

STANDARD BIDDING DOCUMENT

Procurement of Goods

Single-Stage: One-Envelope Bidding Procedure

For projects governed by
Procurement Regulations for ADB Borrowers: Goods,
Works, non-consulting and
Consulting Services (2021)

Asian Development Bank

December 2022

BIDDING DOCUMENT

PROCUREMENT OF LABORATORY EQUIPMENT FOR ANALYTICAL PHYSICS LABS FACULTY OF TECHNOLOGY - SABARAGAMUWA UNIVERSITY OF SRI LANKA

**Single-Stage: One-Envelope
Bidding Procedure**

Issued on: 14/08/2023

Invitation for Bids No.: **M O E / S T H R D / S B / E 1 1 A**

OCB No.: **M O E / S T H R D / S B / E 1 1 A**

Purchaser: Deputy Project Director

STHRD Project

Faculty of Technology

Sabaragamuwa University of Sri Lanka

Belihuloya

Country: Sri Lanka

Preface

This Bidding Document for Procurement of Goods has been prepared by Project Implementation Unit of STHRD Project, Faculty of Technology, Sabaragamuwa University of Sri Lanka, Belihuloya and is based on the Standard Bidding Document for the Procurement of Goods issued by the Asian Development Bank dated June 2018.

This document reflects the structure and the provisions of the Master Procurement Document for the Procurement of Goods, except where specific considerations within the Asian Development Bank have required a change.

Table of Contents

PART I – Bidding Procedures

Section 1.	Instructions to Bidders	1-1
Section 2.	Bid Data Sheet	2-1
Section 3.	Evaluation and Qualification Criteria	3-1
Section 4.	Bidding Forms	4-1
Section 5.	Eligible Countries	5-1

PART II – Supply Requirements

Section 6.	Schedule of Supply	6-1
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PART III – Conditions of Contract and Contract Forms

Section 7.	General Conditions of Contract.....	7-1
Section 8.	Special Conditions of Contract.....	8-1
Section 9.	Contract Forms	9-1

Section 1: Instructions to Bidders

Table of Contents

A.	General.....	1-3
1.	Scope of Bid	1-3
2.	Source of Funds	1-3
3.	Fraud and Corruption	1-3
4.	Eligible Bidders.....	1-6
5.	Eligible Goods and Related Services	1-7
B.	Contents of Bidding Document.....	1-8
6.	Sections of the Bidding Document	1-8
7.	Clarification of Bidding Document	1-8
8.	Amendment of Bidding Document.....	1-9
C.	Preparation of Bids	1-9
9.	Cost of Bidding	1-9
10.	Language of Bid	1-9
11.	Documents Comprising the Bid.....	1-9
12.	Bid Submission Sheet and Price Schedules	1-10
13.	Alternative Bids.....	1-10
14.	Bid Prices and Discounts.....	1-10
15.	Currencies of Bid	1-12
16.	Documents Establishing the Eligibility of the Bidder	1-12
17.	Documents Establishing the Eligibility of the Goods and Related Services.....	1-12
18.	Documents Establishing the Conformity of the Goods and Related Services to the Bidding Document	1-12
19.	Documents Establishing the Qualifications of the Bidder.....	1-12
20.	Period of Validity of Bids.....	1-13
21.	Bid Security/Bid-Securing Declaration	1-13
22.	Format and Signing of Bid.....	1-14
D.	Submission and Opening of Bids	1-15
23.	Sealing and Marking of Bids.....	1-15
24.	Deadline for Submission of Bids	1-15
25.	Late Bids.....	1-16
26.	Withdrawal, Substitution, and Modification of Bids	1-16
27.	Bid Opening.....	1-16
E.	Evaluation and Comparison of Bids	1-17
28.	Confidentiality	1-17
29.	Clarification of Bids.....	1-17
30.	Deviations, Reservations, and Omissions.....	1-18
31.	Determination of Responsiveness.....	1-18
32.	Nonmaterial Nonconformities	1-18
33.	Correction of Arithmetical Errors	1-19
34.	Conversion to Single Currency.....	1-19
35.	Domestic Preference	1-19

36.	Evaluation and Comparison of Bids	1-19
37.	Abnormally Low Bids.....	1-20
38.	Postqualification of the Bidder	1-21
39.	Purchaser's Right to Accept Any Bid, and to Reject Any or All Bids	1-21
40.	Notice of Intention for Award of Contract	1-21

F. Award of Contract1-21

41.	Award Criteria	1-21
42.	Purchaser's Right to Vary Quantities at Time of Award.....	1-22
43.	Notification of Award	1-22
44.	Signing of Contract.....	1-22
45.	Performance Security.....	1-23
46.	Bidding-Related Complaints	1-23

A. General

- 1. Scope of Bid**
 - 1.1 In connection with the Invitation for Bids (IFB) indicated in the Bid Data Sheet (BDS), the Purchaser, as indicated in the BDS, issues this Bidding Document for the supply of Goods and Related Services incidental thereto as specified in Section 6 (Schedule of Supply). The name, identification, and number of lots of the open competitive bidding (OCB) are provided in the BDS.
 - 1.2 Throughout this Bidding Document,
 - (a) the term “in writing” means communicated in written form and delivered against receipt;
 - (b) except where the context requires otherwise, words indicating the singular also include the plural and words indicating the plural also include the singular; and
 - (c) “day” means calendar day.
- 2. Source of Funds**
 - 2.1 The Borrower or Recipient (hereinafter called “Borrower”) indicated in the BDS has applied for or received financing (hereinafter called “funds”) from the Asian Development Bank (hereinafter called “ADB”) toward the cost of the project named in the BDS. The Borrower intends to apply a portion of the funds to eligible payments under the contract(s) for which this Bidding Document is issued.
 - 2.2 Payments by ADB will be made only at the request of the Borrower and upon approval by ADB in accordance with the terms and conditions of the Financing Agreement between the Borrower and ADB (hereinafter called the Financing Agreement), and will be subject in all respects to the terms and conditions of that Financing Agreement. No party other than the Borrower shall derive any rights from the Financing Agreement or have any claim to the funds.
- 3. Fraud and Corruption**
 - 3.1 ADB requires Borrowers (including beneficiaries of ADB-financed activity) and their personnel, as well as firms and individuals participating in an ADB-financed activity, including but not limited to, Bidders, Suppliers, and Contractors, agents, subcontractors, subconsultants, service providers, sub suppliers, manufacturers (including their respective officers, directors, employees and personnel) under ADB-financed contracts to observe the highest standard of ethics during the procurement and execution of such contracts in accordance with ADB’s Anticorruption Policy (1998, as amended from time to time). In pursuance of this policy, ADB
 - (a) defines, for the purposes of this provision, the terms set forth below as follows:
 - (i) “Corrupt practice” means the offering, giving, receiving, or soliciting, directly or indirectly, anything of value to influence improperly the actions of another party;
 - (ii) “fraudulent practice” means any act or omission, including a misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain a financial or other benefit or to avoid an obligation;

- (iii) "Coercive practice" means impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence improperly the actions of a party;
 - (iv) "Collusive practice" means an arrangement between two or more parties designed to achieve an improper purpose, including influencing improperly the actions of another party;
 - (v) "abuse" means theft, waste, or improper use of assets related to ADB-related activity, either committed intentionally or through reckless disregard;
 - (vi) "Conflict of interest" means any situation in which a party has interests that could improperly influence that party's performance of official duties or responsibilities, contractual obligations, or compliance with applicable laws and regulations; and
 - (vii) "Integrity violation" is any act, as defined under ADB's Integrity Principles and Guidelines (2015, as amended from time to time), which violates ADB's Anticorruption Policy, including (i) to (vi) above and the following: obstructive practice, violations of ADB sanctions, retaliation against whistleblowers or witnesses, and other violations of ADB's Anticorruption Policy, including failure to adhere to the highest ethical standard.
- (b) will reject a proposal for award if it determines that the Bidder recommended for award or any of its officers, directors, employees, personnel, subconsultants, subcontractors, service providers, suppliers or manufacturers has, directly or through an agent, engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices or other integrity violations in competing for the Contract;
 - (c) will cancel the portion of the financing allocated to a contract if it determines at any time that representatives of the Borrower or of a beneficiary of ADB-financing engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices or other integrity violations during the procurement or the execution of that contract, without the Borrower having taken timely and appropriate action satisfactory to ADB to remedy the situation, including by failing to inform ADB in a timely manner at the time they knew of the integrity violations;
 - (d) will impose remedial actions on a firm or an individual, at any time, in accordance with ADB's Anticorruption Policy and Integrity Principles and Guidelines, including declaring ineligible, either indefinitely or for a stated period of time, to participate¹ in ADB-financed, -administered, or -supported activities or to benefit from an ADB-financed, -administered, or -supported contract, financially or otherwise, if it at any time determines that the firm or individual has, directly or through an agent, engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices or other integrity violations; and

¹ Whether as a Contractor, Subcontractor, Consultant, Manufacturer or Supplier, or Service Provider; or in any other capacity (different names are used depending on the particular Bidding Document).

- (e) will have the right to require that a provision be included in bidding documents and in contracts financed, administered, or supported by ADB, requiring Bidders, suppliers and contractors, consultants, manufacturers, service providers and other third parties engaged or involved in ADB-related activities, and their respective officers, directors, employees and personnel, to permit ADB or its representative to inspect the site and their assets, accounts and records and other documents relating to the bid submission and contract performance and to have them audited by auditors appointed by ADB.
- 3.2 All Bidders, consultants, contractors, suppliers, manufacturers, service providers, and other third parties engaged or involved in ADB-related activities, and their respective officers, directors, employees and personnel, are obliged to cooperate fully in any investigation when requested by ADB to do so. As determined on a case by case basis by ADB, such cooperation includes, but is not limited to, the following:
- (a) being available to be interviewed and replying fully and truthfully to all questions asked;
 - (b) providing ADB with any items requested that are within the party's control including, but not limited to, documents and other physical objects;
 - (c) upon written request by ADB, authorizing other related entities to release directly to ADB such information that is specifically and materially related, directly or indirectly, to the said entities or issues which are the subject of the investigation;
 - (d) cooperating with all reasonable requests to search or physically inspect their person and/or work areas, including files, electronic databases, and personal property used on ADB activities, or that utilizes ADB's Information and Communication Technology (ICT) resources or systems (including mobile phones, personal electronic devices, and electronic storage devices such as external disk drives);
 - (e) cooperating in any testing requested by ADB, including but not limited to, fingerprint identification, handwriting analysis, and physical examination and analysis; and
 - (f) preserving and protecting confidentiality of all information discussed with, and as required by, ADB.
- 3.3 All Bidders, consultants, contractors and suppliers shall require their officers, directors, employees, personnel, agents to ensure that, in its contracts with its subconsultants, Subcontractors and other third parties engaged or involved in ADB-related activities, such subconsultants, Subcontractors and other third parties similarly are obliged to cooperate fully in any investigation when requested by ADB to do so.
- 3.4 The Purchaser hereby puts the Bidder on notice that the Bidder or any Joint Venture partner of the Bidder (if any) may not be able to receive any payments under the Contract if the Bidder or any of its Joint Venture partners, as appropriate, is, or is owned (in whole or in part) by a person or entity subject to applicable sanctions.
- 3.5 Furthermore, Bidders shall be aware of the provision stated in Subclause 3.2 and Subclause 35.1 (a)(iii) of the General Conditions of Contract.

- 4. Eligible Bidders**
- 4.1 A Bidder may be a natural person, private entity, or government-owned enterprise subject to ITB 4.5-or any combination of them with a formal intent to enter into an agreement or under an existing agreement in the form of a Joint Venture. In the case of a Joint Venture,
- (a) all parties to the Joint Venture shall be jointly and severally liable; and
 - (b) the Joint Venture shall nominate a representative who shall have the authority to conduct all businesses for and on behalf of any and all the parties of the Joint Venture during the bidding process and, in the event the Joint Venture is awarded the Contract, during contract execution.
- 4.2 A Bidder, and all parties constituting the Bidder, shall have the nationality of an eligible country, in accordance with Section 5 (Eligible Countries). A Bidder shall be deemed to have the nationality of a country if the Bidder is a citizen or is constituted, incorporated, or registered, and operates in conformity with the provisions of the laws of that country. This criterion shall also apply to the determination of the nationality of proposed subcontractors or suppliers for any part of the Contract, including related services.
- 4.3 A Bidder shall not have a conflict of interest. All Bidders found to have a conflict of interest shall be disqualified. A Bidder may be considered to be in a conflict of interest with one or more parties in this bidding process if any of, including but not limited to, the following apply:
- (a) they have controlling shareholders in common; or
 - (b) they receive or have received any direct or indirect subsidy from any of them; or
 - (c) they have the same legal representative for purposes of this Bid; or
 - (d) they have a relationship with each other, directly or through common third parties, that puts them in a position to have access to material information about or improperly influence the Bid of another Bidder, or influence the decisions of the Purchaser regarding this bidding process; or
 - (e) a Bidder participates in more than one bid in this bidding process, either individually or as a partner in a Joint Venture, except for alternative offers permitted under ITB 13. This will result in the disqualification of all Bids in which it is involved. However, subject to any finding of a conflict of interest in terms of ITB 4.3(a)–(d) above, this does not limit the participation of a Bidder as a subcontractor in another bid or of a firm as a subcontractor in more than one Bid; or
 - (f) a Bidder, Joint Venture partner, associates, parent company or any affiliated entity, participated as a consultant in the preparation of the design or technical specifications of the goods and services that are the subject of the Bid; or

- (g) a Bidder was affiliated with a firm or entity that has been hired (or is proposed to be hired) by the Purchaser or Borrower as Project Manager for the contract; or
- (h) a Bidder would be providing goods, works, or nonconsulting services resulting from or directly related to consulting services for the preparation or implementation of the project specified in the BDS ITB 2.1 that it provided or were provided by any affiliate that directly or indirectly controls, is controlled by, or is under common control with that firm; or
- (i) A Bidder that has a financial or familial relationship with staff of the Purchaser including project implementing/executing agency, or of a recipient of a part of the loan who: (i) are directly or indirectly involved in the preparation of the bidding documents or specifications of the contract, and/or the bid evaluation process of such contract; or (ii) would be involved in the implementation or supervision of such contract unless the conflict stemming from such relationship has been resolved in a manner acceptable to ADB throughout the procurement process and execution of the contract.

