; and 14.3 (d) adjustments due to the application of the evaluation criteria specified in the BDS from amongst those set out in Section III, Evaluation and Qualification Criteria;

	( ) A 1
	(e) Adjustments due to the application of a
	domestic preference, in accordance with ITB
	Clause 34 if applicable.
	35.4 The Purchaser's evaluation o factors, in
	addition to the factors stated in ITB Sub-
	Clause 35.3, if specified in BDS. These
	factors may be related to the characteristics,
	performance, and terms and conditions of
	purchase of the Goods and Related Services.
	The effect of the factors selected, if any, shall
	be expressed in monetary terms to facilitate
	· · · · · · · · · · · · · · · · · · ·
	comparison of bids 35.5 If so specified in the
	BDS, these Bidding Documents shall allow
	Bidders to quote for one or more package, and
	shall allow the Purchaser to award one or
	multiple package to more than one Bidder.
	Multiple offers shall not be consider for each
	item. The methodology of evaluation to
	determine the lowest-evaluated lot
	combinations is specified in Section III,
	Evaluation and Qualification Criteria.
36. Comparison of Bids	36.1 The Purchaser shall compare all
	substantially responsive bids to determine the
	lowest-evaluated bid, in accordance with ITB
	Clause 35.
37. Post Qualification of the Bidder	37.1The Purchaser shall determine to its
-	satisfaction whether the Bidder that is selected
	as having submitted the lowest evaluated and
	substantially responsive bid is qualified to
	perform the Contract satisfactorily.
	37.2 The determination shall be based upon
	an examination of the documentary evidence
	of the Bidder's qualifications submitted by the
	bidder, pursuant to ITB Clause 18.
	37.3 An affirmative determination shall be a
	prerequisite for award of the Contract to the
	prorequisite for award of the Contract to the
1	Ridder A negative determination shall result
	Bidder. A negative determination shall result
	in disqualification of the bid, in which event
	in disqualification of the bid, in which event the Purchaser shall proceed to the next lowest
	in disqualification of the bid, in which event the Purchaser shall proceed to the next lowest evaluated bid to make a similar determination
	in disqualification of the bid, in which event the Purchaser shall proceed to the next lowest

38. Purchaser's Right to Accept Any Bid,	38.1 The Purchaser reserves the right to
and to Reject Any or All Bids	accept or reject any bid, and to annul the
and to Reject my of mi Dias	bidding process and reject all bids at any time
	prior to contract award, without there by
	incurring any liability to Bidders
A 1	
	Contract
39. Award Criteria	39.1 The Purchaser shall award the Contract
	to the Bidder whose offer has been
	determined to be the lowest evaluated bid and
	is substantially responsive to the Bidding
	Documents, provided further that the Bidder
	is determined to be qualified to perform the Contract satisfactorily
40 Purchasor's Pight to Vary Quantities at	40.1 At the time the Contract is awarded, the
40. Purchaser's Right to Vary Quantities at Time of Award	Purchaser reserves the right to
	increase or decrease the quantity of Goods
	and Related Services originally specified in
	Section V, Schedule of Requirements,
	provided this does not exceed twenty five
	percent (25%) or one unit whichever is higher
	and without any change in the unit prices or
	other terms and conditions of the bid and the
	Bidding Documents.
41. Notification	41.1 Prior to the expiration of the period of
	bid validity, the Purchaser shall notify the
	successful Bidder, in writing, that its Bid has
	been accepted.
	41.2 Until a formal Contract is prepared and
	executed, the notification of award shall
	constitute a binding Contract.
	41.3 Upon the successful Bidder's
	performance security pursuant to ITB Clause
	43, the Purchaser will promptly notify each
	unsuccessful Bidder and will discharge its bid
42 0'	security, pursuant to ITB Clause 20.4.
42. Signing of Contract	42.1 Within Seven (7) days after notification,
	the Purchaser shall complete the
	Agreement, and inform the successful Bidder
	to sign it.
	42.2 Within Seven (7) days of receipt of such information, the suggestful Ridder shall sign
	information, the successful Bidder shall sign
42 Danfarmanae Consunity	the Agreement.  13.1 Within fourteen (14) days of the receipt
43. Performance Security	43.1 Within fourteen (14) days of the receipt

of notification of award from the Purchaser, the successful Bidder, if required, shall furnish the Performance Security in accordance with the CC, using for that purpose the Performance Security Form included in Section VIII Contract forms. The Employer shall promptly notify the name of the winning Bidder to each unsuccessful Bidder and discharge the Bid Securities of the unsuccessful bidders pursuant to ITB Sub-Clause 20.4.

43.2 Failure of the successful Bidder to submit the abovementioned Performance Security or sign the Contract shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid Security or execution of the Bid-Securing Declaration. In that event the Purchaser may award the Contract to the next lowest evaluated Bidder, whose offer is substantially responsive and is determined by the Purchaser to be qualified to perform the Contract satisfactorily.

## Section VI Conditions of Contract

#### 1. **Definitions**

- 1.1 The following words and expressions shall have the meanings hereby assigned to them:
- (a) "Contract" means the contract agreement entered into between the Purchaser and the Supplier, together with the Contract Documents referred to therein, including all attachments, appendices, and all documents incorporated by reference therein.
- (b) "Contract Documents" means the documents listed in the Contract Agreement, including any amendments thereto.
- (c) "Contract Price" means the price payable to the Supplier as specified in the Contract Agreement, subject to such additions and adjustments thereto or deductions therefrom, as may be made pursuant to the Contract.
- (d) "Day" means calendar day.
- (e) "Completion" means the fulfillment of the supply of Goods to the destination specified and completion of the Related Services by the Supplier in accordance with the terms and conditions set forth in the Contract.
- (f) "CC" means the Conditions of Contract.
- (g) "Goods" means all of the commodities, raw material, machinery and equipment, and/or other materials that the Supplier is required to supply to the Purchaser under the Contract.
- (h) "Purchaser" means the entity purchasing the Goods and related Services, as specified in the Contract Data.
- (i) "Related Services" means the services incidental to the supply of the goods, such as insurance, installation, training and initial maintenance and other such obligations of the Supplier under the Contract.
- (j) "subcontractor" means any natural person, private or

	government entity, or a combination of the above, to
	whom any part of the Goods to be supplied or execution of
	any part of the Related Services is subcontracted by the
	Supplier, Section VI General Conditions of Contract 51
	(k) "Supplier" means the natural person, private or
	government entity, or a combination of the above, whose
	bid to perform the Contract has been accepted by the
	Purchaser and is named as such in the Contract
	Agreement.
	(1) "The Project Site," where applicable, means the place
	named in the Contract Data.
2.Contract Documents	2.1 Subject to the order of precedence set forth in the
	Contract Agreement, all documents forming the Contract
	(and all parts thereof) are intended to be correlative,
	complementary, and mutually explanatory. The Contract
	Agreement shall be read as a whole.
3. Fraud and Corruption	3.1 The Government of Sri Lanka (GOSL) requires the
	Purchaser as well as bidders, suppliers, contractors, and
	consultants to observe the highest standard of ethics during
	the procurement and execution of such contracts. In pursuit of this policy:
	pursuit of this policy.
	(i) "corrupt practice" means offering, giving, receiving, or
	soliciting, directly or indirectly, of anything of value to
	influence the action of a public official in the procurement
	process or in contract execution:  (ii) "fraudulant practice" means a migrapresentation or
	(ii) "fraudulent practice" means a misrepresentation or omission of facts in order to influence a procurement
	process or the execution of a contract;
	(iii) "Collusive practice" means scheme or arrangement
	between two or more bidders, with or without the
	knowledge of the purchaser to establish bid prices at
	artificial, noncompetitive levels; and (iv) "Coercive practice" means harming or threatening to
	harm, directly or indirectly, persons or their property to
	influence their participation in the procurement process or
	affect the execution of a contracts
	4.1 If the context so requires it, singular means plural and
	vice versa.
	4.2 Entire Agreement
	The Contract constitutes the entire agreement between the
	purchaser and the Supplier and supersedes all
	communications negotiations and agreements (whether 52
	Section VII. General Conditions of Contract written or
	The state of the s

	oral) of the parties with respect thereto made prior to the date of Contract.  4.3 Amendment No amendment or other variation of the Contract shall be valid unless it is in writing, is dated, expressly refers to the Contract, and is signed by a duly authorized representative of each party thereto.  4.4 Severability If any provision or condition of the Contract is prohibited or rendered invalid or unenforceable, such prohibition, invalidity or unenforceability shall not affect the validity or enforceability of any other provisions and conditions of
	the Contract.
5.Language	5.1 The Contract as well as all correspondence and documents relating to the Contract exchanged by the Supplier and the Purchaser, shall be written in English language. Supporting documents and printed literature that are part of the Contract may be in another language provided they are accompanied by an accurate translation of the relevant passages in the language specified, in which case, for purposes of interpretation of the Contract, this translation shall govern.  5.2 The Supplier shall bear all costs of translation to the
	governing language and all risks of the accuracy of such
	translation, for documents provided by the Supplier.
6. Joint Venture,	6.1 If the Supplier is a joint venture, consortium, or
Consortium or Association	association, all of the parties shall be jointly and severally
	liable to the Purchaser for the fulfillment of the provisions of the Contract and shall designate one party to act as a leader with authority to bind the joint venture, consortium, or association. The composition or the constitution of the joint venture, consortium, or association shall not be altered without the prior consent of the Purchaser
7. Eligibility	7.1 All goods supplied under this contract shall be complied with applicable standards stipulated by the Sri Lanka Standards Institute. In the absence of such standards, the Goods supplied shall be complied to other internationally accepted standards, such as British Standards.
8.Notices	8.1 Any notice given by one party to the other pursuant to the Contract shall be is writing to the address specified in the Contract Data. The term" in writing" means communicated in written form with proof of receipt. Section VI General Conditions of Contract 53 8.2 A notice shall be effective when delivered or on the

	notice's effective date, whichever is later.
9.Governing Law	9.1 The Contract shall be governed by and interpreted in
	accordance with the laws of the Democratic Socialist
	Republic of Sri Lanka.
10. Settlement of Disputes	10.1 The Purchaser and the Supplier shall make every
	effort to resolve amicably by direct informal negotiation
	any disagreement or dispute arising between them under or
	in connection with the Contract.
	10.0.76
	10.2 If, after twenty-eight (28) days, the parties have failed
	to resolve their dispute or difference by such mutual consultation, then either the purchaser or the Supplier may
	give notice to the other party of its intention to commence
	arbitration, as hereinafter provided, as to the matter in
	dispute, and no arbitration in respect of this matter may be
	commenced unless such notice is given. Any dispute or
	difference in respect of which a notice of intention to
	commence arbitration has been given in accordance with
	this Clause shall be finally settled by arbitration.
	Arbitration may be commenced prior to or after delivery of
	the Goods under the Contract. Arbitration proceedings
	shall be conducted in accordance with the Arbitration Act
	No;11 of 1995.
	10.3 Notwithstanding any reference to arbitration herein,
	(a) The mention shall continue to menform their respective
	(a) The parties shall continue to perform their respective obligations
	oungations
	under the Contract unless they otherwise agree; and
	(b) The Purchaser shall pay the Supplier any monies due
	the Supplier.
11. Scope of Supply	11.1 The Goods and Related Services to be supplied shall
	be as specified in the Scheduled of Requirements.
12. Deliver and Documents	12.1 Subject to CC sub-Clause 32.1, the Delivery of the
	Goods and Completion of the related service shall be in
	accordance with the Delivery and Completion Schedule
	specified in the schedule of Requirements. Where applicable the details of shipping and other documents to
	be furnished by the supplier are specified in the Contract
	Data.
13. Supplier's	13.1 The Supplier shall supply all the Goods and Related
Responsibilities	Services included in the scope of supply in accordance
	with CC clause 11, and the Delivery and Completion
	Schedule, as per CC clause 12.
14.Contract Price	14.1 Prices charged by the Supplier for the Goods supplied
	and the Related Services performed under the contract
	shall not vary from the prices quoted by the supplier in its
	bid.