4.4 A firm will not be eligible to participate in any procurement activities under an ADB-financed, -administered, or -supported project while under temporary suspension or debarment by ADB pursuant to its Anticorruption Policy (see ITB 3), whether such debarment was directly imposed by ADB, or enforced by ADB pursuant to the Agreement for Mutual Enforcement of Debarment Decisions. A bid from a temporarily suspended or debarred firm will be rejected and such bid may be in breach of debarment conditions, thereby subject to further ADB's investigation.

4.5 Government-owned enterprises in the Purchaser's country shall be eligible only if they can establish that they (i) are legally and financially autonomous, (ii) operate under commercial law, and (iii) are not dependent agencies of the Purchaser.

4.6 A Bidder shall not be under suspension from Bidding by the Purchaser as a result of the execution of a Bid-Securing Declaration.

4.7 Bidders shall provide such evidence of their continued eligibility satisfactory to the Purchaser, as the Purchaser shall reasonably request.

4.8 Bidders shall be excluded if, by an act of compliance with a decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations, the Borrower's country prohibits any import of goods from, or payments to, a particular country, person or entity in respect of goods or services originating in that country. Where the Borrower's country prohibits payments to a particular person or entity or for particular goods or services by such an act of compliance, that firm shall be excluded.

5. Eligible Goods and Related Services

5.1 All Goods and Related Services to be supplied under the Contract and financed by ADB, shall have their country of origin in eligible source countries as defined in ITB 4.2, and all expenditures under the Contract will be limited to such Goods and Related Services.

- 5.2 For purposes of this clause, the term “goods” includes commodities, raw material, machinery, equipment, and industrial plants; and “related services” includes services such as insurance, transportation, installation, commissioning, training, and initial maintenance.
- 5.3 The term “country of origin” means the country where the goods have been mined, grown, cultivated, produced, manufactured, or processed; or through manufacture, processing, or assembly, another commercially recognized article results that differs substantially in its basic characteristics from its imported components.
- 5.4 The nationality of the firm that produces, assembles, distributes, or sells the goods shall not determine their origin.

B. Contents of Bidding Document

6. **Sections of the Bidding Document** 6.1 The Bidding Document consists of Parts I, II, and III, which include all the sections indicated below, and should be read in conjunction with any addenda issued in accordance with ITB 8.

PART I Bidding Procedures

- Section 1 Instructions to Bidders (ITB)
- Section 2 Bid Data Sheet (BDS)
- Section 3 Evaluation and Qualification Criteria (EQC)
- Section 4 Bidding Forms (BDF)
- Section 5 Eligible Countries (ELC)

PART II Supply Requirements

- Section 6 Schedule of Supply (SS)

PART III Conditions of Contract and Contract Forms

- Section 7 General Conditions of Contract (GCC)
- Section 8 Special Conditions of Contract (SCC)
- Section 9 Contract Forms (COF)

- 6.2 The IFB issued by the Purchaser is not part of the Bidding Document.
- 6.3 The Purchaser is not responsible for the completeness of the Bidding Document and its addenda, if they were not obtained directly from the source stated by the Purchaser in the IFB.
- 6.4 The Bidder is expected to examine all instructions, forms, terms, and specifications in the Bidding Document. Failure to furnish all information or documentation required by the Bidding Document, may result in the rejection of the Bid.
7. **Clarification of Bidding Document** 7.1 A prospective Bidder requiring any clarification on the Bidding Document shall contact the Purchaser in writing at the Purchaser's address indicated in the BDS. The Purchaser will respond in writing to any request for clarification, provided that such request is received no later than 21 days prior to the deadline for submission of Bids. The Purchaser shall forward copies of its response to all Bidders who have acquired the Bidding Document in accordance with ITB 6.3, including

a description of the inquiry but without identifying its source. Should the Purchaser deem it necessary to amend the Bidding Document as a result of a clarification, it shall do so following the procedure under ITB 8 and ITB 24.2.

- 8. Amendment of Bidding Document**
- 8.1 At any time prior to the deadline for submission of the Bids, the Purchaser may amend the Bidding Document by issuing addenda.
- 8.2 Any addendum issued shall be part of the Bidding Document and shall be communicated in writing to all who have obtained the Bidding Document directly from the Purchaser in accordance with ITB 6.3.
- 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 the Bids, pursuant to ITB 24.2.

C. Preparation of Bids

- 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 in no case 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 exchanged by the Bidder and the Purchaser, shall be written in the language specified in the BDS. Supporting documents and printed literature that are part of the Bid may be in another language provided they are accompanied by an accurate translation of the relevant passages in the language specified in the BDS, in which case, for purposes of interpretation of the Bid, such translation shall govern.
- 11. Documents Comprising the Bid**
- 11.1 The Bid shall comprise the following:
- (a) Bid Submission Sheet and the applicable Price Schedules, in accordance with ITB 12, ITB 14, and ITB 15;
 - (b) Bid Security or Bid-Securing Declaration, in accordance with ITB 21;
 - (c) alternative Bids, if permissible, in accordance with ITB 13;
 - (d) written confirmation authorizing the signatory of the Bid to commit the Bidder, in accordance with ITB 22;
 - (e) documentary evidence in accordance with ITB 16, establishing the Bidder's eligibility to bid;
 - (f) documentary evidence in accordance with ITB 17, that the Goods and Related Services to be supplied by the Bidder are of eligible origin;
 - (g) documentary evidence in accordance with ITB 18 and ITB 31, that the Goods and Related Services conform to the Bidding Document;
 - (h) documentary evidence in accordance with ITB 19, establishing the Bidder's qualifications to perform the contract if its Bid is accepted; and

- (i) any other document required in the BDS.
- 12. Bid Submission Sheet and Price Schedules**
- 12.1 The Bidder shall submit the Bid Submission Sheet using the form furnished in Section 4 (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.
- 12.2 The Bidder shall submit the Price Schedules for Goods and Related Services, according to their origin as appropriate, using the forms furnished in Section 4 (Bidding Forms) and as required in the BDS.
- 13. Alternative Bids**
- 13.1 Unless otherwise indicated in the BDS, alternative Bids shall not be considered.
- 14. Bid Prices and Discounts**
- 14.1 The prices and discounts quoted by the Bidder in the Bid Submission Sheet and in the Price Schedules shall conform to the requirements specified below.
- 14.2 All items in the Schedule of Supply 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. Items not listed in the Price Schedule shall be assumed not to be included in the Bid, and provided that the Bid is substantially responsive, the corresponding adjustment shall be applied in accordance with ITB 32.3. Unit rates and prices for all items in the Schedule of Supply shall be expressed in positive values. If unit rates and prices are expressed in negative values, the bid will be rejected.
- 14.3 The price to be quoted in the Bid Submission Sheet shall be the total price of the Bid excluding any discounts offered. Absence of the total bid price in the Bid Submission Sheet may result in the rejection of the Bid.
- 14.4 The Bidder shall quote discounts and the methodology for their application in the Bid Submission Sheet.
- 14.5 The terms EXW, CIF, CIP, and other similar terms shall be governed by the rules prescribed in the current edition of Incoterms, published by the International Chamber of Commerce, at the date of the Invitation for Bids or as specified in the BDS.
- 14.6 Prices shall be quoted as specified in each Price Schedule included in Section 4 (Bidding Forms). The disaggregation of price components is required solely for the purpose of facilitating the comparison of Bids by the Purchaser. This shall not in any way limit the Purchaser's right to contract on any of the terms offered
- (a) for Goods offered from within the Purchaser's country:
- (i) the price of the goods quoted EXW (ex-works, ex-factory, ex-warehouse, ex-showroom, or off-the-shelf, as applicable), including all customs duties and sales and other taxes already paid or payable on the components and raw material used in the manufacture or assembly of goods quoted ex works or ex-factory, or on the previously

- imported goods of foreign origin quoted ex warehouse, ex showroom, or off-the-shelf;
 - (ii) sales tax and all other taxes applicable in the Purchaser's country and payable on the Goods if the Contract is awarded to the Bidder; and
 - (iii) the total price for the item.
- (b) for Goods offered from outside the Purchaser's country:
- (i) the price of the goods quoted CIF (named port of destination), or CIP (border point), or CIP (named place of destination), in the Purchaser's country, as specified in the BDS;
 - (ii) the price of the goods quoted FOB port of shipment (or FCA, as the case may be), if specified in the BDS; and
 - (iii) the total price for the item.
- (c) for Related Services whenever such are specified in the Schedule of Supply:
- (i) the local currency cost component of each item comprising the Related Services; and
 - (ii) the foreign currency cost component of each item comprising the Related Services, inclusive of all customs duties, sales and other similar taxes applicable in the Purchaser's country, payable on the Related Services, if the Contract is awarded to the Bidder.
- 14.7 Prices quoted by the Bidder shall be fixed during the Bidder's performance of the Contract and not subject to variation on any account, unless otherwise specified in the BDS. A Bid submitted with an adjustable price quotation shall be treated as nonresponsive and shall be rejected, pursuant to ITB 31. If in accordance with the BDS, prices quoted by the Bidder shall be subject to adjustment during the performance of the Contract in accordance with Clause 15.2 of the General Conditions of Contract in Section 7, a Bid submitted with a fixed price will also be treated as nonresponsive and be rejected.
- 14.8 If so indicated pursuant to ITB 1.1, Bids are being invited for individual contracts (lots) or for any combination of contracts (packages). 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 discount for the award of more than one Contract shall specify in their bid the price discount applicable to each package, or alternatively, to individual Contracts within the package. Price discounts shall be submitted in accordance with ITB 14.4, provided the bids for all lots are submitted and opened at the same time.

15. Currencies of Bid

- 15.1 Bid prices shall be quoted in the following currencies:
- (a) Bidders may express their bid price in any freely convertible currency. If a Bidder wishes to be paid in a combination of

- amounts in different currencies, it may quote its price accordingly.
- (b) If some of the expenditures for the Related Services are to be incurred in the borrowing country, such expenditures should be expressed in the Bid and will be payable in the Purchaser's currency.
- 16. Documents Establishing the Eligibility of the Bidder**
- 16.1 To establish their eligibility in accordance with ITB 4, Bidders shall
- (a) complete the eligibility declarations in the Bid Submission Sheet, included in Section 4 (Bidding Forms); and
- (b) if the Bidder is an existing or intended Joint Venture in accordance with ITB 4.1, submit a copy of the Joint Venture Agreement, or a letter of intent to enter into such an agreement. The respective document shall be signed by all legally authorized signatories of all the parties to the existing or intended Joint Venture, as appropriate.
- 17. Documents Establishing the Eligibility of the Goods and Related Services**
- 17.1 To establish the eligibility of the Goods and Related Services, in accordance with ITB 5, Bidders shall complete the country-of-origin declarations in the Price Schedule Forms included in Section 4 (Bidding Forms).
- 18. Documents Establishing the Conformity of the Goods and Related Services to the Bidding Document**
- 18.1 To establish the conformity of the Goods and Related Services to the Bidding Document, the Bidder shall furnish as part of its Bid documentary evidence that the Goods and Related Services conform to the requirements specified in Section 6 (Supply of Supply).
- 18.2 The documentary evidence may be in the form of literature, drawings, or data, and shall consist of a detailed item-by-item description of the essential technical and performance characteristics of the Goods and Related Services, demonstrating substantial responsiveness of the Goods and Related Services to those requirements, and if applicable, a statement of deviations and exceptions to the provisions of Section 6 (Schedule of Supply).
- 18.3 Standards for workmanship, process, material, and equipment, as well as references to brand names or catalogue numbers specified by the Purchaser in Section 6 (Schedule of Supply), are intended to be descriptive only and not restrictive. The Bidder may offer other standards of quality, brand names, and/or catalogue numbers, provided that it demonstrates, to the Purchaser's satisfaction, that the substitutions ensure substantial equivalence or are superior to those specified in Section 6 (Schedule of Supply).
- 19. Documents Establishing the Qualifications of the Bidder**
- 19.1 The documentary evidence of the Bidder's qualifications to perform the contract, if its bid is accepted, shall establish to the Purchaser's satisfaction that the Bidder meets each of the qualification criterion specified in Section 3 (Evaluation and Qualification Criteria).
- 19.2 If so required in the BDS, 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 4 (Bidding Forms) to

demonstrate that it has been duly authorized by the manufacturer or producer of the Goods to supply these Goods in the Purchaser's country.