15.Terms of payment	15.1 The Contract price shall be paid as specified in the Contract Data.
	Contract Data.
	15.2 The Supplier's request for payment shall be made to the purchaser in writing, accompanied by invoices describing, as appropriate, the Goods delivered and Related Services performed, and by the documents submitted pursuant to CC clause 12 and upon fulfillment of all other obligations stipulated in the contract.
	15.3 Payments shall be made promptly by the purchaser, but in no case later than twenty eight (28) days after submission of an invoice or request for payment by the supplier and after the Purchaser has accounted it.
16.Taxes and Duties	supplier, and after the Purchaser has accepted it.  16.1 The Supplier shall be entirely responsible for all
	taxes, duties, license fees, etc., incurred until delivery of the contracted Goods to the purchaser
17.Performance Security	17.1 If required as specified in the Contract Data, the Supplier shall, within fourteen (14) days of the notification of contract award, provide a performance security of Ten percent (10%) of the Contract Price for the performance of the Contract.  17.2 The proceeds of the performance Security shall be payable to the purchaser as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.  17.3 As specified in the Contract Data, the performance Security, if required, shall be in Sri Lankan Rupees and shall be in the format stipulated by the purchaser in the contract Data, or in another format acceptable to the purchaser.  17.4 The performance security shall be discharged by the purchaser and returned to the supplier not later than twenty-eight (28) days following the date of completion of the supplier's performance obligations under the contract, including any warranty obligations.
18.Copyright	18.1 The copyright in all drawings, documents, and other materials containing data and information furnished to the purchaser by the supplier herein shall remain vested in the supplier, or if they are furnished to the purchaser directly or through the supplier by any third party, including suppliers of materials, the copyright in such materials shall remain vested in such third party.

19. Confidential Information	19.1 The Purchase and the supplier shall deep confidential and shall not,
	without the written consent of the other party hereto, divulge to any third party any documents, data or other information furnished directly or indirectly by the other party hereto in connection with the Contract, whether such information has been finished prior to, during or following completion or termination of the Contract. Notwithstanding the above, the supplier may furnished prior to, during or following completion or termination of the contract .Notwithstanding the above, the Supplier may furnish to its Subcontractor such documents, data and other information it receives form the purchaser to the extent required for the subcontractor to perform its work under the contract, in which event the supplier shall obtain from such sub-contractor an undertaking of confidentiality similar to the imposed on the supplier under CC clause 19. 19.2 The purchaser shall not use such documents, data and other information received from the Supplier for any purposes unrelated to the contract. Similarly, the Supplier shall not use such documents, data, and other information received from the purchaser for any purpose other than the performance of the contract.  19.3 The above provisions of cc clause 19 shall not in any way modify any undertaking of confidentiality given by either of the parties hereto prior to the date of the contract in respect of the supply or any part thereof.  19.4 The provisions of CC Clause 19 shall survive completion or termination, for whatever reason, of the contract
20.Subcontracting	20.1 The Supplier shall notify the purchaser in writing of all subcontracts awarded under the contract if not already specified in the bid. Such notification, in the original bid or later shall not relieve the Supplier from any of its obligation, duties, responsibilities, or liability under the contract.
	20.2 Subcontracts shall comply with the provisions of CC clauses 3 and 7  21.1 Technical Specifications and Drawings
21. Specifications and Standards	(a) The Goods and Related services supplied under this Contract shall conform to the technical specifications and standards mentioned in Section V, Schedule of Requirements and, when no applicable standard is mentioned, the standard shall be equivalent or superior to the official standards whose application is appropriate to the Goods country of origin.  (b) The supplier shall be entitled to disclaim responsibility for any design, data, drawing, specification or other document, or any modification thereof provided or

	designed by or on behalf of the purchaser, by giving a
	notice of such disclaimer to the purchaser.
	(c) Wherever references are made in the Contract to codes
	and standards in accordance with which it shall be
	executed, the edition or the revised version of such codes
	and standards shall be those specified in the Schedule of
	Requirements. During Contract execution, any changes in
	any such codes and standards shall be applied only after
	approval by the purchaser and shall be treated in
	accordance with CC clause 32.
22. Packing and	22.1 The supplier shall pack the Goods as is required to
Documents	prevent their damage or deterioration during transit to their
	final destination, as indicated in the Contract.
23. Insurance	23.1 Unless otherwise specified in the Contract Data, the
	Goods supplied under the Contract shall be fully insured
	against loss or damage incidental to manufacture or
	acquisition, transportation, storage, and delivery.
24. Transportation	24.1 Unless otherwise specified in the Contract Data,
I unspoi union	responsibility for arranging transportation of the Goods
	shall be a responsibility of the supplier.
25. Inspections and Tests	25.1 The Supplier shall at its own expense and at no cost
23. Inspections and Tests	
	to the purchaser carry out all such tests and/or inspections
	of the Goods and Related Services as are specified in the
	Contract Data.
	25.2 The inspections and tests may be conducted on the
	premises of the Supplier or its Subcontractor, at point of
	delivery, and/or at the Goods' final destination, or on
	another place as specified in the Contract Data. Subject to
	CC sub-Clause 25.3, if conducted on the premises of the
	supplier or its Subcontractor, all reasonable facilities and
	assistance, including access to drawings and production
	data, shall be furnished to the inspectors at no charge to the
	purchaser.
	25.3 The Purchaser or its designated representative shall
	be entitled to attend the tests and/or inspections referred to
	in CC sub-Clause 25.2, provided that the purchaser bear all
	of its own costs and expenses incurred in connection with
	such attendance including, but not limited to, all traveling
	and board and lodging expenses.
	25.4 Whenever the supplier is ready to carry out any such
	test and inspection, it shall give a reasonable advance
	notice, including the place and time, to the purchaser. The
	supplier shall obtain from any relevant third party or
	manufacturer any necessary permission or consent to
	enable the purchaser or its designated representative to
	attend the test and/or inspection.
	attend the test and of hispection.

25.5 The purchaser may require the Supplier to carry out any test and/or inspection not required by the Contract but deemed necessary to verify that the characteristics and performance of the Goods comply with the technical specifications codes and standards under the contract, provided that the supplier's reasonable costs and expenses incurred in the carrying out of such test and/or inspection shall be added to the Contract price. 25.6 The supplier shall provide the purchaser with a report of the results of any such test and/or inspection. 25.7 The purchaser may reject any Goods or any part thereof that fail to pass any test and/or inspection or do not conform to the specifications. The Supplier shall either rectify or replace such rejected Goods or parts thereof or make alterations necessary to meet the specifications at no cost to the purchaser, and shall repeat the test and /or inspection, at no cost to the purchaser, upon giving a notice pursuant to CC sub- clause 25.4 25.8 The Supplier agrees that neither the execution of a test and/or inspection of the Goods or any part thereof, nor the attendance by the purchaser or its representative, nor the issue of any report pursuant to CC sub- Clause 25.6 shall release the supplier from any warranties or other obligations under the contract. 26.1 Except as provide under CC clause 31, if the Supplier 26. Liquidated Damages fails to deliver any or all of the Goods by the Date(s) of delivery or perform the Related Services within the period specified in the Contract, the purchaser may without prejudice to all its other Contact, the Purchaser may without prejudice to all its other remedies under the Contract, deduct from the Contract price, as liquidated damages, a sum equivalent to the percentage specified in the Contract Data of the delivered price of the delayed Goods or unperformed Services for each week or part thereof of delay of delay until actual delivery or performance, up to a 58 Section VII, General Condition of Contract maximum deduction of the percentage specified in those Contract Data. Once the maximum is reached, the Purchaser may terminate the Contract pursuant to CC Clause 34. 27. Warranty 27.1 The Supplier warrants that all the Goods are new, unused, and of the most recent or current models, and that the incorporate all recent improvements in design and

materials, unless provided otherwise in the contract.

27.2 Subject to CC Sub- Clause 21.1(b0 the Supplier further warrants that the Goods shall be free from defects arising from any act or omission of the Supplier or arising from design, materials, and workmanship, under normal use in the condition prevailing in the country of final destination.

27.3 Unless otherwise specified in the Contract Data, the warranty shall remain valid for twelve (12) months after the Goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the Contract Data.

27.4 The Purchaser shall give notice to the Supplier stating the nature of any such defects together with all available evidence thereof, promptly following the discovery thereof. The Purchaser shall afford all reasonable opportunity for the Supplier to inspect such defects.

27.5 Upon receipt of such notice, the supplier shall, within the period specified in the Contract Data, expeditiously repair or replace the defective Goods or parts thereof, at no cost to the Purchaser.

27.6 If having been notified, the Supplier fails to remedy the defect within the period specified in the Contract Data, the Purchaser may proceed to take within a reasonable period such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the purchaser may have against the supplier under the Contract

#### **28.Patent Indemnity**

28.1 The Supplier shall, subject to the Purchaser's Compliance with CC Sub-clause 28.2, indemnify and hold harmless the purchaser ant its employees and officers from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, cost, and expense of any nature, including attorney's fees and expenses, which the purchaser may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the contract by reason of:

- (a) The installation of the Goods by the Supplier or the use of the Goods in the country where the site is located; and
- (b) The sale in any country of the products produced by the Goods. Such indemnity shall not cover any use of the

Goods or any part thereof other than for the purpose indicated by or to be reasonably inferred from the contract, neither any infringement resulting from the use of the goods or any part thereof, or any products produced thereby in association or combination with any other equipment, plant, or materials not supplied by the supplier, pursuant to the Contract.

28.2 If any proceedings are brought or any claim is made against the purchaser arising out of the matters referred to in CC Sub-Clause 28.1, the purchaser shall promptly give the supplier a notice thereof, and the supplier may at its own expense and in the Purchaser's name conduct such proceedings or claim and any negotiations for the settlement of any such proceedings or claim.

28.3 If the Supplier fails to notify the Purchaser within twenty eight (28) days after receipt of such notice that it intends to conduct any such proceedings or claim, then the Purchaser shall be free to conduct the same on its own behalf.

28.4 The Purchaser shall, at the Supplier's request, afford all available assistance to the Supplier in conducting such proceedings or claim, and shall be reimbursed by the Supplier for all reasonable expenses incurred in so doing. 28.5 The Purchaser shall indemnify and hold harmless the Supplier and its employees, offices, and Subcontractors from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages costs, and expenses of any nature, including attorney's fees and expenses, which the supplier may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract arising out of or in connection with any design, data, drawing, specification, or other documents or materials provided or designed by or on behalf of the purchaser

#### 29. Limitation of Liability

29.1 Except in cases of criminal negligence or willful misconduct,

(a) The supplier shall not be liable to the Purchaser, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of

	production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the Supplier to pay liquidated damages to the Purchaser and (b) The aggregate liability of the Supplier to the Purchaser, whether under the Contract, in tort or otherwise, shall not exceed the total Contract Price, provided that limitation shall not apply to the cost of repairing or replacing defective equipment, or to any obligation of the supplier to indemnify the purchase with respect to patent infringement.
30. Change in laws and	30.1 I unless otherwise specified in the Contract, if after
regulations	the date of 28 days prior to date of Bid submission, any law, regulation, ordinance, order to bylaw having the force of law is enacted, promulgated, abrogated, or changed in Sri Lanka that sub subsequently affects the Delivery Date and/or contract price shall be correspondingly increased or decreased, to the extent that her supplier has thereby been affected in the performance of any of its obligations under the contract. Notwithstanding the foregoing, such additional or reduced cost shall not ne separately paid or credited if the same has already been accounted for in the price adjustment provisions where applicable, in accordance with CC Clause 14.
31.Force Majeure	31.1 The Supplier shall not be liable for forfeiture of its performance security, liquidated damages, or termination or default if and to the extent that is' obligations under the contract is the result of an event of Force Majeure.  31.2 For purposes of this clause, "Force Majeure" means an event or situation beyond the control of the Supplier that is not foreseeable, is unavoidable, and its origin is not due to negligence or lack of care on the part of the Supplier. Such events may include, but not be limited to, acts of the
	Purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.  31.3 If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such condition and the cause thereof. Unless otherwise directed by the Purchaser in writing, the supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.
32. Change orders and	32.1 The Purchaser may at any time order the Supplier
Contract Amendments	through notice in accordance CC Clause 8, to make changes within the general scope of the Contract in any one or more of the following:

(a) drawings, designs, or specifications, where Goods to be furnished under the Contract are to be specifically manufactured for the Purchaser; (b) the method of shipment or packing; (c) the place of delivery; and (d) The Related Services to be provided by the wsupplier.32.2 If any such change causes and increase or decrease in the cost of, or the time required for, the Supplier's performance of any provisions under the Contract, an equitable adjustment shall be made in the Contract Price or in the delivery/Completion Schedule, or both, and the Contract shall accordingly be amended. Any claims by the Supplier for adjustment under this clause must be asserted within twenty-eight (28) days from the date of the Supplier's receipt of the Purchaser's change 32.2 Prices to be charged by the Supplier for any Related Services that might be needed but which were not included in the Contract shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services. 32.3 Subject to the above, no variation in or modification of the terms of the Contract shall be made except by written amendment signed by the parties. 33. Extensions of Time 33.1 If at any time during performance of the Contract, the Supplier or its subcontractors should encounter conditions impeding timely delivery of the Goods or completion of Related Services pursuant to CC Clause 121 the supplier shall promptly notify the Purchaser in writing of the Delay, its likely duration, and its cause. As soon as practicable after receipt of the Supplier's notice, the Purchaser in writing of the delay, its likely duration, and its cause. As soon as practicable after receipt of the Supplier's notice, the Purchaser shall evaluate the situation and may at its discretion extend the Supplier's time for performance, in which case the extension shall be ratified by the parties by amendment of the Contract. 33.2 Except in case of Force Majeure, as provided under CC Clause 31, a delay by the Supplier in the performance of its Delivery and Completion obligations shall render the Supplier liable to the imposition of liquidated damages pursuant to CC Clause 25, unless an extension of time is agreed upon, pursuant to CC Sub- Clause 33.1. 34. Termination 34.1 Termination for Default (a) The purchaser, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Supplier, may terminate the Contract in whole or in part; (i) If the Supplier fails to deliver any or all of the Goods within the period specified in the Contract, or within any extension thereof granted by the purchaser pursuant to CC-Clause 33:

- (ii) If the supplier fails to perform any other obligation under the Contract; or
- (iii) If the Supplier, in the judgment of the purchaser has engaged in fraud and corruption, as defined in CC clause3 in competing for or in executing the Contract.
- (b) In the event the purchaser terminates the Contract in whole or in part, pursuant to CC clause 34.1(a), the Purchaser may procure, upon such terms and in such manner as it deems appropriate, Goods or Related Services similar to those undelivered or not performed, and the supplier shall be liable to the Purchaser for any additional costs for such similar Goods or Related Services. However, the Supplier shall continue performance of the Contract to the extent not terminated

34.2 Termination for Insolvency.

(a) The Purchaser may at any time terminate the Contract by giving notice to the Supplier if the Supplier becomes bankrupt or otherwise insolvent. In such event, termination will be without compensation to the Supplier, Provided that such termination will not prejudice or affect any right of action or remedy that has accrued or will accrue thereafter to the Purchaser

#### 34.3 Termination for Convenience

- (a) The Purchaser, by notice sent to the Supplier, may terminate the Contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for the Purchaser's convenience, the extent to which performance of the Supplier under the Contract is terminated, and the date upon which such termination becomes effective.
- (b) The Goods that are complete and ready for shipment within twenty-eight (28) days after the supplier's receipt of notice of termination shall be accepted by the Purchaser at the Contract terms and prices. For the remaining Goods, the Purchaser may elect:
- (i) To have any portion completed and delivered at the Contract terms and prices; and/or
- (ii) To cancel the remainder and pay to the Supplier an agreed

amount for partially completed Goods and Related services and for materials and parts previously procured by the Supplier

#### 35. Assignment

35.1 Neither the Purchaser nor the Supplier shall assign, in whole or in part, their obligations under this Contract, except with prior written consent of the other party.

#### **Section VIII**

#### **Contract Forms**

### 1. 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 Purchase] (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 Requirement (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 documents(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 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

## 2. Performance Security

[signature (s)]

### 3. Guarantee for Advance Payment

[The issuing agency, as requested by the successful Bidder, shall fill in this form in accordance with the instructions indicated.]

Date: [insert date (as day, month and year) of Bid Submission] ICB No. and title: [insert number and title of bidding process] [issuing agency's letterhead] Beneficiary: [insert legal name and address of Purchaser]

ADVANCE PAYMENT GURANTEE No: [insert Advance payment Guarantee no.]

We, [insert legal name and address of issuing agency], have been informed that [insert complete name and address of Supplier] (hereinafter called "the Supplier") has entered into Contract No. [insert number] dated [insert date of Agreement] with you, for the supply of [insert types of Goods to be delivered] (hereinafter called "the Contract")

Furthermore, we understand that, according to the conditions of the Contract, an advance is to be made against an advance payment guarantee.

At the request of the Supplier, we hereby irrevocably undertake to pay you any sum of sums not exceeding in total an amount of [insert amount(s) in figures and words] upon receipt by us of your first demand in writing declaring that the Supplier is in breach of its obligation under the Contract because the Supplier used the advance payment for purposes other than toward delivery of the Goods. It is a condition for any claim and payment under this Guarantee to be made that the advance payment referred to above must have been received by the Supplier on its account [insert number and domicile of the account]

This Guarantee shall remain valid and in full effect from the date of the advance payment received by the Supplier under the Contract until [insert date].

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[Signature of authorized representative(s) of the issuing agency]

### 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	A. General
Reference	The Doughesser in Hyp Wellege Heimeriter
ITB 1.1	The Purchaser is: Uva Wellassa University
ITB 1.1	The name and identification number of the Contract is <b>Supply, Delivery, Installation</b>
	and Commissioning of Laboratory Equipment for Faculty of Medicine, Uva
	Wellassa University
ITB 2.1	The source of funding is: <b>GOSL</b>
ITB 4.4	Foreign bidders are allowed to participate in bidding: <b>Not allowed</b>
	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 and VAT Clearance Certificate
	<ul> <li>List of client who use the Products and their contract details</li> </ul>
	• 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 for last 3 years
ITB 15.1	The bidder shall quote the local expenditure in <b>Sri Lankan Rupees</b> .
ITB 18.1 (b)	After sales service is: Required
ITB 19.1	The bid shall be valid for : 90 days from 19 <sup>th</sup> September 2023
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	y, Account No: 3114820, and the customer copy of the cash
	receipt/de	posit slip to be attached with the bidding documents.
ITB 20.2	The amount of	the Bid Security shall be: As per the advertisement
	•	ice Chancellor, Uva Wellassa University.
		eriod 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)		outer envelopes shall bear the following identification marks:
11B 22.2 (C)	Supply, Delive	ery, Installation and Commissioning of Laboratory Equipment for
		dicine, Uva Wellassa University
ITB 23.1		sion purposes, the Purchaser's address is:
	Attention	: Deputy Bursar/Stores & Supplies
	Address	: Uva Wellassa University, Passara Road, Badulla.
	The deadline for	or the submission of bids is
	Date	: 19.09.2023
	Time	: 2.30 p.m.
ITB 26.1	The bid opening	g shall take place at:
	Address	: Senate Boardroom, Uva Wellassa University, Passara Road,
	Date	Badulla.
	Time	: 19.09.2023
		:2.30 p.m.
		E. Evaluation and Comparison of Bids
ITB 34.1	Domestic prefe	erence shall not be a bid evaluation factor.
ITB 35.3(d)	The adjustment	ts shall be determined using the following criteria, from amongst those
	set out in Secti	on III, Evaluation and Qualification Criteria:
	(a) Deviation is	n Delivery schedule:
	Option 2 _F	Please refer - CC 26.1
	(b) Deviation i	n payment schedule: Not applicable
	` '	major replacement components, mandatory spare parts, and service:
	Applicable	
ITB 35.4		factors and methodology will be used for evaluation: The Certificate
	from a Charter	ed Electrical Engineer should be produced after the installation
ITB 35.5	Bidders shall b Evaluation	e allowed to quote for one or more package. [refer to Section III
	and Qualificati	on 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
- (b) Cost of major replacement components, mandatory spare parts, and service: Not applicable
- (c) Specific additional criteria: None
- 2. Evaluation Criteria (ITB 35.4)
- 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 package or item contracts that include items per lot and quantity per item
- (b) Take into account: The lowest-evaluated bid for each lot or item
- 4. 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 qualification.

#### Qualification Criteria:

- (a) Bid may be submitted by any reputed supplier of ...... 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 suppler, unless each such bid is accompanied by a separate Bid Form for each bid, and 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 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.
- 5. Domestic Preference (ITB 34.1) **Applicable to Ministry of Finance, Public Finance Circular No. 03/2020**

### Section IV Bidding Forms

#### Bid Submission Form.

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

Date:

No:

To: Uva Wellassa University of Sri Lanka

We, the undersigned, declare that:

- (a) We have examined and have no reservations to the Bidding Documents, including Addenda No:
- (c) The total price of our Bid without VAT, including any discounts offered is:
- (d) The total price of our Bid including VAT, and any discounts offered is:
- (e) Our bid shall be valid for the period of time specified in ITB sub-Clause 19.1, form the date fixed for the bid submission deadline in accordance with ITB Sub-Clause 23.1, and it shall remain biding 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;

		gether with your written			
may receive. Signed: In the capacity of Name:	of	e not bound to accept the	e lowest evalu	ated bid or any	y other bid that you
Dated	on		day	of	

				Price Sched	ule			
Туре	No	Description of the item & item Code	1	2	3	4	5	6
			Qty (Nos)	Unit Rate (Rs)	VAT(Rs)	Unit Price With VAT(2+3) (Rs)	Total Without VAT (Rs) (1*2)	Total With VAT (Rs) (1*4)
	1	Auto clave (Bench top)	2					
	2	Digital Top loading balance	2					
	3	Analytical balance	1					
	4	Bunsen Burners	20					
	5	Centrifuge machine (15ml and 50ml Tubes)	1					
Package 01	6	Centrifuge machine – Eppendorf (micro- centrifuge) tubes	1					
	7	Cyclo/ Vortex mixer	2					
	8	Distillation water plant	1					
	9	Magnetic stirrers With hot plate	3					
	10	(2-20) µl Micro pipettes	5					
	11	(20-200) µl Micro pipettes	5					

	12	(100-1000) μl Micro pipettes	5			
	13	(0.5-10) µl Micro pipettes	2			
	14	Hot Air Oven	2			
	15	pH meter( Bench Top)	3			
	16	Double beam Spectrophotometer (UV/Visible) with 5 cuvettes	1			
	17	Water bath (Boiling)	1			
	18	Vacuumed Pump	2			
	19	Heating Mantle 500ml	1			
	20	Heating Mantle 1000ml	1			
	21	Urine Strip Reader	1			
Package 02	22	Refrigerator(standard) for chemicals and reagent storing	2			
	23	Freezer (small)	1			
	24	Centrifuge - Micro- hematocrit centrifuge	1			
Package 03	25	Centrifuge - Ordinary electric	1			
	26	Micro-hematocrit reader	5			

1		T		I		1
	27	Glucometer with strips	2			
	28	Micropipette (1μl – 10μl) + 100 Pipette Tips	2			
	29	Micropipette (10μ1 – 100μl) + 100 Pipette Tips	2			
	30	Micropipette (1μl – 1000μl) + 100 Pipette Tips	2			
	31	Neubauer counting chamber	3			
	32	Cover slips for counting chamber	10			
	33	Digital Stirred Stainless Steel Water Bath	4			
	34	Weighing Scales	2			
	35	Urino Meter with Thermometer	3			
	36	Osmo-meter	1			
	37	Handheld Dynamometer	1			
	38	Spirometer	1			
Package 04	39	Stadiometer	2			
	40	Bicycle Ergo meter	2			
	41	Peak flow meter + Disposable mouth pieces	2			

Package 05	42	EMG- ENG with ability to perform visual and auditory Evoke Potentials	1			
	43	ECG Recorder	1			
	44	Audio meter	1			
Package 06	45	Ophthalmoscope	2			
	46	Oroscope	1			
	47	BP (Sphygmomanometer) – Mercury	10			
	48	BP (Sphygmomanometer) - Non- Mercury	5			
Poekogo 07	49	BP sphygmomanometer – aneroid	1			
Package 07	50	Stethoscope	10			
	51	Knee hammer	5			
	52	Tuning fork set (128Hz, 256Hz & 512Hz)	3			
	53	Nylon monofilament set for sensory testing	1			
Package 08	54	Patient Bed	2			
Package 09	55	Light Microscope (Binocular)	5			

<sup>\*</sup>Use separate price schedule for options

Signature and seal of the Bidder Date
Total price without Taxes (in SLR):
Total price without Taxes (in Words):
Vat Registration No:
Total price with VAT:
Total price with VAT (in Words):
Maintenance charges as a percentage after the warranty period:
Name of the Authorized persons:
Signature of the Authorized persons:
Date:
Note: Calibration certificate should be provide on request & ISO 9001