- 19.3 If so required in the BDS, a Bidder that does not conduct business within the Purchaser's country shall submit evidence that it will be represented by an agent in the country 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.
- 20. Period of Validity of Bids**
- 20.1 Bids shall remain valid for the bid validity period specified in the BDS. The bid validity period starts from the date fixed for the bid submission deadline date prescribed by the Purchaser in accordance with ITB 24.1. A Bid valid for a shorter period shall be rejected by the Purchaser as nonresponsive.
- 20.2 In exceptional circumstances, prior to the expiration of the bid validity period, 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 21, it shall also be extended 28 days beyond the deadline of the extended bid validity period. A Bidder may refuse the request without forfeiting its Bid Security. A Bidder granting the request shall not be required or permitted to modify its Bid.
- 21. Bid Security/ Bid-Securing Declaration**
- 21.1 Unless otherwise specified in the BDS, the Bidder shall furnish as part of its Bid, in original form, either a Bid-Securing Declaration or a bid security as specified in the BDS. In the case of a bid security, the amount and currency shall be as specified in the BDS.
- 21.2 If a Bid-Securing Declaration is required pursuant to ITB 21.1, it shall use the form included in Section 4 (Bidding Forms). The Purchaser will declare a Bidder ineligible to be awarded a Contract for a specified period of time, as indicated in the BDS, if a Bid-Securing Declaration is executed.
- 21.3 If a bid security is specified pursuant to ITB 21.1, the bid security shall be, at the Bidder's option, in any of the following forms:
- (a) an unconditional bank guarantee (hard copy of the bank guarantee or in the form of SWIFT message MT760), or
 - (b) an irrevocable letter of credit, or
 - (c) a cashier's or certified check.
- all from a reputable source from an eligible country as described in Section 5 (Eligible Countries). In the case of a bank guarantee, the bid security shall be submitted either using the Bid Security Form included in Section 4 (Bidding Forms), or another form acceptable to the Purchaser. The form must include the complete name of the Bidder. The bid security shall be valid for 28 days beyond the original validity period of the bid, or beyond any period of extension if requested under ITB 20.2.

- 21.4 Unless otherwise specified in the BDS, any bid not accompanied by a substantially compliant bid security or Bid-Securing Declaration, if one is required in accordance with ITB 21.1, shall be rejected by the Purchaser as nonresponsive.
- 21.5 If a bid security is specified pursuant to ITB 21.1, the bid security of unsuccessful Bidders shall be returned promptly upon the successful Bidder's furnishing of the performance security pursuant to ITB 45.
- 21.6 If a bid security is specified pursuant to ITB 21.1, the bid security of the successful Bidder shall be returned promptly once the successful Bidder has signed the Contract Agreement and furnished the required performance security.
- 21.7 The bid security may be forfeited or the Bid-Securing Declaration executed, if
- (a) notwithstanding ITB 26.3, a Bidder withdraws its bid during the period of bid validity specified by the Bidder on the Bid Submission Sheet, except as provided in ITB 20.2; or
 - (b) the successful Bidder fails to
 - (i) sign the Contract Agreement in accordance with ITB 44;
 - (ii) furnish a performance security in accordance with ITB 45; or
 - (iii) accept the arithmetical corrections of its bid in accordance with ITB 33.
- 21.8 If the bid security is required as per ITB 21.1, the bid security of a Joint Venture shall be in the name of the Joint Venture that submits the Bid. If the Joint Venture has not been legally constituted at the time of bidding, the bid security shall be in the name of any or all of the Joint Venture partners. If the Bid-Securing Declaration is required as per ITB 21.1, the Bid-Securing Declaration of a Joint Venture shall be in the name of the Joint Venture that submits the Bid. If the Joint Venture has not been legally constituted at the time of bidding, the Bid-Securing Declaration shall be in the names of all future partners as named in the letter of intent mentioned in ITB 4.1.
- 22. Format and Signing of Bid**
- 22.1 The Bidder shall prepare one original set of the documents comprising the Bid as described in ITB 11 and clearly mark it "ORIGINAL." Alternative bids, if permitted in accordance with ITB 13, shall be clearly marked "ALTERNATIVE". In addition, the Bidder shall submit copies of the bid, in the number specified in the BDS and clearly mark them "COPY." In the event of any discrepancy between the original and the copies, the original shall prevail.
- 22.2 The original and all copies 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. This authorization shall consist of a written confirmation as specified in the BDS and shall be attached to the Bid. The name and position held by each person signing the authorization must be typed or printed below the signature. If a Bidder submits a deficient authorization, the Bid shall not be rejected in the first instance. The Purchaser shall request the Bidder to submit an acceptable authorization within the number of days as specified in the BDS. Failure

to provide an acceptable authorization within the period stated in the Purchaser's request shall cause the rejection of the Bid. If either the Bid Submission Sheet or the Bid-Securing Declaration (if applicable) is not signed, the Bid shall be rejected.

- 22.3 Any amendments such as interlineations, erasures, or overwriting shall be valid only if they are signed or initialed by the person signing the bid.

D. Submission and Opening of Bids

- 23. Sealing and Marking of Bids**
- 23.1 Bidders shall submit their Bids as specified in the BDS. Procedures for submission, sealing and marking are as follows:
- (a) Bidders submitting Bids by mail or by hand shall enclose the original and each copy of the Bid, including alternative Bids, if permitted in accordance with ITB 13, in separate sealed envelopes, duly marking the envelopes as "ORIGINAL", "ALTERNATIVE" and "COPY." These envelopes containing the original and the copies shall then be enclosed in one single envelope. The rest of the procedure shall be in accordance with ITB 23.2 and ITB 23.3.
 - (b) Bidders submitting Bids electronically shall follow the electronic bid submission procedures specified in the BDS.
- 23.2 The inner and outer envelopes shall
- (a) bear the name and address of the Bidder;
 - (b) be addressed to the Purchaser in accordance with ITB 24.1;
 - (c) bear the specific identification of this bidding process pursuant to ITB 1.1 and any additional identification marks as specified in the BDS; and
 - (d) bear a warning not to open before the time and date for bid opening, in accordance with ITB 27.1.
- 23.3 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.
- 24. Deadline for Submission of Bids**
- 24.1 Bids must be received by the Purchaser at the address and no later than the date and time indicated in the BDS.
- 24.2 The Purchaser may, at its discretion, extend the deadline for the submission of Bids by amending the Bidding Document in accordance with ITB 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.
- 25. Late Bids**
- 25.1 The Purchaser shall not consider any Bid that arrives after the deadline for submission of Bids, in accordance with ITB 24. Any Bid received by the Purchaser after the deadline for submission of Bids shall be declared late, rejected, and returned unopened to the Bidder.

- 26. Withdrawal, Substitution, and Modification of Bids**
- 26.1 A Bidder may withdraw, substitute, or modify its Bid after it has been submitted by sending a written notice, duly signed by an authorized representative, and shall include a copy of the authorization in accordance with ITB 22.2 (except for withdrawal notices, which do not require copies). The corresponding substitution or modification of the bid must accompany the respective written notice. All notices must be
- (a) prepared and submitted in accordance with ITB 22 and ITB 23 (except for withdrawal notices, which do not require copies), and in addition, the respective envelopes shall be clearly marked "WITHDRAWAL," "SUBSTITUTION," "MODIFICATION;" and
 - (b) received by the Purchaser prior to the deadline prescribed for submission of bids, in accordance with ITB 24.
- 26.2 Bids requested to be withdrawn in accordance with ITB 26.1 shall be returned unopened to the Bidders.
- 26.3 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 Sheet or any extension thereof.
- 27. Bid Opening**
- 27.1 The Purchaser shall open the Bids in public at the address, on the date, and time specified in the BDS in the presence of Bidders` designated representatives and anyone who chooses to attend. Any specific electronic bid opening procedures required if electronic bidding is permitted in accordance with ITB 23.1, shall be as specified in the BDS.
- 27.2 First, envelopes marked "WITHDRAWAL" shall be opened, read out, and recorded, and the envelope containing the corresponding bid shall not be opened, but returned to the Bidder. No bid withdrawal shall be permitted unless the corresponding withdrawal notice contains a valid authorization to request the withdrawal and is read out at bid opening. Next, envelopes marked "SUBSTITUTION" shall be opened, read out, recorded, and exchanged for the corresponding Bid being substituted. The substituted Bid shall not be opened, but returned unopened to the Bidder. No bid substitution shall be permitted unless the corresponding substitution notice contains a valid authorization to request the substitution and is read out and recorded at bid opening. Envelopes marked "MODIFICATION" shall be opened, read out, and recorded 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 and recorded at bid opening. Only envelopes that are opened, read out, and recorded at bid opening shall be considered further.
- 27.3 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 (per lot if applicable), discounts, and alternative offers; the presence of a bid security or a Bid-Securing Declaration, if required; and any other details as the Purchaser may consider appropriate. Only discounts and alternative offers read out and recorded at bid opening shall be considered for evaluation. Unless otherwise specified in the BDS, all pages of the Bid Submission Sheet and Price Schedules are to be initialed by at least three representatives of the Purchaser attending

the bid opening. No Bid shall be rejected at bid opening except for late bids, in accordance with ITB 25.1.

- 27.4 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, substitution, or modification; the Bid Price, per lot if applicable, any discounts, and alternative offers if they were permitted; and the presence or absence of a bid security or Bid-Securing Declaration, if one was required. The Bidders' representatives who are present shall be requested to sign the record. The omission of a Bidder's signature on the record shall not invalidate the contents and effect of the record. A copy of the record shall be distributed to all Bidders who submitted bids on time, and posted online if electronic bidding was permitted.

E. Evaluation and Comparison of Bids

- 28. Confidentiality**
- 28.1 Information relating to the examination, evaluation, comparison, and post qualification of Bids, and recommendation of contract award, shall not be disclosed to Bidders or any other persons not officially concerned with such process until the publication of Contract award.
- 28.2 Any attempt 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.
- 28.3 Notwithstanding ITB 28.2, from the time of bid opening to the time of Contract award, if any Bidder wishes to contact the Purchaser on any matter related to the bidding process, it should do so in writing.
- 29. Clarification of Bids**
- 29.1 To assist in the examination, evaluation, comparison and post-qualification of the Bids, the Purchaser may, at its discretion, ask any Bidder for a clarification of its Bid. Any clarification submitted by a Bidder with regard to its Bid and that is not in response to a request by the Purchaser shall not be considered. 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 33.
- 29.2 If a Bidder does not provide clarifications on its Bid by the date and time set in the Purchaser's request for clarification, its bid may be rejected.
- 30. Deviations, Reservations, and Omissions**
- 30.1 During the evaluation of Bids, the following definitions apply:
- (a) "Deviation" is a departure from the requirements specified in the Bidding Document;
 - (b) "Reservation" is the setting of limiting conditions or withholding from complete acceptance of the requirements specified in the Bidding Document; and
 - (c) "Omission" is the failure to submit part or all of the information or documentation required in the Bidding Document.

- 31. Determination of Responsiveness**
- 31.1 The Purchaser's determination of a bid's responsiveness is to be based on the contents of the bid itself, as defined in ITB 11.
- 31.2 A substantially responsive bid is one that meets the requirements of the Bidding Document without material deviation, reservation, or omission. A material deviation, reservation, or omission is one that,
- (a) if accepted, would
 - (i) affect in any substantial way the scope, quality, or performance of the Goods and Related Services specified in Section 6 (Schedule of Supply); or
 - (ii) limits in any substantial way, inconsistent with the Bidding Document, the Purchaser's rights or the Bidder's obligations under the proposed Contract; or
 - (b) if rectified, would unfairly affect the competitive position of other Bidders presenting substantially responsive bids.
- 31.3 The Purchaser shall examine the technical aspects of the Bid in particular, to confirm that all requirements of Section 6 (Schedule of Supply) have been met without any material deviation, reservation, or omission.
- 31.4 If a Bid is not substantially responsive to the requirements of the Bidding Document, it shall be rejected by the Purchaser and may not subsequently be made responsive by correction of the material deviation, reservation, or omission.
- 32. Nonmaterial Nonconformities**
- 32.1 Provided that a Bid is substantially responsive, the Purchaser may waive nonconformities in the bid that do not constitute a material deviation, reservation, or omission.
- 32.2 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. Requesting information or documentation on such nonconformities 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.
- 32.3 Provided that a Bid is substantially responsive, the Purchaser shall rectify quantifiable nonmaterial nonconformities or omissions related to the Bid Price. To this effect, the Bid Price shall be adjusted, for comparison purposes only, to reflect the price of the missing or non-conforming item or component. The adjustment shall be made using the method indicated in Section 3 (Evaluation and Qualification Criteria).
- 33. Correction of Arithmetical Errors**
- 33.1 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 total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price 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 total price 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.
- (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.

33.2 If the Bidder that submitted the lowest evaluated Bid does not accept the correction of errors, its Bid shall be rejected, and its bid security may be forfeited, or its Bid-Securing Declaration executed.