# **Bid 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: [name (by
issuing agency) number] We have been informed that [insert (by issuing agency) name of the Bidder; if a
joint venture, list complete legal names of partners] (hereinafter called "the Bidder") has submitted to you its bid
dated[insert (by issuing agency) date] (hereinafter called "the Bid") for the supply of [insert name of
Supplier] under Invitation for Bids No [insert IFB number (:the IFB").
Furthermore, we understand that, according to your conditions, Bids must be supports by a Bid Guarantee.
At the request of the Bidder, we [insert name of issuing agency] hereby irrevocably undertake to pay
you any sum of 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 obligations(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 Purchaser 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
(c) if the Bidder is not the successful bidder, upon the earlier of (i) our receipt of a copy of your notification to the
Bidder that the Bidder was unsuccessful, 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(s) of authorized representative(s) ]

#### Manufacturer's Authorization

[The Bidder shall require the Manufacturer to fill 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]

# 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)

Item No	Description of Goods	Qty	Final Destination	Earliest Delivery Date	Latest Delivery Date	Bidder Offered Delivery Date
1	Auto clave (Bench top)	2				
2	Digital Top Loading Balance	2	-			
3	Analytical balance	1	-			
4	Bunsen Burners	20	-			
5	Centrifuge machine (15ml and 50ml Tubes)	1	Facult			
6	Centrifuge machine – eppendorf (micro-centrifuge) tubes	1	Faculty of Medicine, Uva Wellassa University of Sri Lanka			
7	Cyclo/ Vortex mixer	2	cine,			
8	Distillation water plant	1	Uva			
9	Magnetic stirrers With hot plate	3	Wel	04 Weeks	06 Weeks	
10	(2-20) µl Micro pipettes	5	lassa	eeks	'eeks	
11	(20-200) µl Micro pipettes	5	- Uni			
12	(100-1000) µl Micro pipettes	5	versi			
13	(0.5-10) µl Micro pipettes	2	ity of			
14	Hot Air Oven	2	Sri			
15	pH meter( Bench Top)	3	Lanl			
16	Double beam Spectrophotometer (UV/Visible) with 5 cuvettes	1	รัก			
17	Water bath (Boiling)	1	-			
18	Vacuumed Pump	2	1			

19	Heating Mantle 500ml	1
20	Heating Mantle 1000ml	1
21	Urine Strip Reader	1
22	Refrigerator ( standard) for chemicals and reagent storing	2
23	Freezer (small)	1
24	Centrifuge - Microhematocrit centrifuge	1
25	Centrifuge - Ordinary electric	1
26	Micro-hematocrit reader	5
27	Glucometer with strips	2
28	Micropipette (1μl – 10μl) + 100 Pipette Tips	2
29	Micropipette (10μl – 100μl) +100 Pipette Tips	2
30	Micropipette (1μl – 1000μl) + 100 Pipette Tips	2
31	Neubauer counting chamber	3
32	Cover slips for counting chamber	10
33	Digital Stirred Stainless Steel Water Bath	4
34	Weighing Scales	2
35	Urino Meter with Thermometer	3
36	Osmo-meter	1
37	Handheld Dynamometer	1
38	Spirometer	1
39	Stadiometer	2
40	Bicycle Ergo meter	2
41	Peak flow meter + Disposable mouth pieces	2
42	EMG- ENG with ability to perform visual and auditory	1

	Evoke Potentials	
43	ECG Recorder	1
44	Audio meter	1
45	Ophthalmoscope	2
46	Oroscope	1
47	BP (Sphygmomanometer) – Mercury	10
48	BP (Sphygmomanometer) - Non- Mercury	5
49	BP sphygmomanometer – aneroid	1
50	Stethoscope	10
51	Knee hammer	5
52	Tuning fork set (128Hz, 256Hz & 512Hz)	3
53	Nylon monofilament set for sensory testing	1
54	Patient Bed	2
55	Light Microscope (Binocular)	5

# **Technical Specifications**

The bidder shall follow the following technical requirement and other requirement.

		Namaas			Bidders Con	nformity
Type	No	the Item	Qty	Requirement/Specifications	Yes	Remar ks
Pack age 01	<b>No</b>	Auto clave (Bench top)	Qty 2	Manual adjustable exhaust valve for liquid sterilization  Sterilizer should be made by stainless steel  The heater should be made of stainless steel  Sterilization temperature should be adjustable from 0-60 minutes  Automatic control cycle from heatin sterilization- time off  The entire sterilization process should be continuously monitored through microprocessor indicative system  The sterilization should start when the pressure/ temperature in the chamber arrives the set point  Chamber Dimensions Ø x L (mm)-3 mm x 700 mm (or higher)  Chamber capacity- 50 L or higher  The unit shall operate on the power supply of 230V±10% 50 Hz single phases.	s s s s s s s s s s s s s s s s s s s	Remar
				Operating temperature should be 105 °C 130 °C or better  Safety device- Over heat (Low water cut-off switch  Safety valve and release valve  Emergency exhaust valve  Door safety holder  Pressure protection switch  Temperature control system  Standard accessories- stainless s baskets, Exhaust hose should provided with the autoclave  After sales services: should have a good after sales service. Please attack details of after sales service personal	teel be	

1	1		l	41-1		<u> </u>
				their qualifications and address of the		
				after sales division etc.		
			14	Letter of authority required from the		
				manufacturer		
				Documentary evidence of requested		
			15	specifications should be provided by		
				making on manufacturer's literature		
				should contain at least 3 years		
			16	acceptable working records including		
				in Sri Lanka		
				The supplier shall produce valid		
			17	NMRA certificate for the quoted		
				model.		
			1	Capacity shall not be less than 1500 g		
			2	Readability- 1 mg or better		
			3	Repeatability- at least 1 mg		
			4	Linearity- 2 mg		
			5	Stabilization time- 3s or lesser		
				External calibration function should be		
			6	available		
			7	Pan size- Not less than 120 mm		
			8	Square draft shield with all glass panels		
			8	including three sliding doors		
			9	Front mounted level indicator for easy		
			9	viewing		
			10	The balance shall have RS-232 or other		
	Digital		10	communication port		
2	Top	2	11	Weigh below hook shall be available		
	Loading	_	11	for density measurement		
	Balance		12	The balance should have stability		
			12	indicator		
			13	Auto tare facility		
			1.4	CE and ISO certificates should be		
			14	available		
				After sales services: should have a		
				good after sales service. Please attach		
			15	details of after sales service personal,		
				their qualifications and address of the		
				after sales division etc.		
			16	Letter of authority required from the		
			16	manufacturer		
			17	Documentary evidence of requested	 	
			1/	specifications should be provided by		

				making on manufacturer's literature		
				should contain at least 3 years		
			18	acceptable working records including		
			10	in Sri Lanka		
	1			Capacity – 60-120 g (should be within		
			1	the range)		
			2	Readability- at least 0.1 mg		
			3	Reproducibility- ± 0.1 mg		
			4	Linearity- at least $\pm 0.07$ mg		
			5	Response time- 2s or lesser		
			6	Tare range- full to capacity		
			0			
			7	Allowable Ambient Operating Temperature within the range - 10° C		
			'	to 35° C		
			8	Pan size- 85 mm or higher		
				Display should be LCD Backlit		
			9	Bisping should be Beb Backit		
			10	Calibration- Internal Automatic		
				Selectable Application Programs-		
				Counting, Weighing in percent,		
			11	Density determination, Peak hold,		
			11	Unstable condition, Check weighing,		
3	Analytical balance	1		Mixing, Conversion, Statistics,		
	barance			Components		
			12	Sensitivity Drift (10° - 35°C)- $\pm$ 1.5		
				ppm / °C		
			12	Draft Shield Chamber Height (from		
			13	pan to top of glass door)- 209 mm or higher		
			14	Interface- mini USB		
			14	Leveling- Manual with front level		
			15	bubble with two front leveling feet		
				Balance should be featured with RS		
			16	232 or other output for directly connect		
				to a printer		
			1-	AC adapter should be provided with		
			17	the balance		
			10	Electrical connection- 230V±10% 50		
			18	Hz single phases		
				Housing Design- Aluminum Die-cast		
			19	base with coated ABS top housing or		
				equivalent for heavy duty usage		

ı	ĺ	]	İ	I	T. 1.1		
				20	Interior and the exterior of the balance		
			<u> </u>		should be chemical resistance		
					After sales services: should have a		
					good after sales service. Please attach		
				21	details of after sales service personal,		
					their qualifications and address of the		
					after sales division etc.		
				22	Letter of authority required from the		
					manufacturer		
					Documentary evidence of requested		
				23	specifications should be provided by		
					making on manufacturer's literature		
					Should be a world reputed brand and		
				24	should contain at least 3 years		
				24	acceptable working records including		
					in Sri Lanka		
					With air regulation, perforated Head -		
					30mm x 185mm, made of nickel-plated		
					brass, Product Catalogue and catalogue		
					number should be available and		
					requested specification should be stated		
		_			in the catalog page. Catalogue page,		
	4	Bunsen	20	1	catalogue number and picture of the		
		Burners			item should be submitted with		
					Quotation document supplied by the		
					company. If it is failed to submit		
					catalogue page, catalogue number and		
					picture of the item, the bidder will be		
					rejected.		
-					The centrifuge should be a bench top		
					model which driven through a		
				1	brushless induction motor that		
				1	functions on the power supply of 230V		
					$\pm 10\%$ , 50Hz.		
		Centrifug			The unit should have a maximum		
		e			capacity of not less than 400ml and		
	_	machine	4	2	should be supplied with swing out head		
	5	(15ml	1		with glass tubes to centrifuge at least		
		and 50ml			16 x 15 ml tubes in each load.		
		Tubes)			The unit with above rotor should be		
					capable of giving Relative Centrifugal		
				3			
					Force (RCF) of not less than 3,400g at		
					approximately 4,450rpm.		
				4	Cost accessories to meet the following		

				requirements separately.	shall be	quoted		
				Sample Capacity	Test tube quantity (not less than)	RPM (not less than)		
				5ml	16 Nos.	4,500		
				15ml	16 Nos.	4,450		
				50ml	4 Nos.	4,450		
				100ml	4 Nos.	3,900		
				The unit show	uld be a micro	orocessor-		
			5	controlled sys	tem with recall eters.	facility of		
			6	There should	be a 0–60-minuimer with alph	_		
				LCD display.				
					ould be equip		 	
			7	opening during imbalance des	terlock to prev ring centrifug tector with cuto dynamic break	ation & ff. It also		
			8	The supplier 3years experi	should have ence in maintai referably in go	ning such		
			9	period of no months from commissionin basis. Such include serv	nt shall be warrant less than 12 the date of second full "part a warranty second full and particing and parting the particing the particing the participal second full second	calendar successful & labour" hall also preventive		
			10		r shall produ ificate for the			
6	Centrifuge machine – eppendorf (micro-	1	1	model which brushless if functions on to ± 10%, 50Hz.	nduction mother he power supply	rough a tor that y of 230V		
	centrifuge ) tubes		2	suitable rotor	ould be supplied head to centrifuctubes of capacit	ge at least		

			3	The unit with above rotor should be capable of giving Relative Centrifugal Force (RCF) of not less than 12,000g at approximately 11,000rpm.			
			4	The unit should be a microprocessor-controlled system with recall facility of last set parameters.			
			5	There should be a 0–60-minute digital countdown timer with alphanumeric LCD display.			
			6	The unit should be equipped with safety lid interlock to prevent cover opening during centrifugation & imbalance detector with cutoff. It also should have dynamic break for quick deceleration.			
			7	The unit shall supply with the suitable adaptors of 1ml & 0.4ml.			
			8	The supplier should have at least 3 years experience in maintaining such equipment preferably in government sector.			
			9	The equipment shall be warranted for a period of not less than 12 calendar months from the date of successful commissioning on full "part & labour" basis. Such a warranty shall also include servicing and preventive maintenance during the period of validity			
			10	The supplier shall produce valid NMRA certificate for the quoted model.			
			1	Usage: used commonly in laboratories to mix small vials of liquid Speed range: should be within 500 to 3000 rpm			
	Cyclo/		2	1		i	
7	Vortex mixer	2	3	Controls: 3-way power switch, LED display for time/speed, up/down keys for set-point control			
			4	Overall dimensions (L x W x H): at least 4.8 x 6.8 x 4.8"(12.2 x 17.3 x 12.2cm)			
	7		7 Vortex 2	4 5 6 7 8 9 10 7 Vortex mixer 2 3	a capable of giving Relative Centrifugal Force (RCF) of not less than 12,000g at approximately 11,000rpm.  The unit should be a microprocessor-controlled system with recall facility of last set parameters.  There should be a 0–60-minute digital countdown timer with alphanumeric LCD display.  The unit should be equipped with safety lid interlock to prevent cover opening during centrifugation & imbalance detector with cutoff. It also should have dynamic break for quick deceleration.  The unit shall supply with the suitable adaptors of Iml & 0.4ml.  The supplier should have at least 3 years experience in maintaining such equipment preferably in government sector.  The equipment shall be warranted for a period of not less than 12 calendar months from the date of successful commissioning on full "part & labour" basis. Such a warranty shall also include servicing and preventive maintenance during the period of validity  The supplier shall produce valid NMRA certificate for the quoted model.  Usage: used commonly in laboratories to mix small vials of liquid  Speed range: should be within 500 to 3000 rpm  Usage: used commonly in laboratories to mix small vials of liquid  Speed range: should be within 500 to 3000 rpm  Cyclo/ Vortex mixer  2 Orbit: at least 4.9mm  Controls: 3-way power switch, LED  display for time/speed, up/down keys for set-point control  Overall dimensions (L x W x H): at least 4.8 x 6.8 x 4.8"(12.2 x 17.3 x	approximately 11,000rpm.  The unit should be a microprocessor-controlled system with recall facility of last set parameters.  There should be a 0–60-minute digital countdown timer with alphanumeric LCD display.  The unit should be equipped with safety lid interlock to prevent cover opening during centrifugation & imbalance detector with cutoff. It also should have dynamic break for quick deceleration.  The unit shall supply with the suitable adaptors of 1ml & 0.4ml.  The supplier should have at least 3years experience in maintaining such equipment preferably in government sector.  The equipment shall be warranted for a period of not less than 12 calendar months from the date of successful commissioning on full "part & labour" basis. Such a warranty shall also include servicing and preventive maintenance during the period of validity  The supplier shall produce valid NMRA certificate for the quoted model.  Usage: used commonly in laboratories to mix small vials of liquid Speed range: should be within 500 to 3000 rpm  Cyclo/ Vortex mixer  Cyclo/ Vortex mixer  Controls: 3-way power switch, LED display for time/speed, up/down keys for set-point control  Overall dimensions (L x W x H): at least 4.8 x 6.8 x 4.8"(12.2 x 17.3 x	capable of giving Relative Centrifugal Force (RCF) of not less than 12,000g at approximately 11,000rpm.  The unit should be a microprocessor-controlled system with recall facility of last set parameters.  There should be a 0–60-minute digital countdown timer with alphanumeric LCD display.  The unit should be equipped with safety lid interlock to prevent cover opening during centrifugation & imbalance detector with cutoff. It also should have dynamic break for quick deceleration.  The unit shall supply with the suitable adaptors of Iml & 0.4ml.  The supplier should have at least 3 years experience in maintaining such equipment preferably in government sector.  The equipment shall be warranted for a period of not less than 12 calendar months from the date of successful commissioning on full "part & labour" basis. Such a warranty shall also include servicing and preventive maintenance during the period of validity  The supplier shall produce valid NMRA certificate for the quoted model.  Usage: used commonly in laboratories to mix small vials of liquid Speed range: should be within 500 to 3000 rpm  2 Orbit: at least 4.9mm  Cyclo/ Vortex 2 mixer  Total Relative Centrifugal and preventive maintenance during the period of validity to mix small vials of liquid Speed range: should be within 500 to 3000 rpm  2 Orbit: at least 4.9mm  Cyclo/ Vortex 2 mixer  Total Relative Centrifugal and preventive mixer should be within 500 to 3000 rpm  Cyclo/ Cyclo/ Vortex 2 mixer  Cyclo/ Vortex 2 mixer  A least 4.8 x 4.8 x 4.8 y H; at least 4.9 x H; at least 4.8 x 6.8 x 4.8 x (12.2 x 17.3 x

ı		İ	1	ı		T	
				5	Continuous or touch modes		
				6	Microprocessor controls		
				7	LED display for speed and time		
				8	Letter of authority required from the		
				0	manufacturer		
					Documentary evidence of requested	]	
				9	specifications should be provided		
					clearly by making on manufacturer's		
					literature where necessary.		
					Suggesting item should be a at least 03	]	
				10	years satisfactory sales record		
					including in Sri Lanka		
					Documentary evidence of requested	]	
				11	specifications should be provided	]	
					clearly by making on manufacturer's		
-					literature where necessary.		
					The unit shall operate on the power		
				1	supply of 230V±10% 50 Hz single		
					phases		
		ļ		2	The water distiller shall be of glass type		
		ļ			The unit shall provide output at a rate		
				3	of not less than 4 liters of distilled		
					water per hour and the heater capacity		
					shall be not less than 3 Kw.		
					There shall be an automatic reset		
				4	overheat cut - out on the dry side of the		
					element for easy descaling.	-	
		Distillatio			Each unit shall be supplied with a spare		
	8	n water	1	5	heating element and any accessories		
	J	plant	1		necessary (washers etc.) to connect it		
		r			and a set of fast-moving spare parts.	<del>                                     </del>	
					The equipment shall be warranted for a		
					period of not less than 12 calendar months from the date of successful		
		ļ			commissioning on full "part &labour"		
				6	basis. Such a warranty shall also		
					include servicing and preventive		
					maintenance during the period of		
		ļ			validity		
		ļ			•		
				_ !	The supplier shall produce valid		
		ļ		7	NMRA certificate for the quoted		
					model.		

					Heating Magnetic Stirrer with ceramic		
				1	heating Plate for assuring a high resistance		
					to chemicals and mechanical corrosion		
					Microprocessor controlled feedback		
				2	technology will provide precise		
				2	temperature and speed control by		
					assuring consistent performance		
					The built-in electronic system will keep		
				3	the stirring speed constant,		
				3	even when the viscosity of the liquid		
					changes		
					Maximum protection against leakages		
				4	will be assured with the elevated front		
					panel and dedicated run-off grove		
			•		The control panel should be separated		
				_	from the hot plate, this feature		
				5	increases the safety rating during use		
					and the durability of the instrument		
				6	Temperature should be from room		
				U	temp. to 500 °C or better		
	\ \ \ \	/Iagnetic		7	Temperature sensor should be available		
	eti	irrers	_	,	to control solution temperature		
9	)	ith hot	3	8	Temperature regulator should be		
	pl	ate			available with a knob		
				9	There shall be a digital LED		
					temperature display for set temperature		
				10	Dimensions of the heating plate shall		
					be 175x175 mm or better		
				11	Stirring should be up to 1500 rpm and		
					speed regulation should be with a knob		
					Hot Plate Warning should be available		
				12	whenever the top plate temperature is		
					over 60 °C or better		
				13	Stirring capacity shall be up to 15 liters		
					Stirring system should be high-power		
				14	driving magnet type system operated		
				- '	by a single phase motor for continuous		
					operation		
				15	Protection rating should be IP 42		
				16	Power supply of 230V±10% 50 Hz		
				10	single phases.		
				17	It should be supplied with 40 mm		
				- '	Magnetic Stirring Bar		
					Documentation		

	1	ì	i			1	
				18	Manufacture product catalogs with		
				10	requested information should be		
					supplied		
				19	Manufacture authorization for the		
				19	bidder to represent the given brand		
				20	User reference list should be attached		
					Bidder should have good aftersales		
				21	facility with trained technicians and		
				21	parts available locally to carry out any		
					service/ repair immediately		
		$(2-20) \mu l$			The pipette needs to be of Single		
	10	Micro	5	1	Channel type with variable volume		
_		pipettes			* -		
	1.1	(20-200)	_	_	The unit Shall have a large volume		
	11	μl Micro	5	2	display with a mechanism to ensure		
		pipettes (100-			precision and accuracy of volume.		
		(100- 1000) μl			The unit shall have a fine adjustment		
	12	Micro	5	3	ruler for superior accuracy and		
		pipettes			precision		
		(0.5-10)			The construction material of the pipette		
	13	μl Micro	2	4	needs to be resistant to the following		
		pipettes			Moisture, UV Light, Reagents		
					The design should be user friendly &		
				5	should be able to avoid Repetitive		
					Strain Injuries.		
				6	Should be designed to place a personal		
				U	ID tag.		
				7	The pipette shall have a mechanism to		
					counter unintentional volume changes.		
				8	The tip cone should be autoclavable for		
					better protection of the sample.		
					The supplier should quote the unit		
				9	prices of the following variable volume		
					type pipettes.		
					General Conditions		
					The equipment should be covered by a		
					comprehensive "Parts & Labour"		
					warranty for the period of not less than		
				12	12 calendar months from the date of		
					successful Installation &		
					commissioning. Such a warranty		
					should also include servicing and at		
					least 4 preventive maintenances per		

I				I	secondonica the new J-C1114	 Т	
					year during the period of validity.		
					Bidder shall furnish the documentary		
				13	evidence to demonstrate that the good		
					it offers meet the following usage		
					requirement.		
				14	a. ISO certificate for good		
				1.5	manufacturing practice	-	
				15	b. CE Certificate		
				1.0	c. Shall conform to relevant ICG		
				16	safety standers & other international		
-					regulatory standers.		
					The unit shall operate on a power		
					supply of 230V ± 10%, 50Hz & it		
				1	should have a microprocessor-based control system that has forced air		
					convection by fan to ensure effective		
					thermal distribution.		
					The unit shall be suitable for drying		
					and sterilizing in laboratories with a		
				2	mechanism to adjust fresh air inlet port		
					to control the amount of convective air.		
					It should be double wall construction		
					for durability and heat retention. And		
				3	there should be a heavy-gauge glass		
					fiber insulation to prevent the heat loss.		
					The chamber capacity should be at		
		Hot Air		4	least 70 liters & the height of stainless-		
	14	Oven	2	4	steel wire-rod shelf is adjustable in		
		Oven			order to meet the sample dimension.		
					Instrument should ensure scratch free		
				5	and corrosion free from a quality		
					surface treated powder coating.		
					The Temperature display should be		
				6	LED digital and ambient temperature		
					range should be within +5°C to 250°C.	-	
				_	There should be a LED digital display		
				7	for Power, Heating, Alarm to easy		
					investigation.	 <del>                                     </del>	
				8	The temperature uniformity should be $\pm 3^{\circ}$ C at $180^{\circ}$ C and the temperature		
				0	stability should be±0.1°C at 180 °C.		
					Unit should equip with over		
				9	temperature alarm and shutout device		
					to 10°C above the set point.		
				<u> </u>	to 10 C above the set point.		