34. Conversion to Single Currency

34.1 For evaluation and comparison purposes, the currency(ies) of the Bid shall be converted into a single currency as specified in the BDS.

35. Domestic Preference

35.1 Unless otherwise specified in the BDS, domestic preference shall not apply.

36. Evaluation and Comparison of Bids

36.1 The Purchaser shall use the criteria and methodologies indicated in this clause. No other criteria or methodologies shall be permitted.

36.2 To evaluate a Bid, the Purchaser shall consider the following:

- (a) the bid price as quoted in accordance with ITB 14;
- (b) price adjustment for correction of arithmetic errors in accordance with ITB 33.1;
- (c) price adjustment due to discounts offered in accordance with ITB 14.4;
- (d) adjustment for nonmaterial nonconformities in accordance with ITB 32.3;
- (e) assessment whether the bid is abnormally low in accordance with ITB 37; and
- (f) price adjustment due to application of the evaluation criteria specified in Section 3 (Evaluation and Qualification Criteria). These criteria may include factors related to the characteristics, performance, and terms and conditions of purchase of the Goods and Related Services which shall be expressed to the extent practicable in monetary terms to facilitate comparison of bids unless otherwise specified in Section 3; and
- (g) converting the amount resulting from applying (a) to (c) above, if relevant, to a single currency in accordance with ITB 34.

36.3 The Purchaser's evaluation of a bid will exclude and not take into account,

- (a) in the case of Goods offered from within the Purchaser's country, all sales tax and all other taxes, applicable in the Purchaser's country and payable on the Goods if the Contract is awarded to the Bidder;
 - (b) in the case of Goods offered from outside the Purchaser's country, all customs duties, sales tax, and other taxes, applicable in the Purchaser's country and payable on the Goods if the Contract is awarded to the Bidder; and
 - (c) any allowance for price adjustment during the period of performance of the Contract, if provided in the Bid.
- 36.4 If the Bidding Document allows Bidders to quote separate prices for different lots (contracts), and the award to a single Bidder of multiple lots (contracts), the methodology to determine the lowest evaluated price of the lot (contract) combinations, including any discounts offered in the Bid Submission Sheet, is specified in Section 3 (Evaluation and Qualification Criteria).
- 36.5 The Purchaser shall compare all substantially responsive Bids to determine the lowest evaluated bid, in accordance with ITB 36.2.
- 37. Abnormally Low Bids**
- 37.1 An abnormally low bid is one where the bid price, in combination with other elements of the bid, appears to be so low that it raises concerns as to the capability of the Bidder to perform the contract for the offered bid price.
- 37.2 When the offered bid price appears to be abnormally low, the Purchaser shall undertake a three-step review process as follows:
 - (a) identify abnormally low costs and unit rates by comparing them with the engineer's estimates, other substantially responsive bids, or recently awarded similar contracts;
 - (b) clarify and analyze the bidder's resource inputs and pricing, including overheads, contingencies and profit margins; and
 - (c) decide whether to accept or reject the bid.
- 37.3 With regard to ITB 37.2 (b) above, the Purchaser will seek a written explanation from the bidder of the reasons for the offered bid price, including a detailed analysis of costs and unit prices, by reference to the scope, proposed methodology, schedule, and allocation of risks and responsibilities. This may also include information regarding the economy of the manufacturing process; the services to be provided, or the construction method to be used; the technical solutions to be adopted; and any exceptionally favorable conditions available to the bidder for the goods or services proposed.
- 37.4 After examining the explanation given and the detailed price analyses presented by the bidder, the Purchaser may:
 - (a) accept the bid, if the evidence provided satisfactorily accounts for the low bid price and costs, in which case the bid is not considered abnormally low;
 - (b) accept the bid, but require that the amount of the performance security be increased at the expense of the bidder to a level sufficient to protect

the Purchaser against financial loss. The amount of the performance security shall generally be not more than 20% of the contract price; or

- (c) reject the bid if the evidence provided does not satisfactorily account for the low bid price, and make a similar determination for the next lowest evaluated bid, if required

- 38. Post-qualification of the Bidder**
- 38.1 The 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.
- 38.2 The determination shall be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the Bidder, pursuant to ITB 19. Unless permitted in the BDS, the determination shall not take into consideration the qualifications of other firms such as the Bidder's subsidiaries, parent entities, or affiliates.
- 38.3 An affirmative determination shall be a prerequisite for award of the Contract to the Bidder. The Purchaser reserves the right to reject the bid of any bidder found to be in circumstances described in GCC 35.2. A negative determination shall result in disqualification of the Bid, in which event the Purchaser shall proceed to the next lowest evaluated Bid to make a similar determination of that Bidder's capabilities to perform satisfactorily.
- 39. Purchaser's Right to Accept Any Bid, and to Reject Any or All Bids**
- 39.1 The Purchaser reserves the right to accept or reject any Bid, and to annul the bidding process and reject all Bids at any time prior to Contract award, without thereby incurring any liability to the Bidders. In case of annulment, all Bids submitted and specifically, bid securities, shall be promptly returned to the Bidders.
- 40. Notice of Intention for Award of Contract**
- 40.1 If Standstill provisions apply as specified in the BDS, the standstill period shall be defined in the BDS to specify the duration subsequent to notification of intention for award of contract (before making the actual contract award) within which any unsuccessful bidder can challenge the proposed award.

F. Award of Contract

- 41. Award Criteria**
- 41.1 The Purchaser shall award the Contract to the Bidder whose offer has been determined, in line with ITB 36 to ITB 38 above, to be the lowest evaluated Bid and is substantially responsive to the Bidding Document, provided further that the Bidder is determined to be qualified to perform the Contract satisfactorily.
- 42. Purchaser's Right to Vary Quantities at Time of Award**
- 42.1 At the time the Contract is awarded, the Purchaser reserves the right to increase or decrease the quantity of Goods and Related Services originally specified in Section 6 (Schedule of Supply), provided this does not exceed the percentages indicated in the BDS, and without any change in the unit prices or other terms and conditions of the Bid and the Bidding Document.

- 43. Notification of Award**
- 43.1 Prior to the expiration of the period of bid validity and upon expiry of the standstill period specified in ITB 40.1, or upon satisfactory resolution of a complaint filed within standstill period, if applicable, the Purchaser shall transmit the Notification of Award using the form included in Section 9 (Contract Forms) to the successful Bidder, in writing, that its Bid has been accepted. At the same time, the Purchaser also notify all other Bidders of the results of the bidding.
- 43.2 Unless standstill period applies, upon notification of award, unsuccessful Bidders may request in writing to the Purchaser for a debriefing seeking explanations on the grounds on which their Bids were not selected. The Purchaser shall promptly respond in writing and/or in a debriefing meeting to any unsuccessful Bidder who, after publication of contract award, requests a debriefing.
- 43.3 Until a formal Contract is prepared and executed, the notification of award shall constitute a binding Contract.
- 43.4 Within 2 weeks of the award of contract or expiry of the standstill period, where such period applies, or, if a complaint has been filed within the standstill period, upon receipt of ADB's confirmation of satisfactory resolution of the complaint, the Borrower shall publish in an English language newspaper or well-known freely accessible website the results identifying the Bid and lot or package numbers as applicable and the following information:
- (a) name of each Bidder who submitted a Bid;
 - (b) bid prices as read out at bid opening;
 - (c) name and evaluated prices of each Bid that was evaluated;
 - (d) name of Bidders whose Bids were rejected and the reasons for their rejection; and
 - (e) name of the winning Bidder, and the price it offered, as well as the duration and summary scope of the contract awarded.
- 44. Signing of Contract**
- 44.1 Promptly after notification, the Purchaser shall send to the successful Bidder the Contract Agreement.
- 44.2 Within 28 days of receipt of the Contract Agreement, the successful Bidder shall sign, date, and return it to the Purchaser.
- 45. Performance Security**
- 45.1 Within 28 days of the receipt of notification of award from the Purchaser, the successful Bidder shall furnish the Performance Security in accordance with the GCC, subject to ITB 37, using for that purpose the Performance Security Form included in Section 9 (Contract Forms), or another form acceptable to the Purchaser. If the bank issuing performance security is located outside the Purchaser's country, it shall be counter-guaranteed or encashable by a bank in the Purchaser's country.
- 45.2 Failure of the successful Bidder to submit the abovementioned performance security or sign the Contract Agreement 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.

**46. Bidding-
Related
Complaints**

- 46.1 The procedures for dealing with Bidding-Related Complaints arising out of this bidding process are specified in the BDS.

Section 2: Bid Data Sheet

A. General																							
ITB 1.1	The number of the Invitation for Bids (IFB) is: MOE/ STHRD/SB/E11A																						
ITB 1.1	The Purchaser is: Sabaragamuwa University of Sri Lanka																						
ITB 1.1	<p>The name of the open competitive bidding (OCB) is: Procurement of Laboratory Equipment for Analytical Physics Labs the Faculty of Technology - Sabaragamuwa University of Sri Lanka.</p> <p>The identification number of the OCB is: MOE/ STHRD/SB-E11A</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width: 15%; padding: 5px;">Lot No.</th> <th style="padding: 5px;">Name of Goods or Related Services</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">Lot 01</td> <td style="padding: 5px;">Embedded Systems</td> </tr> <tr> <td style="padding: 5px;">Lot 02</td> <td style="padding: 5px;">Vacuum Based Demonstration Kit</td> </tr> <tr> <td style="padding: 5px;">Lot 03</td> <td style="padding: 5px;">Thermodynamics and radiation Kits</td> </tr> <tr> <td style="padding: 5px;">Lot 04</td> <td style="padding: 5px;">Mechanics Experiment Kits</td> </tr> <tr> <td style="padding: 5px;">Lot 05</td> <td style="padding: 5px;">Fiber Optical Communication Kit</td> </tr> <tr> <td style="padding: 5px;">Lot 06</td> <td style="padding: 5px;">Machine Learning and AI, Image Processing Kits</td> </tr> <tr> <td style="padding: 5px;">Lot 07</td> <td style="padding: 5px;">Computers and Accessories</td> </tr> <tr> <td style="padding: 5px;">Lot 08</td> <td style="padding: 5px;">Meteorology Experiments</td> </tr> <tr> <td style="padding: 5px;">Lot 09</td> <td style="padding: 5px;">Electronics and Robotics</td> </tr> <tr> <td style="padding: 5px;">Lot 10</td> <td style="padding: 5px;">Miscellaneous</td> </tr> </tbody> </table>	Lot No.	Name of Goods or Related Services	Lot 01	Embedded Systems	Lot 02	Vacuum Based Demonstration Kit	Lot 03	Thermodynamics and radiation Kits	Lot 04	Mechanics Experiment Kits	Lot 05	Fiber Optical Communication Kit	Lot 06	Machine Learning and AI, Image Processing Kits	Lot 07	Computers and Accessories	Lot 08	Meteorology Experiments	Lot 09	Electronics and Robotics	Lot 10	Miscellaneous
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ITB 2.1	The Borrower is: The Democratic Socialist Republic of Sri Lanka																						
ITB 2.1	The name of the Project is: Science and Technology Human Resource Development Project (STHRD Project)																						
B. Contents of Bidding Document																							
ITB 7.1	<p>For clarification purposes only, the Purchaser's address is:</p> <p>Attention: Prof.K.R.Koswaththage,,</p>																						

	<p>Dean, Faculty of Technology Sabaragamuwa University of Sri Lanka</p> <p>Street address: P.O Box 2, Floor/Room number: Dean's Office, Faculty of Technology, Sabaragamuwa University of Sri Lanka City: Belihuloya ZIP code: 70140 Country: Sri Lanka Telephone: 0452280298 E-mail: koswattagekr@appsc.sab.ac.lk</p> <p><u>Pre-Bid meeting</u></p> <p>Date ----- and time will be Informed in advance</p> <p>Venue: STHRD PIU office, Faculty of Technology, Sabaragamuwa University of Sri Lanka, Address: Belihuloya, Sri Lanka and online zoom platform.</p>
C. Preparation of Bids	
ITB 10.1	The language of the Bid is: English
ITB 11.1 (i)	<p>The Bidder shall submit with its Bid the following additional documents:</p> <p>For private/government entities: a copy of the company/business constitution/incorporation/registration document showing the reference no and date and place of issue.</p> <p>For a joint venture: in addition to the appropriate information as above for each partner; a copy of the Joint Venture Agreement, or a Letter of Intent to enter into such an agreement together with a copy of the proposed agreement/memorandum.</p> <p>All documents to be signed by all legally authorized signatories of all the parties. in accordance with ITB 16.1 (a) and (b).</p> <p>Certificates, evidencing involvement in similar Schedule of Supply during the last 3 years. PCA 3 Certificate issued by the Public Contract Registrar of Sri Lanka.</p>
ITB 12.2	The units and rates in figures entered into the Price Schedules should be typewritten or if written by hand, must be in print form. Price Schedules not presented accordingly may be considered non-responsive.
ITB 13.1	Alternative and Optional Bids shall not be permitted.
ITB 14.5	The Incoterms edition is: Incoterms 2010
ITB 14.6 (a) (i), (ii) and (iii)	<p>For goods offered from within the Purchaser's country, the Bidder shall quote prices using the following incoterms</p> <p>The prices of the goods quoted EXW in local currency. (Ex - Works, Ex-Factory, Ex-Warehouse. Ex-Showrooms or Off-the-Shelf as applicable)</p>

ITB 14.6 (b) (i)	For Goods offered from outside the Purchaser's country, the Bidder shall quote prices as per the price schedule.																																	
ITB 14.6 (b) (ii)	In addition to the above, the bidder shall quote prices for goods offered from outside the purchaser's country, using the following incoterms: Not Applicable																																	
ITB 14.7	The prices quoted by the Bidder shall not be adjustable.																																	
ITB 14.8	Prices quoted for each lot shall correspond at least to 100 % of the items specified for each lot. Prices quoted for each item of a lot shall correspond at least to 100 % of the quantities specified for this item of a lot.																																	
ITB 19.2	The Bidder is required to submit documentation to substantiate that it is an authorized dealer, distributor or reseller of the goods being procured.																																	
ITB 19.3	The Bidder is required to include with its bid, evidence that it will be represented by an Agent in the Purchaser's country.																																	
ITB 20.1	The bid validity period should be Valid till 12 th January 2024)																																	
ITB 21.1	<p>The Bidder shall furnish bid security in the amount of LKR,</p> <table border="1"> <thead> <tr> <th>Lot No</th> <th>Name of Goods or Related Services</th> <th>Bid security Value (LKR)</th> </tr> </thead> <tbody> <tr> <td>Lot 01</td> <td>Embedded Systems</td> <td>31,500.00</td> </tr> <tr> <td>Lot 02</td> <td>Vacuum Based Demonstration Kit</td> <td>7,350.00</td> </tr> <tr> <td>Lot 03</td> <td>Thermodynamics and radiation Kits</td> <td>24,500.00</td> </tr> <tr> <td>Lot 04</td> <td>Mechanics Experiment Kits</td> <td>15,750.00</td> </tr> <tr> <td>Lot 05</td> <td>Fiber Optical Communication Kit</td> <td>42,000.00</td> </tr> <tr> <td>Lot 06</td> <td>Machine Learning and AI, Image Processing Kits</td> <td>18,900.00</td> </tr> <tr> <td>Lot 07</td> <td>Computers and Accessories</td> <td>85,750.00</td> </tr> <tr> <td>Lot 08</td> <td>Meteorology Experiments</td> <td>70,000.00</td> </tr> <tr> <td>Lot 09</td> <td>Electronics and Robotics</td> <td>49,000.00</td> </tr> <tr> <td>Lot 10</td> <td>Miscellaneous</td> <td>7,350.00</td> </tr> </tbody> </table> <p>The Bid Security should be valid till 12th February 2024 (The format of the Bid security is attached in Section 4 Bidding Forms)</p>	Lot No	Name of Goods or Related Services	Bid security Value (LKR)	Lot 01	Embedded Systems	31,500.00	Lot 02	Vacuum Based Demonstration Kit	7,350.00	Lot 03	Thermodynamics and radiation Kits	24,500.00	Lot 04	Mechanics Experiment Kits	15,750.00	Lot 05	Fiber Optical Communication Kit	42,000.00	Lot 06	Machine Learning and AI, Image Processing Kits	18,900.00	Lot 07	Computers and Accessories	85,750.00	Lot 08	Meteorology Experiments	70,000.00	Lot 09	Electronics and Robotics	49,000.00	Lot 10	Miscellaneous	7,350.00
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ITB 21.2	The ineligibility period will be Not Applicable
ITB 21.4	Subject to the succeeding sentences, any bid not accompanied by an irrevocable and callable bid security shall be rejected by the Purchaser as non-responsive. If a Bidder submits bid security that (i) deviates in form, amount, and/or period of validity, or (ii) does not provide sufficient identification of the Bidder (including, without limitation, failure to indicate the name of the Joint Venture or, where the Joint Venture has not yet been constituted, the names of all future Joint Venture Partners), the Purchaser shall request the Bidder to submit compliant bid security within 14 days of receiving such a request. Failure to provide compliant bid security within the prescribed period of receiving such a request shall cause the rejection of the Bid.
ITB 22.1	In addition to the original Bid, the number of copies is: 01
ITB 22.2	The written confirmation of Authorization to sign on behalf of the Bidder shall consist of: An organizational document, board resolution or its equivalent, or power of attorney specifying the representative's authority to sign the Bid on behalf of, and to legally bind, the Bidder. If the Bidder is an intended or an existing joint venture, the power of attorney should be signed by all partners and specify the authority of the named representative of the joint venture to sign on behalf of, and legally bind, the intended or existing joint venture. If the joint venture has not yet been formed, also include evidence from all proposed joint venture partners of their intent to enter into a joint venture in the event of a contract award in accordance with ITB 16.1 (b)
ITB 22.2	The Bidder shall submit an acceptable authorization within 14 days .
D. Submission and Opening of Bids	
ITB 23.1	Bidders shall not have the option of submitting their bids electronically.
ITB 23.1 (b)	If Bidders shall have the option of submitting their bids electronically, the electronic bidding submission procedures shall be: Not Applicable
ITB 23.2 (c)	The additional identification marks are: Not Applicable
ITB 24.1	For bid submission purposes only, the Purchaser's address is: Attention: Prof. K.R. Koswattage Deputy Project Director Project Implementation Unit, STHRD Project, Faculty of Technology, Sabaragamuwa University of Sri Lanka Belihuloya Floor/Room number: Dean's Office, Faculty of Technology, Sabaragamuwa University of Sri Lanka City: Belihuloya ZIP code: 70140 Country: Sri Lanka
ITB 24.1	The deadline for bid submission is: Date: 14 th September 2023 Time: 10.00 A.M

ITB 27.1	<p>The bid opening shall take place at:</p> <p>Project Implementation Unit STHRD Project Sabaragamuwa University of Sri Lanka Floor/Room number: Dean’s office, Faculty of Technology, Sabaragamuwa University of Sri Lanka. City: Belihuloya Country: Sri Lanka Date: 14th September 2023 Time: -----</p>
ITB 27.1	The electronic bid opening procedure shall be as follows: Not Applicable
ITB 27.3	The Bid Submission Sheet and Price Schedules shall be initiated by one (01) representative of the Purchaser attending Bid opening.
E. Evaluation and Comparison of Bids	
ITB 34.1	<p>The currency that shall be used for bid evaluation and comparison purposes to convert all bid prices expressed in United State Dollars into a single currency is: LKR</p> <p>The source of the selling exchange rate shall be: Central Bank of Sri Lanka</p> <p>The date for the selling exchange rate shall be: Bid submission date given in ITB 24.1</p>
ITB 35.1	Domestic preference shall not apply.
ITB 38.2	The qualifications of other firms such as the Bidder’s subsidiaries, parent entities, and affiliates shall not be permitted.
ITB 40.1	Standstill provisions shall not apply.
F. Award of Contract	
ITB 41.1	<p>The maximum percentage by which quantities may be increased is: 10%</p> <p>The maximum percentage by which quantities may be decreased is: 10%</p>
ITB 46.1	<p>The procedures for Bidding-Related Complaints are referenced in the Procurement Regulations for ADB Borrowers (Appendix 7). The Bidder should submit its complaint following these procedures, in writing, to:</p> <p>Title/Position: Project Director</p> <p>Purchaser: Science and Technology Human Resource Development Project</p> <p>E-mail address: pd-sthrd@mohe.gov.lk</p> <p>Fax number: 011 2791278</p>

Section 3: Evaluation and Qualification Criteria

Table of Criteria

1. Evaluation Criteria	3-2
1.1 Technical Criteria	3-2
1.2 Domestic Preference	3-2
1.3 Economic Criteria	
1.3.1 Adjustment for Scope	3-2
1.3.1.1 Local Handling and Inland Transportation	3-2
1.3.1.2 Minor Omissions or Missing Items	3-2
1.3.2 Adjustment for Deviations from the Terms of Payment.....	3-2
1.3.3 Adjustment for Deviations in the Delivery and Completion Schedule..	3-2
1.3.4 Operating and Maintenance Costs	3-3
1.3.5 Spare Parts	3-3
1.3.6 Performance and Productivity of the Goods.....	3-3
1.4 Multiple Lots (Contracts).....	3-3
2. Qualification Criteria	3-4
Contract Type B. Custom-Designed, High-Value, and Technically Complex Items	3-4
2.1 Eligibility.....	3-4
2.1.1 Nationality.....	3-4
2.1.2 Conflict of Interest	3-4
2.1.3 ADB Eligibility	3-4
2.1.4 Government-Owned Enterprise	3-4
2.1.5 United Nations Eligibility	3-4
2.2 Experience and Technical Capacity	3-5
2.2.1 Contractual Experience	3-5
2.3 Financial Situation	3-6
2.3.1 Historical Financial Performance	3-6
2.3.2 Size of Operation (Average Annual Turnover)	3-6

1. Evaluation Criteria

1.1 Technical Criteria

The cost of all quantifiable deviations or deficiencies from the technical requirements as specified in Section 6 (Schedule of Supply) shall be evaluated. The Purchaser will make its own assessment of the cost of these deviations or deficiencies for the purpose of ensuring fair comparison of Bids.

1.2 Domestic Preference

If domestic preference is provided for under ITB 35.1, the following procedure shall apply: Not Applicable

1.3 Economic Criteria

1.3.1 Adjustment for Scope

1.3.1.1 Local Handling and Inland Transportation

Costs for inland transportation, insurance, and other incidental costs for delivery of the goods from the EXW premises, or port of entry, or border point to Project Site as defined in Section 6 (Schedule of Supply), shall be quoted in the Price Schedule for Related Services to Be Offered from Outside and Within the Purchaser's Country provided In Section 4 (Bidding Forms). These costs will be taken into account during bid evaluation. If a Bidder fails to include such costs in its Bid, then these costs will be estimated by the Purchaser on the basis of published tariffs by the rail or road transport agencies, insurance companies, or other appropriate sources, and added to EXW or CIF or CIP price.

1.3.1.2 Minor Omissions or Missing Items

Pursuant to ITB 32.3, the cost of all quantifiable nonmaterial nonconformities or omissions from the contractual and commercial conditions shall be evaluated. The Purchaser will make its own assessment of the cost of any nonmaterial nonconformities and omissions for the purpose of ensuring fair comparison of Bids.

1.3.2 Adjustment for Deviations from the Terms of Payment

Deviations from the Terms of Payment as specified in SCC 16.1 are not permitted.

1.3.3 Adjustment for Deviations in the Delivery and Completion Schedule

Deviations from the Delivery and Completion Schedule specified in Section 6 (Schedule of Supply) are not permitted.

1.3.4 Operation and Maintenance (O&M) Costs

Not applicable

1.3.5 Spare Parts

Not required.

1.3.6 Performance and Productivity of the Goods

As specified and required in Technical specifications for each item in section 6 (Technical specifications and special requirements).

1.4 Multiple Lots (Contracts)

If Goods and Related Services are grouped in multiple lots, the following provision must be used:

Goods are grouped in lots. The Purchaser will evaluate and compare Bids on the basis of a lot, or a combination of lots, or as a total of lots to arrive at the least cost combination for the Purchaser by taking into account discounts offered by Bidders in case of award of multiple contracts.

If a Bidder as defined in ITB 4.1 submits successful Bids for multiple lots (lowest evaluated substantially responsive Bids), the evaluation will also include an assessment of the Bidder's capacity to meet the aggregated qualifying requirements relating to:

following key qualifications to participate in this bidding:

Procurement Activity Item No	Procurement Activity Description	Successful completion as main supplier within the last three years, of at least two contracts each valued mentioned at following with nature, and complexity similar to the scope of supply described in Section 6. (LKR)	Minimum average annual turnover of following which is calculated as total payments received by the Bidder for contracts completed or under execution over the last three years. (LKR)
Lot 01	Embedded Systems	2,520,000.00	6,300,000.00
Lot 02	Vacuum Based Demonstration Kit	588,000.00	1,470,000.00
Lot 03	Thermodynamics and radiation Kits	1,960,000.00	4,900,000.00
Lot 04	Mechanics Experiment Kits	1,260,000.00	3,150,000.00
Lot 05	Fiber Optical Communication Kit	3,360,000.00	8,400,000.00
Lot 06	Machine Learning and AI, Image Processing Kits	1,512,000.00	3,780,000.00
Lot 07	Computers and Accessories	6,860,000.00	17,150,000.00
Lot 08	Meteorology Experiments	5,600,000.00	14,000,000.00
Lot 09	Electronics and Robotics	3,920,000.00	9,800,000.00
Lot 10	Miscellaneous	588,000.00	1,470,000.00

2. Qualification Criteria

Contract type A: Off-the Shelf Items

2.1 Eligibility

Criteria	Compliance Requirements			Documents	
Requirement	Single Entity	Joint Venture			Submission Requirements
		All Partners Combined	Each Partner	One Partner	

2.1.1 Nationality

Nationality in accordance with ITB 4.2.	Must meet requirement	Must meet requirement	Must meet requirement	Not applicable	Bid Submission Sheet; Forms ELI – 1 and ELI - 2
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2.1.2 Conflict of Interest

No conflicts of interest in accordance with ITB 4.3.	Must meet requirement	Must meet requirement	Must meet requirement	Not applicable	Bid Submission Sheet
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2.1.3 ADB Eligibility

Not having been declared ineligible by ADB, as described in ITB 4.4.	Must meet requirement	Must meet requirement	Must meet requirement	Not applicable	Bid Submission Sheet
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2.1.4 Government-Owned Enterprise

Bidder required to meet conditions of ITB 4.5.	Must meet requirement	Must meet requirement	Must meet requirement	Not applicable	Bid Submission Sheet; Forms ELI – 1 and ELI - 2
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2.1.5 United Nations Eligibility

Not having been excluded by an act of compliance with a United Nations Security Council resolution in accordance with ITB 4.8.	Must meet requirement	Must meet requirement	Must meet requirement	Not applicable	Bid Submission Sheet
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2.2 Experience and Technical Capacity

2.2.1 Contractual Experience

Criteria			Compliance Requirements			Documents	
Requirement			Single Entity	Joint Venture			Submission Requirements
				All Partners Combined	Each Partner	One Partner	
Successful completion as main supplier within the last three years of at least two contracts each valued not less than LKR,			Must meet requirement	Must meet requirement	Not applicable	Not applicable	Form EXP – 1
Lot 01	Embedded Systems	2,520,000.00					
Lot 02	Vacuum Based Demonstration Kit	588,000.00					
Lot 03	Thermodynamics and radiation Kits	1,960,000.00					
Lot 04	Mechanics Experiment Kits	1,260,000.00					
Lot 05	Fiber Optical Communication Kit	3,360,000.00					
Lot 06	Machine Learning and AI, Image Processing Kits	1,512,000.00					
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Lot 08	Meteorology Experiments	5,600,000.00					
Lot 09	Electronics and Robotics	3,920,000.00					
Lot 10	Miscellaneous	588,000.00					
, complexity similar to the scope of supply described in Section 6 of the bidding document.							