	<u>.</u>	_						
	ļ I	'		10	The unit shall have certifications such		1	
	; 	1		TO	as ISO, FDA or CE, and GMP			
	i i	1		'	The supplier should have at least		1	
	i i	1		11	3years experience in maintaining such		1	
	i i	1		'	equipment preferably in government		1	
	i i	1		<del></del> '	Sector.		<del></del>	
	i i	1		'	The equipment shall be warranted for a		1	
	i i	1		'	period of not less than 12 calendar months from the date of successful		1	
	i i	1		'	commissioning on full "part &labour"		1	
	i i	1		12	basis. Such a warranty shall also		1	
	i i	1		'	include servicing and preventive		1	
	i i	1		'	maintenance during the period of		1	
	i i	1		'	validity		1	
					Meter should be water resistant to IP 67	<del>                                     </del>	<del></del>	
	i i	1		'	standard		1	
	i i	1			It should have a LCD display with		1	
	i i	1		'	backlight		1	
	i i	1			It should have automatic temperature		1	
Ì	i I	1			compensation facility and automatic		1	
	i i	1		1	buffer recognition facility with pH	<sub> </sub>	1	ĺ
	i i	1		<u></u> '	2.01, 4.01, 7.00, 9.21 and 10.01 buffers	<u> </u>	1	
	i i	1		[	The unit shall operate on the power	  -	1	_
	i i	1		2	supply of 230V±10% 50 Hz single		1	ĺ
	i i	1		<u> </u>	phases.	<b></b>	<del></del>	
	i i	1			Power adapter should be also provided	<sub> </sub>	1	
	i I	1		3	to operate the meter using AC		1	
	i i	pH meter		<u> </u>	electricity	<del></del>	+	
	15	(Bench	3	4	It should have gel filled pH glass		1	
	i i	top)		$\vdash$	combination electrode		+	
	i i	1		5	Meter should read parameters pH, mV		1	
	i i	1		$\vdash \vdash$	and temperature  Electrode cable length should be at	$\overline{}$	<del></del>	
	i i	1		6	Electrode cable length should be at least 1 meter		1	
	i i	1		$\vdash \vdash \vdash$	Electrode stand, universal power			
	i i	1		'	adapter, literature CD, printed quick		1	
	i i	1		7	start guide, computer interface cable		1	
	i i	1			and meter test certificate should also be		1	
	i i	1		'	provided with the meter		1	
	i i	1			Please attach details of after sales		1	
	i i	1		9	service personal, their qualifications		1	
	i i	1		8	and address of the after sales division		1	
	i i	1		l'	etc.	ll	1	
	 	l'		9	Letter of authority required from the			

	1		1	C .	T	
				manufacturer		
			10	Documentary evidence of requested		
			10	specifications should be provided by		
			<u> </u> '	making on manufacturer's literature	<u> </u>	
			'	Should be a world reputed brand and		
			11	should contain at least 3 years		
			'	acceptable working records including		
			12	in Sri Lanka	<u> </u>	<u> </u>
			12	pH	<u> </u>	<u> </u>
			13	Range (pH) - 0-14 pH		
			14	Resolution (pH)- 0.01 or better		
			15	Accuracy (pH) ±0.002pH or better		
			16	Temperature		
			17	Range (Temperature) - 0 to 100° C		
			18	Resolution (Temperature) 0.1°C or		
			10	better		
			19	Accuracy (Temperature) ±0.1°C or		
				better		
			20	mV		
			21	Range (mV) ±2000.0 mV		
			26	Resolution (mV) 0.1mV		
			27	Accuracy (mV) ±0.2 mV		
			28	Compliance- Meter should comply		
			20	with CE standard		
				After sales services: should have a		
				good after sales service. Please attach		
			29	details of after sales service personal,		
				their qualifications and address of the		
				after sales division etc.		
			30	Letter of authority required from the		
				manufacturer		
				Documentary evidence of requested		
			31	specifications should be provided by		
				making on manufacturer's literature		
				Should be a world reputed brand and		
			32	should contain at least 3 years		
				acceptable working records including		
			<u> </u> '	in Sri Lanka	<del>                                     </del>	ļ
			33	The proposed model should be recently		
	+		<del> </del> '	introduced to the market	<del>                                     </del>	<u> </u>
1.0	Double	1	1	Optics-Turner, Dual Beam		
16	beam	1	<u> </u>	Monochromator	<u> </u>	<u> </u>
	Spectroph		2	Wavelength Range 190 nm-1100 nm		

1 1 .	. 1		0.00		
	ometer W/Wigib	3	Spectral Bandwidth Minimum 0.5 nm		
,	JV/Visib ) with 5	4	Stray Light ≤0.10%		
	vettes	5	Wavelength Accuracy ±0.1 nm		
		6	Wavelength Repeatability ±0.1 nm		
		7	Photometric Range Absorbance: -3.4 to		
			+3.4		
			Photometric Accuracy ±0.002 Abs (0 -		
		8	0.5 Abs), ±0.004 Abs (0.5 - 1.0 Abs),		
			±0.008 Abs (1.0 - 2.0 Abs), ±0.3% T		
			Photometric Reproducibility ±0.0003		
		9	Abs $(0.0.5 \text{ Abs})$ , $\pm 0.0005 \text{ Abs}$ $(0.5-1)$		
			Abs), ±0.001 Abs (1.0-2 Abs) Wavelength Scan Speed Maximum		
		10	6000 nm/min		
			RMS Noise ≤0.00003 Abs (0 Abs,		
		11	500nm)		
		12	Baseline Stability 0.0002 Abs/hr		
		13	Baseline Flatness ±0.0006 Abs		
			Light Source Tungsten-Halogen and		
		14	Deuterium Lamp		
		15	Light Source Switching Automatic		
			switching selectable		
			for 325 nm - 370 nm rang		
		16	Detector Silicon Photodiode or		
			equivalent		
		17	Display 7" Touchscreen or higher		
			Software Touchscreen operation, PC		
		18	controlled		
			software or CFR compliant PC-		
			controlled software Dimensions 500 mm (W) × 475 mm (D) x		
		19	250 mm (H) or equivalent		
		20	Operating Temperature 10°C - 35°C		
			Time scan: kinetic measurements for		
		21	time period ranging from 1 minute to		
			>27 hours		
			Should be equipped with immersion		
l w	Vater	1	heating element sheathed with stainless		
17 ba			steel.		
	oiling)		Low-cost model with $\pm 0.2^{\circ}$ C or better		
		2	stability and uniformity of $\pm$ 0.01 °C, or better also precision thermostat		
			better also precision mermostat		

		1		ON/OFF control.			
	!			It should be available with analog		†	
	!			temperature settings and functioning			
	!		3	mercurial thermometer with a			
	!			thermostatic temperature with 5°C			
	!			above ambient to 100°C.			
	!		4	Capacity: 20 L or higher			
	!		5	Power Supply : 230 V			
	!			Should be supplied with stainless steel		†	
	!		6	Lid & 02 Nos. stainless-steel test-tube			
	!			racks for 18 mm x 20 tubes.			
	!			The equipment shall be warranted for a			
	!			period of not less than 12 calendar			
	!			months from the date of successful			
	!		7	commissioning on full "part & labour"			
	!			basis. Such a warranty shall also			
	!			include servicing and preventive			
	!			maintenance during the period of validity			
	+	<del>                                     </del>	+	Type Diaphragm Vacuum Pumps			
			1	Max Flow Rate 0-75 lpm			
18	Vacuumed	2		Usage/Application Laboratory			
	Pump			Cooling Method Air cooled			
	!			Automation Grade Semi-Automatic			
			1	Heating element - Nichrome wire			
	Heating		2	Capacity(ml)- 500ml			
19	Mantle	1	3	Surface Max. Temp.( °C)-450°C			
	500ml		4	One Year Comprehensive - Warranty	<del>_</del>		
	<u> </u>		4	Period			
	!		1	Heating element - Nichrome wire			
	Heating		2	Capacity(ml)- 1000ml			
20	Mantle	1	3	Surface Max. Temp.( °C)-450°C			
	1000ml		4	One Year Comprehensive - Warranty			
<u> </u>	<u> </u>	<u> </u>	┼	Period			
	!			The unit shall operate on the power			
	!		1	supply of 230+10% 50 Hz single			
	!		-	phase. The unit shall have the capability of		1	
	Urine			testing following parameters using a			
21	Strip	1		single strip. Urobilinogen, Bilirubin,			
	Reader		2	Ketone, blood, Protein, Nitrite,			
	!		_	Leukocytes, glucose, Specific gravity,			
				pH, Ascorbic acid, Creatinine, Micro			
	!			Albumin, Calcium			
		<u> </u>					

				3	The Vitamin C shall not interfere the estimation of chemical parameters.		
				4	Test Principle: Photoelectric Colorimetric and the Test Wavelength		
					shall be 525 nm ,572nm,610 nm & 660 nm		
				5	The unit shall have a test through put of more than 100 samples per hour.		
				6	The Unit shall have a Data Memory of more than 1000 test results and 50 quality control results.		
				7	The equipment needs to incorporate a Computer Interface		
				8	Test results to be automatically rectified from effects of non-specificity, pH, specific gravity & color		
				9	The Equipment shall have a built-in thermal printer or equivalent		
				10	The unit cost of test strips to be indicated in the pro forma invoice		
					The Manufacturer should have the following international certification.		
				11	ISO 9001:2000 ISO 13485:2003		
					CE Each unit shall be supplied with		
				12	comprehensive operation and service manuals printed in English		
				13	The supplier shall produce valid NMRA certificate for the quoted model.		
				14	The equipment shall be warranted for a period of not less than 12 calendar months from the date of successful commissioning on full "part & labour" basis. Such a warranty shall also include servicing and preventive		
_					maintenance during the period of validity		
Pack age	22	Refrigerat or (	2	1	The unit should work on power supply of 230V AC $\pm$ 10%, 50Hz		
02		standard)		2	Capacity: 250 Liters		

	for chemicals and		3	The unit should be of floor standing type with polyurethane coating and a lockable door.	
	reagent storing		4	Temperature control range from 2~8°C with the ambient temperature from 10°C~32°C	
			5	Temperature control should be Microprocessor based	
			6	Instrument should have safety control such as Alarm for system malfunctions, over and under temperature, and sensor error.	
			7	Cabinet type should be Upright and shall have Single glass door	
			8	The unit should comprise of a suitable compressor with a thermal overload cut-out and relay.	
		11	9	The refrigerant used should be CFC free.	
			10	The unit should have not less than five (04) shelves and 4 casters	
			11	The unit should be equipped with a digital display mounted on the front panel to indicate chamber temperature	
			12	The unit should be supplied with user and service manuals in English	
			13	The unit should have forced air circulation on maintain a uniform chamber temperature	
			14	The equipment shall be warranted for a period of not less than 12 calendar months from the date of successful commissioning on full "part &labour" basis. Such a warranty shall also include servicing and preventive maintenance during the period of validity	
			15	The supplier shall produce valid NMRA certificate for the quoted model.	
			1	Capacity -150L (Net)	
23	Freezer (small)	1	2	Compressor/Inverter/Non Inverter- Non Inverter	
			3	Refrigerant-R600a	

		]		4	Technology-Direct Cooling			
				5	Colour / Finish-White			
				6	Number Of Doors-one			
				7	Door Type / Finish-Inner HIPS/			
				/	Insulated/ top open			
				8	Digital Display-No			
				9	Controls -Mechanical Thermostat			
				10	Interior - Number Of Door			
					Compartments -One			
				11	Freezer Configuration-18 inner			
				12	Temperature (18°C)	+	<del>                                     </del>	
				12	Temperature – (-18°C)	+		
				13	Temperature- Power Source/Voltage	<del> </del>	<del>                                     </del>	
				14	Climate Class- T		<del>                                     </del>	
				15	Inner Body Type –PP Inner liner		<del>                                     </del>	
				16	Outer Body Type –U shell		<del>                                     </del>	
				17 18	Condenser Type (Out/Inside) - Inside	+		
				10	Power Consumption -150W Speed: not less than 600 rpm step of	+	-	
		Centrifuge		1	100			
				2	Specimen capacity:12 tube/run			
				3	Sample size: 10 ml tube			
	24	Microhem	1	4	Built in timer and speed control			
		atocrit		5	Digital display			
		centrifuge		6	Brake			
				7	Door lock and safety protected lid			
					The supplier shall produce valid			
				9	NMRA certificate for the quoted			
Pack				<u> </u>	model.			
age 03				1	Speed: not less than 600 rpm step of 100			
				2	Specimen capacity:12 tube/run			
				3	Sample size: 10 ml tube	T		
				4	Built in timer and speed control			
	25	Centrifuge - Ordinary	1	5	Digital display			
	43	electric	1	6	Brake			
		Ciccuit		7	Door lock and safety protected lid	<u> </u>		
				8	Power supply: 220VAC,50Hz			
					The supplier shall produce valid	Ţ		_
				9	NMRA certificate for the quoted			
					model.			]

			1	Microhematocrit Reader			
	'	'					
	Minne	'	2	Dimensions: 8" (L) x 5" (W) x 1" (H)			
26	Micro- hematocrit	5	3	or equivalent			
20	reader		3	Warranty: 1 Year.	<del>                                     </del>		
	Touce	'		The supplier shall produce valid			
	'	'	4	NMRA certificate for the quoted			
<u> </u>		<u> </u>	-	model.	<del>                                     </del>		
	!		1	Should be a hand held meter	<del></del>		
	!		2	Should require no routine maintenance	<del>                                     </del>		
	!		3	Should have reading range/linearity from 20 to 600 mg/dl	<u> </u>		
	!		1	Should have a maximum reading time			
	!		4	of less than 10 seconds			
	!		5	Should use electrochemical technology			
	!			Should use a minimum blood sample			
	!		6	less than 1.5µl			
	!		7	Should have a LCD display			
	!		8	Should have measuring unit in mg/dl.			
	!			Should have wide operating			
	1		9	temperature	<u> </u>		
	!		10	Should have a minimum memory of 50			
	1		11	Should have facility to ensure accuracy			
	Glucomet		11	of measurements	<u> </u>		
27	er with	2		Should have safety certificate from a			
	strips		12	competent authority CE / FDA (US) /			
	!			STQC /CB	<u> </u>		
	!			The supplier shall produce valid			
	1		13	NMRA certificate for the quoted			
	!			model.	<b></b>		
	1		GL	UCOSE STRIPS	<u> </u>		
	!		1	Should be able to use capillary blood			
	!			samples.	<b></b>		
	!		2	Should have a minimum 4 months			
	!		<u> </u>	shelf life after opening the strip vial.	<del>                                     </del>		
	1			All strips should have at least one			
	!		3	year expiry date from the date of			
	!		<u> </u>	supply.	<del>                                     </del>		
	1		4	50 strips should be supplied along with the equipment			
	!		<u> </u>	with the equipment.  Strips should be available in the local	+	+	
	!		5	market			
	Micropipe	-		Needs to be of single channel type			
28	tte (1µl –	2	1	with volume range of $1\mu l - 10\mu l$			
	π (1 μ1	<u> </u>		With volume range of the Tohi			

	10μl) + 100		2	Needs to be of non-metallic construction to ensure ease of use		
	Pipette		3			
	Tips		5	Needs to be fully autoclavable  Construction material needs to be		<del>                                     </del>
	^ '		<sub>4</sub>			
	!		4	resistant to Moisture, UV Light and		
	!			Reagents Inaccuracy should not exceed ±0.1 at		<b>—</b>
	'		5	Inaccuracy should not exceed ±0.1 at 100µl		
	•		<u> </u>	Design should be user friendly &		
	!			should be able to avoid repetitive		
	!		6	strain injuries, should be designed to		
	!			place personal ID tag		
	!			Shall have mechanism to counter		
	'		7	unintentional volume changes		
	!			Warranty should not less than 12		
	!		8	months		
			<u> </u>	Needs to be of single channel type		
	!		1	with volume range of $10\mu l - 100\mu l$		
	!			Needs to be of non-metallic		
	'		2	construction to ensure ease of use		
	·		3	Needs to be fully autoclavable		
	!		-	Construction material needs to be		
	Micropipe		4	resistant to Moisture, UV Light and		
	tte (10µl –			Reagents		
20	100µl) +			Inaccuracy should not exceed ±0.9 at		
29	100	2	5	100μl		
	Pipette			Design should be user friendly &		
	Tips		_	should be able to avoid repetitive		
	'		6	strain injuries, should be designed to		
	·			place personal ID tag		
	·		7	Shall have mechanism to counter		<u> </u>
	!		,	unintentional volume changes		<u> </u>
	!		8	Warranty should not less than 12	 	
			U	months		
	!		1	Needs to be of single channel type		
	'		1	with volume range of 1μl – 1000μl		
	Micropipe		2	Needs to be of non-metallic		
	tte (1µl – 1000µl) +			construction to ensure ease of use		
30	1000µ1) +	2	3	Needs to be fully autoclavable		
	Pipette			Construction material needs to be		
	Tips		4	resistant to Moisture, UV Light and		
	^ '			Reagents		
			5	Inaccuracy should not exceed ±7 at		

1		I		1000μΙ
			6	Design should be user friendly & should be able to avoid repetitive
			6	strain injuries, should be designed to place personal ID tag
			7	Shall have mechanism to counter unintentional volume changes
			8	Warranty should not less than 12 months
31	Neubauer counting chamber	3	1	Improved neubauer -Depth 0.1mm,1/400mm
32	cover slips for counting chamber	10	1	cover slips for Neubauer counting chamber
			1	Capacity 38 L or higher
			2	Digital temperature control through LCD panel
			3	Safety cut-out fitted preventing dangerous overheating
			4	Audible over set point temperature alarm
			5	Stainless steel tank with powder coated exterior providing a durable chemical resistant
	Digital		6	Temperature range: Ambient +5°C to 99°C
33	Stirred Stainless	4	7	Sensitivity/temperature stability at least : ±0.1°C at 45°C
	Steel Water		8	Temperature uniformity at least : ±0.01°C at 45°C
	Bath		9	Stainless Steel Gable Lid to fit 38 L Stirred Baths
			10	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.
			11	Letter of authority required from the manufacturer
			12	Bath should be molded with rounded corners and seamless stainless steel to ensures efficient circulation and easy

				for cleaning.								
				Should come with a rotating water								
			13	stirrer to direct flow to various areas								
			13	of the tank in order to improve								
				temperature uniformity.								
				Documentary evidence of requested								
			14	specifications should be provided by								
				making on manufacturer's literature								
				Should be a world reputed brand and								
			15	should contain at least 3 years								
				acceptable working records including								
				in Sri Lanka								
			1	Capacity: 160 kg or better								
			2	Accuracy: 100 g or better								
				Platter Size: 350 mm x 300 mm								
			3	(Tolerance +/- 10%)								
				The scale should be made up of heavy								
			4	duty. Cast iron structure Platform								
				with powder coated frames.								
			_	The Electronic Adult Weighing Scale								
			5	should incorporate following features								
		-		for user-friendly Convenience.								
34	Weighing Scales	2	6	Display: LED / LCD: 5 digit with								
	Scales		7	min. height 14 mm.								
			7	TARE facility with zero function.								
									8	HOLD function to lock the weight.		
							9	MEMORY function, to keep the last				
				weight in memory.								
			10	The Scale should have inbuilt								
			10	rechargeable battery backup for minimum of 8 hrs.								
			-									
			11	The Scale should be as per BIS specifications. The scale should have								
			11	ISI mark								
	Urino			DI IIIIIK								
25	meter with		1	Dange of at least 1 000 1 000								
35	Thermom	3	1	Range of at least 1.000- 1.060								
	eter											
				Freezing point Osmometer with linear								
			1	measuring range between 0 and 3000								
36	Osmo-	1	1	mOsmol/kg with LCD screen for								
	meter	_		convenience in operation								
			2	Sample volume range should be 15 -								
1				50 ml.								

Pack age	37	Handheld Dynamom	1	1 2	maintenance kit for Trouble free operation and (iii) suitable stabilizer.  Measurement scale - 0 – 500 Newton  Accuracy load cell- 0,1% (maximum)		
				11	System should be complete with (i) consumables to run 500 samples including sample cups, calibrators, controls and (ii) recommended		
				10	Shall be offered with dedicated external quality control software covering calibration, control and result validation with full audit trail.		
				9	Quality management assistance shall be available for compliance with regulations.		
				8	Resolution of measurement should be one mOsmol/kg or better over the entire range of measurement; and reproducibility should be within 2mOsmol/kg or better over the range of 0 to 400 mOsmol/kg, and at least 4 mOsmol/kg in the range of 400 to 3000 mOsmol/kg.		
				7	Shall have automation with (i) initiation of the crystallization, (ii) detection of measuring value,(iii) storage and (iv) calibration for reproducible results.		
				6	Sample cooling with high capacity air cooled peltier, without need for cooling liquid for dissipation of heat, or involving maintenance.		
				5	Should have capability for measurement of crystallization temperature with high resolution for calculation of results precisely and with high repeatability.		
				4	Facility for selection of two or three point calibration with provision for automatic calibration. Calibration should be stable for long period.		
				3	Measurement within a minute for handling higher workloads and serial measurements.		

04		eter		3	Accuracy display- 0,1% (full scale)								
				4	Power- 2 pieces 544 6.2 volt batteries								
					Operation- One button (on/reset)								
				5	auto shut-off after 15 seconds								
				6	Display- 4-digit display with low battery-indication								
				7	Dimensions- Ca 150 x 85 x 85 mm								
				8	Weight -250grams								
				9	Delivered applicators finger applicator (to be used for little surfaces) -arm applicator (to be used for larger surfaces)								
					- flat applicator (to measure flat surfaces)								
				10	Available applicators - fist grip applicator  Pinch grip applicator  Pain pressure applicator								
				1	Type Hand-held Spirometer								
				2	Synonyms Spirometry Machine								
				3	Diagnostic Spirometer								
				4	Mode Automatic								
			1	1	1	1	1	1	1	5	Usage/Application Hospital/ Diagnostic Center/Clinic		
	38 Spiromete	2 1								1	6	Tests Performed FVC,FEV1,FEV1%,PEF,FEF25,FEF 75,FEF2575	
				7	Flow Range 1 L/S ~16L/S								
				8	Volume Accuracy +-3% or 0.05L								
				9	Flow Accuracy +-10% or +-0.3L/s								
				10	Volume range 0~10L								
				11	The supplier shall produce valid NMRA certificate for the quoted model.								
		Stadiomet		1	Material ABS and Aluminium								
	39	er	2	2	Measuring range up to 2.0 m								
				3	Graduation 1mm								
	40	Bicycle Ergo	2	1	Seat and handlebars: a seat and handlebars that are adjustable in								

		meter			height.		
				2	Resistance systems: a distinction is made between the classic magnetic resistance system (manual or motorized)		
				3	The console and measured parameters: the console is a kind of dashboard on the bike that gives the user real-time information on his or her performance.		
		Peak flow		1	EU - Standard		
		meter +		2	Yellow dial		
	41	Disposabl	2	3	At least 0-800 L per minute		
		e mouth pieces		4	Disposable mouth pieces		
		pieces		1	6 and 12-channel amplifiers		
				2	Recording electrodes		
		EMG-		3	Stimulating electrodes		
		ENG with ability to		4	Grounding electrode		
	_	perform	1	5	Junction box		
	42	visual and auditory Evoke	ual and litory oke	6	Ability to change the stimulating current		
		Potentials		7	The supplier shall produce valid NMRA certificate for the quoted model.		
				1	12 lead, 4 channel		
Pack				2	The unit shall be capable with 12 lead ECG acquisition		
age 05				3	The unit shall be selectable 3,6 or 12 leads of waveform		
				4	The unit shall be have filter for remove noise of ECG integrity		
	43	ECG Recorder-	1	5	The unit shall be supply with all necessary accessories		
		Recorder		6	The unit shall be supply with inbuilt thermal printer		
				7	The unit shall has 20 min battery backup for ECG acquisition		
				8	The Unit shall has LCD/LED Display		
			9	The unit shall operate on the power supply of 230V±10% 50 Hz single phases.			

				1	Should be rechargeable battery with		
					Charger / mains operated. Should have halogen / LED light		
				2	source		
				3	Should have red-free filters		
					Should have small and large spot		
				4	sizes, fixation targets, slit aperture,		
					hemi-spot and cobalt blue filter		
					Should have wheel control with lens		
				5	powers ranging from +20D to -35D in		
					single diopter steps up to 10D and 5D		
	45	Ophthalm	2		steps above that.		
	73	oscope	2	6	Should have illuminated lens dial.		
				7	Should have rubber brow rest.		
				8	Should have dust free optics and a		
					spherical optical system		
				9	Should be supplied with a carrying		
					If halogen lamp is used, then the		
				10	If halogen lamp is used, then the following additional accessories		
				10	should be supplied		
				11	Bulb – 1 no		
				12	Bulb holder		
				13	Bulb cover		
				13	The supplier shall produce valid		
				14	NMRA certificate for the quoted		
					model.		
				1	Die-cast housing of copper-		
				1	aluminum alloy, chrome coated		
				2	Measurement temperature without A		
	4.=		_		TC: 20 °C		
	46	Oroscope	1	3	Measurement temperature range with ATC: 10 °C – 30 °C		
					The supplier shall produce valid		
				4	NMRA certificate for the quoted		
					model		
				1	0-300 mmHg manometer		
		BP		2	Type - Mercury		
Pack		(Sphygmo			Supplied with Bladder, Bandage cuff		
age 07	47	manomete r) –	10	3	in Adult size, Control valve & Inflation bulb		
"		Mercury		4	Glass manometer tube		
				5	Mercury reservoir isolation valve		
		l	l		interestry reservoir isolation varve		