2.3 Financial Situation

2.3.1 Historical Financial Performance

Criteria	Compliance Requirements				Documents
Requirement	Single Entity	Joint Venture			Submission Requirements
		All Partners Combined	Each Partner	One Partner	
Submission of audited financial statements or, if not required by the law of the Bidder's country, other financial statements acceptable to the Purchaser, for the last three (03) years to demonstrate the current soundness of the Bidder's financial position. As a minimum, the Bidder's net worth for the last year calculated as the difference between total assets and total liabilities should be positive.	Must meet requirement	Not applicable	Must meet requirement	Not applicable	Form FIN - 1

2.3.2 Size of Operation (Average Annual Turnover)

Criteria			Compliance Requirements				Documents
Requirement			Single Entity	Joint Venture			Submission Requirements
				All Partners Combined	Each Partner	One Partner	
Minimum average annual turnover of LKR,			Must meet requirement	Must meet requirement	Must meet 25% of the requirement	Must meet 40% of the requirement	Form FIN - 2
Lot 01	Embedded Systems	6,300,000.00					
Lot 02	Vacuum Based Demonstration Kit	1,470,000.00					
Lot 03	Thermodynamics and radiation Kits	4,900,000.00					
Lot 04	Mechanics Experiment Kits	3,150,000.00					
Lot 05	Fiber Optical Communication Kit	8,400,000.00					
Lot 06	Machine Learning and AI, Image Processing Kits	3,780,000.00					
Lot 07	Computers and Accessories	17,150,000.00					
Lot 08	Meteorology Experiments	14,000,000.00					
Lot 09	Electronics and Robotics	9,800,000.00					
Lot 10	Miscellaneous	1,470,000.00					
calculated as total payments received by the Bidder for contracts completed or under execution over the last three years.							

Section 4: Bidding Forms

Table of Forms

Bid Submission Sheet.....	4-2
Price Schedule for Goods to Be Offered from Within the Purchaser's Country	4-5
Price Schedule for Goods to Be Offered from Outside the Purchaser's Country.....	4-6
Price Schedule for Related Services to Be Offered from Outside and Within the Purchaser's Country..	4-7
Bid Security.....	4-8
Manufacturer's Authorization.....	4-9
Bidder's Qualification	4-19
Form ELI – 1: Bidder's Information Sheet	
Form ELI - 2: Joint Venture Information Sheet.....	
Form EXP - 1: Contractual Experience	
Form FIN - 1: Historical Financial Performance	
Form FIN - 2: Size of Operation (Average Annual Turnover).....	

Bid Submission Sheet

- Note -

The Bidder must accomplish the Bid Submission Sheet on its letterhead clearly showing the Bidder's complete name and address.

Date: _____
 Open Competitive Bidding (OCB) No.: _____
 Invitation for Bid (IFB) No.: _____
 Alternative No.: _____

To: **Vice Chancellor, Sabaragamuwa University**

We, the undersigned, declare that:

- (a) We have examined and have no reservations to the Bidding Documents, including Addenda issued in accordance with Instructions to Bidders (ITB) 8.
- (b) We acknowledge that we have read and understand ADB's Anticorruption Policy (1998) and Integrity Principles and Guidelines (2015), both as amended from time to time.
- (c) We offer to supply in conformity with the Bidding Documents and in accordance with the delivery schedule specified in Section 6 (Schedule of Supply), the following Goods and Related Services: *[insert a brief description of the goods and related services]*
- (d) The total price of our Bid, excluding any discounts offered in item (d) below, is

[amount of foreign currency in words], [amount in figures], and [amount of local currency in words], [amount in figures]

The total bid price from the price schedules should be entered by the bidder inside this box. Absence of the total bid price in the Bid Submission Sheet may result in the rejection of the bid.

- (e) The discounts offered and the methodology for their application are as follows:

Discounts: If our Bid is accepted, the following discounts shall apply: *[specify in detail each discount offered and the specific item of the Schedule of Supply to which it applies]*

Methodology of Application of the Discounts: The discounts shall be applied using the following method: *[specify in detail the method that shall be used to apply the discounts]*

- (f) Our Bid shall be valid for a period of *[insert validity period as specified in ITB 20.1 of the BDS.]* days starts from the date fixed for the bid submission deadline in accordance with ITB 24.1, and it shall remain binding upon us and may be accepted at any time before the expiration of that period.
- (g) If our Bid is accepted, we commit to obtain a Performance Security in accordance with the Bidding Documents.
- (h) Our firm, including any subcontractors or suppliers for any part of the Contract, have nationalities from eligible countries in accordance with ITB 4.2.
- (i) We, our directors, key officers, key personnel, including any subcontractors, consultants, subconsultants, manufacturers, service providers or suppliers for any part of the contract, do not have any conflict of interest in accordance with ITB 4.3.

If there is any conflict of interest, please state details:

- (i) Parties involved in the conflict of interest: _____
- (ii) Details about the conflict of interest: _____
- (j) We are not participating, as a Bidder, either individually or as partner in a Joint Venture, in more than one Bid in this bidding process in accordance with ITB 4.3(e), other than alternative offers in accordance with the Bidding Documents.
- (k) Our firm, Joint Venture partners, our respective direct and indirect shareholders, directors, key officers, key personnel, associates, parent company, affiliates or subsidiaries, including any Subcontractors, consultants, subconsultants, manufacturers, service providers or Suppliers for any part of the contract, are not subject to, or not controlled by any entity or individual that is subject to a temporary suspension or a debarment imposed by the Asian Development Bank; or a debarment imposed by the Asian Development Bank in accordance with the Agreement for Mutual Enforcement of Debarment Decisions between the Asian Development Bank and other development banks.¹
- (l) Our firm, Joint Venture partners, our respective direct and indirect shareholders, directors, key officers, key personnel, associates, parent company, affiliates or subsidiaries, including any Subcontractors, consultants, subconsultants, manufacturers, service providers or Suppliers for any part of the contract, are not under ongoing investigation and/or sanctions proceedings by the Asian Development Bank or any multilateral development bank.

If under ongoing investigation and/or sanction proceedings by the Asian Development Bank or any multilateral development bank, please state details:

- (i) Name of the multilateral development bank: _____
- (ii) Reason for the ongoing investigation/allegations: _____
- (m) Our firm, Joint Venture partners, our respective direct and indirect shareholders, directors, key officers, key personnel, associates, parent company, affiliates or subsidiaries, including any Subcontractors, consultants, subconsultants, manufacturers, service providers or Suppliers for any part of the Contract, are not temporarily suspended, debarred, declared ineligible, or subject to any national and/or international sanctions by any country, any international organization, any multilateral development bank and other donor agency.

If so temporarily suspended, debarred, declared ineligible, or subject to any national and/or international sanctions by any country, any international organization, any multilateral development bank and other donor agency, please state details (as applicable to each Joint Venture partner, their respective direct or indirect shareholders, directors, key officers, key personnel, associate, parent company, affiliate, subsidiaries, Subcontractors, consultants, subconsultants, manufacturers, service providers and/or Suppliers):

- (i) Name of Institution: _____
- (ii) Period of the temporary suspension, debarment, ineligibility, or national or international sanction [*start and end date*]: _____
- (iii) Reason for the temporary suspension, debarment, ineligibility, or national or international sanction: _____
- (n) Our firm, Joint Venture partners, associates, parent company, affiliates or subsidiaries', including any Subcontractors, consultants, subconsultants, manufacturers, service providers, Suppliers, key officers, directors and key personnel have never been charged or convicted with any criminal offense (including felonies but excluding misdemeanors) or infractions and/or violations of ordinance; nor charged or found liable in any civil or administrative proceedings in the last 10 years; or undergoing investigation for such, or subject to any criminal, civil or administrative orders, monitorship or enforcement actions.

¹ These institutions include African Development Bank, European Bank for Reconstruction and Development (EBRD), Inter-American Development Bank (IADB), and the World Bank Group. According to paragraph 9 of the Agreement, other international financial institutions may join upon the consent of all Participating Institutions and signature of a Letter of Adherence by the international financial institution substantially in the form provided (Annex B to the Agreement). Upon adherence, such international financial institution shall become a Participating Institution for purposes of the Agreement. Bidders are advised to check www.adb.org/integrity for updates.

If so charged, convicted/found liable, under ongoing investigation, or subject to orders, monitorship or enforcement actions, please state details:

- (i) Nature of the offense, violation, proceedings, investigation, and/or monitorship or enforcement actions: _____
 - (ii) Court, area of jurisdiction and/or the enforcement agency: _____
 - (iii) Resolution [*i.e. dismissed; settled; or convicted/duration of penalty*]: _____
 - (iv) Other relevant details [*please specify*]: _____
- (o) Our firm, Joint Venture partners, our respective direct and indirect shareholders, directors, key officers, key personnel, associates, affiliates or subsidiaries, including any Subcontractors, consultants, subconsultants, manufacturers, service providers or Suppliers, can make and receive electronic fund transfer payments through the international banking system or otherwise discharge the Purchaser's obligation upon initiation of wire transfer.

If unable to make or receive funds through the international banking system or otherwise discharge the Purchaser's obligation upon initiation of wire transfer, please state the details:

- (i) Nature of the restriction: _____
 - (ii) Jurisdiction of the restriction: _____
 - (iii) Other relevant details: _____
- (p) Our firm, Joint Venture partners, associates, parent company, affiliates or subsidiaries, including any Subcontractors, consultants, subconsultants, manufacturers, service providers or Suppliers, key officers, directors and key personnel are not from a country which is prohibited to export goods or services to, or receive any payments from the Purchaser's country and/or are not prohibited to receive payments for particular goods or services by the Purchaser's country by an act of compliance with a decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations.
- (q) We understand that it is our obligation to notify the Purchaser of any changes in connection with the matters described in paragraphs (i), (k), (l), (m), (n), (o), (p) and (t) of this Bid Submission Sheet.
- (r) [We are not a government-owned enterprise] / [We are a government-owned enterprise but meet the requirements of ITB 4.5].²
- (s) We have not been suspended nor declared ineligible by the Purchaser based on execution of a Bid-Securing Declaration in accordance with ITB 4.6.
- (t) We have paid, or intend to pay, either directly or indirectly, the following commissions, gratuities, or fees with respect to the bidding process or execution of the Contract: ³

Name of Recipient	Address	Reason	Amount
_____	_____	_____	_____
_____	_____	_____	_____

- (u) We understand that this Bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal Contract is prepared and executed.
- (v) We understand that you are not bound to accept the lowest evaluated Bid or any other Bid that you may receive.
- (w) At any time following submission of our Bid, We shall permit, and shall cause our Joint Venture partners, directors, key officers, key personnel, associates, parent company, affiliates or subsidiaries, including any Subcontractors, consultants, subconsultants, manufacturers, service providers or Suppliers for any part of the contract to permit ADB or its representative to inspect our site, assets, accounts and records and

² Use one of the two options as appropriate.
³ If none has been paid or is to be paid, indicate "None."

other documents relating to the bid submission and to have them audited by auditors appointed by ADB. We understand that failure of this obligation may constitute obstructive practice that may result in debarment and/or contract termination.