BP (Sphygmo manomete r) - Non-Mercury  BP (Sphygmo manomete r) - Non-Mercury  BP (Sphygmo manomete r) - Non-Mercury  BP Sphygmo manomete r - aneroid  BP (Sphygmo manomete r) - 1
Supplied with Bladder, Bandage cuff in Adult size, Control valve & Inflation bulb  Warranty – 01 Year  The supplier shall produce valid NMRA certificate for the quoted model.  1 0-300 mmHg manometer 2 Diameter –50 – 100 mm  Supplied with Bladder, Bandage cuff in Adult size cuffs – 1, extra-large cuffs -2, Paediatric cuffs -2, infant cuff -1  4 Control valve & Inflation bulb  Warranty – 01 Year
The supplier shall produce valid  NMRA certificate for the quoted model.  1 0-300 mmHg manometer 2 Diameter -50 - 100 mm Supplied with Bladder, Bandage cuff in Adult size cuffs-1, extra-large cuffs -2, Paediatric cuffs -2, infant cuff -1 4 Control valve & Inflation bulb 5 Warranty - 01 Year
The supplier shall produce valid  NMRA certificate for the quoted model.  1 0-300 mmHg manometer 2 Diameter -50 - 100 mm  Supplied with Bladder, Bandage cuff in Adult size cuffs-1, extra-large cuffs -2, Paediatric cuffs -2, infant cuff -1  4 Control valve & Inflation bulb 5 Warranty - 01 Year
BP sphygmo manomete r – aneroid  2 Diameter –50 – 100 mm  Supplied with Bladder, Bandage cuff in Adult size cuffs–1, extra-large cuffs -2, Paediatric cuffs -2, infant cuff -1  4 Control valve & Inflation bulb  5 Warranty – 01 Year
BP sphygmo manomete r – aneroid 1  BP Supplied with Bladder, Bandage cuff in Adult size cuffs–1, extra-large cuffs -2, Paediatric cuffs -2, infant cuff -1  4 Control valve & Inflation bulb 5 Warranty – 01 Year
BP sphygmo manomete r – aneroid  3 in Adult size cuffs– 1, extra-large cuffs -2, Paediatric cuffs -2, infant cuff -1  4 Control valve & Inflation bulb  5 Warranty – 01 Year
r – aneroid  4   Control valve & Inflation bulb  5   Warranty – 01 Year
5 Warranty – 01 Year
The supplier shall produce valid
6 NMRA certificate for the quoted model.
Chrome-plated. Dual-head chest 1 piece
48 mm chest-piece has white 2 diaphragm
50 Stethosco 10 3 Complete with 2 spare ear tips and a spare diaphragm
pe 4 Litman or equavelent
The supplier shall produce valid  NMRA certificate for the quoted model.
51 Knee hammer 5 1 standard
Tuning 1 Stainless Steal
52   fork set (128Hz, 256Hz & 512Hz)   2   Wide round base
Nylon monofila ment set for sensory testing  Nylon monofila 1 1 Size 1-5
Pack54Patient21Must be on wheels

age		Bed		2	Two of them should be lockable		
08				3	Side railings collapsible		
				4	Size shall be 6'x3' or equivalent		
					Head and Foot ends should be		
				5	protected		
				6	Head and Foot ends should be adjustable		
				1	The equipment shall be suitable for use on AC C mains 230V ± 10%, 50 Hz. The unit shall have special power supply for run the machine at least 1 hour without main power (UPS); the cost of such items shall be included.  Unit shall be able to function		
				2	optimally at ambient temperature of 18 -300 C and a humidity C of 20-85%		
				3	Optical System should be Colour - corrected infinity optical system		
	age   55   e(binocula	5	4	Binocular tube inclined at 30 degree ergonomic C angle for user comfort			
			5	Anti-fungal treatment on Binocular tube, eyepieces and objectives			
Pack age			6	Integrated, Plastic coated carrying handle for convenient and safe transport.			
09		r)		7	Plan ACHROMAT objectives, x4, x10, x40,x100(Oil)		
			8	Eyepieces x 10 with a field diameter of 18mm C with diopter adjustment on both eyepieces.			
				9	Built- in Modular type transmitted illumination C base.		
				10	Illumination 6V/30W halogen bulb or 6V/3W LED with "pre-centered" lamp mount for easy C lamp changing with intensity control. The lamp life time should be at least 50000 h.		
			11	Quadruple reverse nosepiece tilted backwards ( to accommodate 4 objectives) with precision C click stops for easy rotation.			

	Coarse and fine focusing adjustment		
12	knobs with C full stroke range 25mm.		
13	Tension adjustment on coarse focus adjustment knob.		
14	Stage size at least 140 x 135 mm.		
15	Stage handles with tactile grips for a light stage movement.		
16	Stage available with either Right hand or left hand operation.		
17	Stage traveling range at least 75mm(X) x C 30mm(Y)		
18	Interpupillary distance adjustment range should C be at least 48 -75mm or better.		
19	Abbe condenser with built- in daylight filter with built-in aperture iris diaphragm and a Numerical C aperture 1.25 with oil immersion.		
20	Observation through microscope should be with C hands resting on the table with focus controls, stage movement knobs and light intensity control knob close together for fatigue free observation for long hours (with no arm rests)		
	General Conditions		
1	The equipment should be re- focusing stopper for any slide thickness variations.		
2	The unit shall operate on the power supply of C 230V±10°/o 50 Hz single phases.		
3	The unit shall have a compatible uninterrupted power supply. The cost of such item shall be quoted separately		
4	Each unit shall be supplied with an instruction C manual and a service manual in English.		
5	Full graphic illustrated original technical literature in English describing the equipment offered and C detailing the specifications shall be supplied with the bid.,		

6	A detailed proforma invoice of the equipment C describing the parts and accessories offered as requested by the specification together with their make, model, country of origin, unit price, quantity, total price, ref. numbers of accessories and the period of warranty offered etc. shall be compulsorily provided with the bid		
7	The Consumables & fast-moving spare parts prices shall be quoted separately& shall be valid for a C period of at least for 5 years (Euro or USD Price list).		
8	A list of users if any, in Sri Lanka of the equipment offered shall be provided together with the date of supply		
9	If the model is not available in Government Hospitals in Sri Lanka, a sample unit shall be submitted for evaluation when requested		
10	The supplier shall produce valid NMRA certificate for the quoted model.		

## Section VII Contract Data

The Following Contract Data Shall supplements and / or amends the conditions of contract (CC). Whenever there is a conflict, the provisions herein shall prevail over those in the CC.

CC1.1 (i)	The Purchaser is: Uva Wellassa University of Sri Lanka
CC 1.1 (m)	The Project Site(s) / Final Destinations (s) is / are :- Uva Wellassa University, Passara Road, Badulla
CC 8.1	For notices, the purchaser's address Attention: - Deputy Bursar, Stores and Supplies Address: - Uva Wellassa University of Sri Lanka, Passara Road, Badulla Telephone: - 055-2226475
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:  A: For Goods offered within Sri Lanka Payment shall be made in Sri Lanka 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.  (i) On Delivery: up to a maximum of ninety (90) percentage of the Contract price, shall be paid on receipt of the Goods.  (ii) On Acceptance: the remaining ten(10) percentage of the Contract price Shall be paid to the Supplier within ninety (90) days. After the certification of acceptance.
CC 17.1	A Performance Security – 10%
CC 26.1	The liquidated damage shall be: 2% per week
CC 26.1	The maximum amount of liquidated damages shall be : 10%

## INVITAION TO BIDS UVA WELLASSA UNIVERSITY



## Supply, Delivery, Installation and Commissioning of Laboratory Equipment for Faculty of Medicine, Uva Wellassa University

## UWU/G/NCB/FOM/23/01

The Chairman, Department Procurement Committee, on behalf of the Uva Wellassa University, invites sealed bids from eligible and qualified bidders for **Supply**, **Delivery**, **Installation and Commissioning of Laboratory Equipment for Faculty of Medicine**, **Uva Wellassa University** as described below.

- **1.** Bidding will be conducted through the National Competitive Bidding (NCB) procedure.
- 2. Bidder should have at least three years of experience in the relevant field in Sri Lanka.
- **3.** Interested eligible bidders may obtain further information from the Deputy Bursar / Stores and 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 a.m. to 3.00 p.m. from 28.08.2023 to 18.09.2023
- 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/ Stores and Supplies, Uva Wellassa University, Passara Road, Badulla and upon payment of a non-refundable fee of LKR 8,000.00 in cash at the Shroff Counter of the University. The bidder can also download the biding documents from the University website <a href="https://www.uwu.ac.lk">www.uwu.ac.lk</a>. 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 LKR 8,000.00 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 customer copy of the cash receipt/deposit slip to be attached with the bidding documents. The documents may be purchased until 18.09.2023

- 5. Bids must be delivered to Chairman, Department Procurement Committee, Uva Wellassa University, Passara Road, Badulla, on or before 2.30 p.m. on 19<sup>th</sup> September 2023 Please indicate the "Supply, Delivery, Installation and Commissioning of Laboratory Equipment for Faculty of Medicine, Uva Wellassa University" 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 specified in the following table.

Туре	Item No	Name of the Item	Qty (Nos)	Bid Security (Rs.)
	1	Auto clave (Bench top)	2	267,600.00
	2	Digital Top Loading balance	2	
	3	Analytical balance	1	
	4	Bunsen Burners	20	
	5	Centrifuge machine (15ml and 50ml Tubes)	1	
	6	Centrifuge machine – Eppendorf (microcentrifuge) tubes	1	
	7	Cyclo/ Vortex mixer	2	
	8	Distillation water plant	1	
	9	Magnetic stirrers With hot plate	3	
<b>9</b> .	10	(2-20) µl Micro pipettes	5	
	11	(20-200) µl Micro pipettes	5	
Package 01	12	(100-1000) µl Micro pipettes	5	
	13	(0.5-10) µl Micro pipettes	2	
	14	Hot Air Oven	2	
	15	pH meter( bench top)	3	
	16	Double beam Spectrophotometer (UV/Visible) with 5 cuvettes	1	
	17	Water bath (Boiling)	1	
	18	Vacuumed Pump	2	
	19	Heating Mantle 500ml	1	
	20	Heating Mantle 1000ml	1	
	21	Urine Strip Reader	1	
Package 02	22	Refrigerator ( standard) for chemicals and reagent storing	2	33,000.00
	23	Freezer (small)	1	

Package 03	24	Centrifuge - Microhematocrit centrifuge	1	60,000.00
	25	Centrifuge - Ordinary electric	1	
	26	Micro-hematocrit reader	5	
	27	Glucometer with strips	2	
	28	Micropipette (1μl – 10μl) + 100 Pipette Tips	2	
	29	Micropipette (10μl – 100μl) + 100 Pipette Tips	2	
	30	Micropipette (1μl – 1000μl) + 100 Pipette Tips	2	
	31	Neubauer counting chamber	3	
	32	Cover slips for counting chamber	10	
	33	Digital Stirred Stainless Steel Water Bath	4	
	34	Weighing Scales	2	
	35	Urino Meter with Thermometer	3	
	36	Osmo-meter	1	
	37	Handheld Dynamometer	1	10,200.00
Package 04	38	Spirometer	1	
	39	Stadiometer	2	
	40	Bicycle Ergo meter	2	
	41	Peak flow meter + Disposable mouth pieces	2	
Package 05	42	EMG- ENG with ability to perform visual and Auditory Evoke Potentials	1	12,000.00
Pacl 0	43	ECG Recorder	1	
و	44	Audio meter	1	53,200.00
ckage 06	45	Ophthalmoscope	2	
Pac	46	Oroscope	1	
age	47	BP (Sphygmomanometer) – Mercury	10	10,000.00
	48	BP (Sphygmomanometer) - Non- Mercury	5	
	49	BP sphygmomanometer – aneroid	1	
Package 07	50	Stethoscope	10	
Pa	51	Knee hammer	5	
	52	Tuning fork set (128Hz, 256Hz & 512Hz)	3	
	53	Nylon monofilament set for sensory testing	1	

Package 08	54	Patient Bed	2	9,000.00
Package 09	55	Light Microscope ( Binocular)	5	45,000.00

- 7. Pre Bid meeting will be held at **10.00 a.m. on 12<sup>th</sup> September 2023**, at the Office of the Faculty of Medicine, Uva Wellassa University.
- 8. The bids shall be deposited in the 'Tender Box' available in the Office of the Registrar of the University, or sent under Registered Cover to be received before the deadline to the address given in 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 Mini Boardroom, Senate Building of the Uva Wellassa University.

Chairman
Department Procurement Committee
Uva Wellassa University
Passara Road
Badulla

Tel/ Fax No: 055-2226475, 055-2226633