- (x) Regardless of whether the contract will be awarded to us, we shall preserve all accounts, records and other documents related to bid submission for at least 3 years from the date of submission of the bid or the period prescribed in applicable law, whichever is longer.
- (y) If we are awarded the contract, we shall preserve all accounts, records and other documents related to the procurement and execution of the contract for at least 5 years after completing the works contemplated in the relevant contracts or the period prescribed in applicable law, whichever is longer.
- (z) We certify on behalf of the Bidder, that the information provided in the bid has been fully reviewed, given in good faith, and to the best of our knowledge is true and complete. We understand that it is our obligation to inform the Purchaser of any changes to the information as and when it becomes known to us. We understand that any misrepresentation that knowingly or recklessly misleads, or attempts to mislead may lead to the automatic rejection of the Bid or cancellation of the contract, if awarded, and may result in remedial actions, in accordance with ADB's Anticorruption Policy (1998, as amended to date) and Integrity Principles and Guidelines (2017, as amended from time to time).

Name _____

In the capacity of _____

Signed _____

Duly authorized to sign the Bid for and on behalf of _____

Date _____

Price Schedule for Goods to Be Offered from Within the Purchaser's Country

Name of Bidder _____ IFB Number _____ Page ___ of ___

Lot 01-Embedded Systems

Item No.	Description	Country of Origin	Domestic Value Added in Percent	Quantity and Unit of Measurement	Unit Price EXW	Total EXW Price per item	Sales and Other Taxes Per Item	Total Price per Item including Taxes	Suggested Delivery period (Lot wise) No of days
1	2	3	4	5	6	7 = 5 x 6	8	9 = 7 + 8	
L1-I1	Portable Embedded student design device			02 Nos					
L1-I2	Student Data Acquisition Device for portable measurements			10 Nos					
Total Amount									

Lot 02- Vacuum Based Demonstration Kit

Item No.	Description	Country of Origin	Domestic Value Added in Percent	Quantity and Unit of Measurement	Unit Price EXW	Total EXW Price per item	Sales and Other Taxes Per Item	Total Price per Item including Taxes	Suggested Delivery period (Lot wise) No of days
1	2	3	4	5	6	7 = 5 x 6	8	9 = 7 + 8	
L2-I1	Coin & Feather Demo			02 Nos					
L2-I2	Bell & Jar Demo			02 Nos					
L2-I3	Electrical Vacuum Pump			02 Nos					
Total Amount									

Lot 03- Thermodynamics and radiation Kits

Item No.	Description	Country of Origin	Domestic Value Added in Percent	Quantity and Unit of Measurement	Unit Price EXW	Total EXW Price per item	Sales and Other Taxes Per Item	Total Price per Item including Taxes	Suggested Delivery period (Lot wise) No of days
1	2	3	4	5	6	7 = 5 x 6	8	9 = 7 + 8	
L3-I1	Experiment Kit for demonstrate & measure heat conduction			02 Nos					
L3-I2	Stefan Boltzmann kit			01 Nos					
Total Amount									

Lot 04- Mechanics Experiment Kits

Item No.	Description	Country of Origin	Domestic Value Added in Percent	Quantity and Unit of Measurement	Unit Price EXW	Total EXW Price per item	Sales and Other Taxes Per Item	Total Price per Item including Taxes	Suggested Delivery period (Lot wise) No of days
1	2	3	4	5	6	7 = 5 x 6	8	9 = 7 + 8	
L4-I1	Newton Cardle Model			01 Nos					
L4-I2	Airflow Apparatus Kit			01 Nos					
Total Amount									

Lot 05- Fiber Optical Communication Kit

Item No.	Description	Country of Origin	Domestic Value Added in Percent	Quantity and Unit of Measurement	Unit Price EXW	Total EXW Price per item	Sales and Other Taxes Per Item	Total Price per Item including Taxes	Suggested Delivery period (Lot wise) No of days
1	2	3	4	5	6	7 = 5 x 6	8	9 = 7 + 8	
L5-I1	Optical Telecommunication & Fiber Optics			01 Nos					
L5-I2	Supplementary Spectrometry Set			01 Nos					
Total Amount									

Lot 06- Machine Learning and AI, Image Processing Kits

Item No.	Description	Country of Origin	Domestic Value Added in Percent	Quantity and Unit of Measurement	Unit Price EXW	Total EXW Price per item	Sales and Other Taxes Per Item	Total Price per Item including Taxes	Suggested Delivery period (Lot wise) No of days
1	2	3	4	5	6	7 = 5 x 6	8	9 = 7 + 8	
L6-I1	Raspberry Pi 4 Dekstop Kit			04 Nos					
L6-I2	Robotic AI Kit			05 Nos					
Total Amount									

Lot 07- Computers and Accessories

Item No.	Description	Country of Origin	Domestic Value Added in Percent	Quantity and Unit of Measurement	Unit Price EXW	Total EXW Price per item	Sales and Other Taxes Per Item	Total Price per Item including Taxes	Suggested Delivery period (Lot wise) No of days
1	2	3	4	5	6	7 = 5 x 6	8	9 = 7 + 8	
L7-I1	Solid State Drive			50 Nos					
L7-I2	Laptop for Student Practical's & Data Acquisition Interfaces			10 Nos					
L7-I3	External Hard Drivers for Data storage			10 Nos					
Total Amount									

Lot 08- Computers and Accessories

Item No.	Description	Country of Origin	Domestic Value Added in Percent	Quantity and Unit of Measurement	Unit Price EXW	Total EXW Price per item	Sales and Other Taxes Per Item	Total Price per Item including Taxes	Suggested Delivery period (Lot wise) No of days
1	2	3	4	5	6	7 = 5 x 6	8	9 = 7 + 8	
L8-I1	Anvil Kit			01 Nos					
L8-I2	Set of Gauge Blocks			01 Nos					
L8-I3	IR Thermometer			01 Nos					
L8-I4	Bourdon Tube pressure Gauges (0-60 bar)			01 Nos					
L8-I5	Dial Thermometer			01 Nos					
L8-I6	Inside micrometer			01 Nos					
L8-I7	Dial Thickness Gauge			01 Nos					
L8-I8	Point Inside Measuring Instrument Bore Gauge			01 Nos					
L8-I9	Digital Thermometer with Sensors			01 Nos					
L8-I10	Dial Gauge			01 Nos					
Total Amount									

Lot 09- Electronics and Robotics

Item No.	Description	Country of Origin	Domestic Value Added in Percent	Quantity and Unit of Measurement	Unit Price EXW	Total EXW Price per item	Sales and Other Taxes Per Item	Total Price per Item including Taxes	Suggested Delivery period (Lot wise) No of days
1	2		4	5	6	7 = 5 x 6	8	9 = 7 + 8	
L9-I1	Heavy Load Drone Kit			01 Nos					
L9-I2	Light weight Drone Kit			01 Nos					
L9-I3	FPV Drone Kit by "wozED"			02 Nos					
Total Amount									

Lot 10- Miscellaneous

Item No.	Description	Country of Origin	Domestic Value Added in Percent	Quantity and Unit of Measurement	Unit Price EXW	Total EXW Price per item	Sales and Other Taxes Per Item	Total Price per Item including Taxes	Suggested Delivery period (Lot wise) No of days
1	2	3	4	5	6	7 = 5 x 6	8	9 = 7 + 8	
L10-I1	Storage Box Type 1 - With Lid			40 Nos					
L10-I2	Storage Box Type 2 - With Lid			10 Nos					
L10-I3	Expanded Polyethylene foarm			01 Nos					

Item No.	Description	Country of Origin	Domestic Value Added in Percent	Quantity and Unit of Measurement	Unit Price EXW	Total EXW Price per item	Sales and Other Taxes Per Item	Total Price per Item including Taxes	Suggested Delivery period (Lot wise) No of days
1	2	3	4	5	6	7 = 5 x 6	8	9 = 7 + 8	
L10-I4	Plastic Trays			20 Nos					
L10-I5	Trolley Type 1			01 Nos					
L10-I6	Trolley Type 2			01 Nos					
Total Amount									

Notes:

Column 4: In accordance with margin of preference ITB 35, if applicable.
Domestic Value Added comprises domestic labor, the domestic content of materials, domestic overheads and profits from the stage of mining the raw material until final assembly.

Column 6: Incoterm in accordance with ITB 14
Currency in accordance with ITB 15
Price shall include all customs duties and sales and other taxes already paid or payable on the components and raw materials used in the manufacture or assembly of the item or the customs duties and sales and other taxes already paid on previously imported items.

Column 8: Payable in the Purchaser's country if Contract is awarded

Name _____

In the capacity of _____

Signed _____

Duly authorized to sign the Bid for and on behalf of _____ Date _____

Price Schedule for Goods to Be Offered from Outside the Purchaser's Country

Name of Bidder _____ IFB Number _____ Page ___ of ___

Lot 01-Embedded Systems

Item No.	Description	Country of Origin	Domestic Value Added in Percent	Quantity and Unit of Measurement	Unit Price EXW	Total EXW Price per item	Sales and Other Taxes Per Item	Total Price per Item including Taxes	Suggested Delivery period (Lot wise) No of days
1	2	3	4	5	6	7 = 5 x 6	8	9 = 7 + 8	
L1-I1	Portable Embedded student design device			02 Nos					
L1-I2	Student Data Acquisition Device for portable measurements			10 Nos					
Total Amount									

Lot 02- Vacuum Based Demonstration Kit

Item No.	Description	Country of Origin	Domestic Value Added in Percent	Quantity and Unit of Measurement	Unit Price EXW	Total EXW Price per item	Sales and Other Taxes Per Item	Total Price per Item including Taxes	Suggested Delivery period (Lot wise) No of days
1	2	3	4	5	6	7 = 5 x 6	8	9 = 7 + 8	
L2-I1	Coin & Feather Demo			02 Nos					
L2-I2	Bell & Jar Demo			02 Nos					
L2-I3	Electrical Vacuum Pump			02 Nos					
Total Amount									

Lot 03- Thermodynamics and radiation Kits

Item No.	Description	Country of Origin	Domestic Value Added in Percent	Quantity and Unit of Measurement	Unit Price EXW	Total EXW Price per item	Sales and Other Taxes Per Item	Total Price per Item including Taxes	Suggested Delivery period (Lot wise) No of days
1	2	3	4	5	6	7 = 5 x 6	8	9 = 7 + 8	
L3-I1	Experiment Kit for demonstrate & measure heat conduction			02 Nos					
L3-I2	Stefan Boltzmann kit			01 Nos					
Total Amount									

Lot 04- Mechanics Experiment Kits

Item No.	Description	Country of Origin	Domestic Value Added in Percent	Quantity and Unit of Measurement	Unit Price EXW	Total EXW Price per item	Sales and Other Taxes Per Item	Total Price per Item including Taxes	Suggested Delivery period (Lot wise) No of days
1	2	3	4	5	6	7 = 5 x 6	8	9 = 7 + 8	
L4-I1	Newton Cardle Model			01 Nos					
L4-I2	Airflow Apparatus Kit			01 Nos					
Total Amount									

Lot 05- Fiber Optical Communication Kit

Item No.	Description	Country of Origin	Domestic Value Added in Percent	Quantity and Unit of Measurement	Unit Price EXW	Total EXW Price per item	Sales and Other Taxes Per Item	Total Price per Item including Taxes	Suggested Delivery period (Lot wise) No of days
1	2	3	4	5	6	7 = 5 x 6	8	9 = 7 + 8	
L5-I1	Optical Telecommunication & Fiber Optics			01 Nos					
L5-I2	Supplementary Spectrometry Set			01 Nos					
Total Amount									

Lot 06- Machine Learning and AI, Image Processing Kits

Item No.	Description	Country of Origin	Domestic Value Added in Percent	Quantity and Unit of Measurement	Unit Price EXW	Total EXW Price per item	Sales and Other Taxes Per Item	Total Price per Item including Taxes	Suggested Delivery period (Lot wise) No of days
1	2	3	4	5	6	7 = 5 x 6	8	9 = 7 + 8	
L6-I1	Raspberry Pi 4 Dekstop Kit			04 Nos					
L6-I2	Robotic AI Kit			05 Nos					
Total Amount									

Lot 07- Computers and Accessories

Item No.	Description	Country of Origin	Domestic Value Added in Percent	Quantity and Unit of Measurement	Unit Price EXW	Total EXW Price per item	Sales and Other Taxes Per Item	Total Price per Item including Taxes	Suggested Delivery period (Lot wise) No of days
1	2	3	4	5	6	7 = 5 x 6	8	9 = 7 + 8	
L7-I1	Solid State Drive			50 Nos					
L7-I2	Laptop for Student Practical's & Data Acquisition Interfaces			10 Nos					
L7-I3	External Hard Drivers for Data storage			10 Nos					
Total Amount									

Lot 08- Computers and Accessories

Item No.	Description	Country of Origin	Domestic Value Added in Percent	Quantity and Unit of Measurement	Unit Price EXW	Total EXW Price per item	Sales and Other Taxes Per Item	Total Price per Item including Taxes	Suggested Delivery period (Lot wise) No of days
1	2	3	4	5	6	7 = 5 x 6	8	9 = 7 + 8	
L8-I1	Anvil Kit			01 Nos					
L8-I2	Set of Gauge Blocks			01 Nos					
L8-I3	IR Thermometer			01 Nos					
L8-I4	Bourdon Tube pressure Gauges (0-60 bar)			01 Nos					
L8-I5	Dial Thermometer			01 Nos					
L8-I6	Inside micrometer			01 Nos					
L8-I7	Dial Thickness Gauge			01 Nos					
L8-I8	Point Inside Measuring Instrument Bore Gauge			01 Nos					
L8-I9	Digital Thermometer with Sensors			01 Nos					
L8-I10	Dial Gauge			01 Nos					
Total Amount									

Lot 09- Electronics and Robotics

Item No.	Description	Country of Origin	Domestic Value Added in Percent	Quantity and Unit of Measurement	Unit Price EXW	Total EXW Price per item	Sales and Other Taxes Per Item	Total Price per Item including Taxes	Suggested Delivery period (Lot wise) No of days
1	2		4	5	6	7 = 5 x 6	8	9 = 7 + 8	
L9-I1	Heavy Load Drone Kit			01 Nos					
L9-I2	Light weight Drone Kit			01 Nos					
L9-I3	FPV Drone Kit by "wozED"			02 Nos					
Total Amount									

Lot 10- Miscellaneous

Item No.	Description	Country of Origin	Domestic Value Added in Percent	Quantity and Unit of Measurement	Unit Price EXW	Total EXW Price per item	Sales and Other Taxes Per Item	Total Price per Item including Taxes	Suggested Delivery period (Lot wise) No of days
1	2	3	4	5	6	7 = 5 x 6	8	9 = 7 + 8	
L10-I1	Storage Box Type 1 - With Lid			40 Nos					
L10-I2	Storage Box Type 2 - With Lid			10 Nos					
L10-I3	Expanded Polyethylene foarm			01 Nos					

Item No.	Description	Country of Origin	Domestic Value Added in Percent	Quantity and Unit of Measurement	Unit Price EXW	Total EXW Price per item	Sales and Other Taxes Per Item	Total Price per Item including Taxes	Suggested Delivery period (Lot wise) No of days
1	2	3	4	5	6	7 = 5 x 6	8	9 = 7 + 8	
L10-I4	Plastic Trays			20 Nos					
L10-I5	Trolley Type 1			01 Nos					
L10-I6	Trolley Type 2			01 Nos					
Total Amount									

Notes:

- Column 4: In accordance with margin of preference ITB 35, if applicable.
Domestic Value Added comprises domestic labor, the domestic content of materials, domestic overheads and profits from the stage of mining the raw material until final assembly.
- Column 6: Incoterm in accordance with ITB 14
Currency in accordance with ITB 15
Price shall include all customs duties and sales and other taxes already paid or payable on the components and raw materials used in the manufacture or assembly of the item or the customs duties and sales and other taxes already paid on previously imported items.
- Column 8: Payable in the Purchaser's country if Contract is awarded

Name _____

In the capacity of _____ Signed _____

Duly authorized to sign the Bid for and on behalf of _____ Date _____

Price Schedule for Related Services to Be Offered from Outside and Within the Purchaser's Country

Name of Bidder _____ IFB Number _____ Page ___ of ___

Item No.	Description	Country/Countries of Origin	Quantity and Unit of Measurement	Unit Price		Total Price per Item	
				(a)	(b)	(a)	(b)
				Foreign Currency	Local Currency	Foreign Currency	Local Currency
1	2	3	4	5(a)	5(b)	6(a) = 4 x 5(a)	6(b) = 4 x 5(b)
Lot 01	Embedded Systems						
Lot 02	Vacuum Based Demonstration Kit						
Lot 03	Thermodynamics and radiation Kits						
Lot 04	Mechanics Experiment Kits						
Lot 05	Fiber Optical Communication Kit						
Lot 06	Machine Learning and AI, Image Processing Kits						
Lot 07	Computers and Accessories						
Lot 08	Meteorology Experiments						
Lot 09	Electronics and Robotics						
Lot 10	Miscellaneous						
Total							

Notes: Columns 5 and 6: Currencies in accordance with ITB 15

Prices are to be quoted inclusive of all custom duties, sales, and other similar taxes applicable in the Purchaser's country and payable on the Related Services, if Contract is awarded to the Bidder.

Name _____

In the capacity of _____

Signed _____

Duly authorized to sign the Bid for and on behalf of _____

Date ____

Bid Security Bank Guarantee

*[insert bank's name, and address of issuing branch or office]*⁴

Beneficiary: *Vice Chancellor, Sabaragamuwa University Of Sri Lanka*
Date: *[insert date (as day, month, and year)]*
Bid Security No.: *[insert number]*

We have been informed that *[insert name of the bidder]* (hereinafter called "the Bidder") has submitted to you its bid dated *[insert date (as day, month, and year)]* (hereinafter called "the Bid") for the execution of *[insert name of contract]* under Invitation for Bids No. *[insert IFB number]* ("the IFB").

Furthermore, we understand that, according to your conditions, bids must be supported by a bid guarantee.

At the request of the Bidder, we *[insert name of bank]* hereby irrevocably undertake to pay you any sum or sums not exceeding in total an amount of *[insert amount in words]* *[insert amount in figures]* upon receipt by us of your first demand in writing accompanied by a written statement, stating that the Bidder is in breach of its obligation(s) under the bid conditions, because the Bidder

- (a) has withdrawn its Bid during the period of bid validity specified by the Bidder in the Bid Submission Sheet; 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 Agreement; or (ii) fails or refuses to furnish the Performance Security, in accordance with the ITB.

This guarantee will expire (a) if the Bidder is the successful Bidder, upon our receipt of copies of the Contract Agreement signed by the Bidder and the Performance Security issued to you upon the instruction of the Bidder; or (b) if the Bidder is not the successful Bidder, upon the earlier of (i) our receipt of a copy of your notification to the Bidder of the name of the successful Bidder, or (ii) 28 days after the expiration of the Bidder's bid.

Consequently, any demand for payment under this guarantee must be received by us at the office indicated above on or before that date.

This guarantee is subject to the Uniform Rules for Demand Guarantees (URDG) 2010 Revisions, ICC Publication No. 758.⁵

[Authorized signature(s) and bank's seal (where appropriate)]

⁴ All italicized text is for use in preparing this form and shall be deleted from the final document.

⁵ Or the Purchaser may use "Uniform Rules for Demand Guarantees (URDG), ICC Publication No. 458" as appropriate.

Bid-Securing Declaration

Date: *[insert date (as day, month, and year)]*

Bid No.: *[insert number of bidding process]*

Alternative No.: *[insert identification No if this is a bid for an alternative]*

To: *[insert complete name of the Purchaser]*

We, the undersigned, declare that:

We understand that, according to your conditions, bids must be supported by a Bid-Securing Declaration.

We accept that we will automatically be suspended from being eligible for bidding in any contract with the Borrower for the period of time of *[insert number of years indicated in ITB 21.2 of the BDS]* starting on the date that we receive a notification from the Purchaser that our Bid-Securing Declaration is executed, if we are in breach of our obligation(s) under the bid conditions, because we

- (a) have withdrawn our Bid during the period of bid validity specified in the Bid Submission Sheet; or
- (b) do not accept the correction of errors in accordance with the Instructions to Bidders (hereinafter "the ITB"); or
- (b) having been notified of the acceptance of our Bid by the Purchaser during the period of bid validity, (i) fail or refuse to execute the Contract Agreement, if required, or (ii) fail or refuse to furnish the Performance Security, in accordance with the ITB.

We understand this Bid-Securing Declaration shall expire if we are not the successful Bidder, upon the earlier of (i) our receipt of your notification to us of the name of the successful Bidder; or (ii) 28 days after the expiration of our Bid.

Signed: *[insert signature of person whose name and capacity are shown]*

In the capacity of *[insert legal capacity of person signing the Bid-Securing Declaration]*

Name: *[insert complete name of person signing the Bid-Securing Declaration]*

Duly authorized to sign the bid for and on behalf of *[insert complete name of the bidder]*

Dated on _____ day of _____, _____ *[insert date of signing]*

Corporate Seal *(where appropriate)*

Manufacturer's Authorization

Date: *[insert date (as day, month, and year) of bid submission]*

OCB No.: *[insert number of bidding process]*

To: *[insert complete name of the Purchaser]*

WHEREAS

We *[insert complete name of the 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 the 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 28 of the General Conditions, 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 the manufacturer]*

Dated on _____ day of _____, _____ *[insert date of signing]*

Note

All italicized text is for use in preparing this form and shall be deleted from the final document.

The bidder shall require the manufacturer to fill out this form in accordance with the instructions indicated. This letter of authorization 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 Bid Data Sheet (BDS).

AFFILIATE COMPANY GUARANTEE

Name of Contract/Contract No.: _____

Name and address of Purchaser: _____
 [together with successors and assigns].

We have been informed that [name of Contractor] (hereinafter called the "Contractor") is submitting an offer for the above-referenced Contract in response to your invitation, and that the conditions of your invitation require its offer to be supported by an affiliate company guarantee.

In consideration of you, the Purchaser, awarding the Contract to the Contractor, we [name of affiliated company] irrevocably and unconditionally guarantee to you, as a primary obligation, that (i) throughout the duration of the Contract, we will make available to the Contractor our financial, technical capacity, expertise and resources required for the Contractor's satisfactory performance of the Contract; and (ii) we are fully committed, along with the Contractor, to ensuring a satisfactory performance of the Contract.

If the Contractor fails to so perform its obligations and liabilities and comply with the Contract, we will indemnify the Purchaser against and from all damages, losses and expenses (including legal fees and expenses) which arise from any such failure for which the Contractor is liable to the Purchaser under the Contract.

This guarantee shall come into full force and effect when the Contract comes into full force and effect. If the Contract does not come into full force and effect within a year of the date of this guarantee, or if you demonstrate that you do not intend to enter into the Contract with the Contractor, this guarantee shall be void and ineffective. This guarantee shall continue in full force and effect until all the Contractor's obligations and liabilities under the Contract have been discharged, when this guarantee shall expire and shall be returned to us, and our liability hereunder shall be discharged absolutely.

This guarantee shall apply and be supplemental to the Contract as amended or varied by the Purchaser and the Contractor from time to time. We hereby authorize them to agree on any such amendment or variation, the due performance of which and compliance with which by the Contractor are likewise guaranteed hereunder. Our obligations and liabilities under this guarantee shall not be discharged by any allowance of time or other indulgence whatsoever by the Purchaser to the Contractor, or by any variation or suspension of the works to be executed under the Contract, or by any amendments to the Contract or to the constitution of the Contractor or the Purchaser, or by any other matters, whether with or without our knowledge or consent.

This guarantee shall be governed by the law of the same country (or other jurisdiction) that governs the Contract and any dispute under this guarantee shall be finally settled under the [Rules or Arbitration provided in the Contract]. We confirm that the benefit of this guarantee may be assigned subject only to the provisions for assignment of the Contract.

Signed by:..... <div style="text-align: center;">(signature)</div> <div style="text-align: center;">(name)</div> <div style="text-align: center;">(position in parent/subsidiary company)</div>	Signed by: <div style="text-align: center;">(signature)</div> <div style="text-align: center;">(name)</div> <div style="text-align: center;">(position in parent/subsidiary company)</div>
Date:.....	

-- Note --

If permitted in accordance with ITB 38.2 of the BDS, the Bidder shall provide the Affiliate Company Guarantee Form filled out and signed by each subsidiary, parent entity, or affiliate that the Bidder submits for consideration of the Purchaser in determining its qualifications.

Bidder's Qualification

To establish its qualifications to perform the contract in accordance with Section 3 (Evaluation and Qualification Criteria), the Bidder shall provide the following information requested in the corresponding Information Sheets.

Form ELI - 1: Bidders Information Sheet

Bidder's Information			
		Information of the Bidder	If the Bidder is a subsidiary or branch, information of any parent company/companies
Names	Full legal name(s)		
	Full trading name(s) (if any)		
Addresses	Registered address(es)		
	Trading address(es)		
	Postal address(es) (if different from trading address)		
Type of organization			
Country of constitution/incorporation/registration			
Year of constitution/incorporation/registration			
Corporate or registration number			
In case of a Joint Venture, legal name of each partner			

Bidders authorized representative

(name, address, telephone number(s), fax number(s) and e-mail address)

Attached are copies of the following documents:

1. In case of a single entity, articles of incorporation or constitution and company incorporation/registration of the legal entity named above, in accordance with ITB 4.1 and ITB 4.2
2. Authorization to represent the firm or Joint Venture named above, in accordance with ITB 22.2
3. In case of a Joint Venture, a letter of intent to form a Joint Venture or Joint Venture agreement, in accordance with ITB 4.1
4. In case of a government-owned enterprise, any additional documents not covered under 1 above required to comply with ITB 4.5

Form ELI - 2: Joint Venture Information Sheet

Each member of the Joint Venture must fill out this form separately.

Joint Venture Information			
Bidder's legal name			
		Information of Joint Venture Partner	If any Joint Venture Partner is a subsidiary or branch, information of any parent company/companies
Names	Full legal name		
	Full trading name(s) (if any)		
Addresses	Registered address(es)		
	Trading address(es)		
	Postal address(es) (if different from trading address)		
Type of organization			
Country of constitution/incorporation/registration			
Year of constitution/incorporation/registration			
Corporate or registration number			
Joint Venture Partner's authorized representative information (name, address, telephone number(s), fax number(s) and e-mail address)			
<p>Attached are copies of the following documents:</p> <ol style="list-style-type: none"> 1. Articles of incorporation or constitution and company incorporation/registration of the legal entity named above, in accordance with ITB 4.1 and ITB 4.2 2. Authorization to represent the firm named above, in accordance with ITB 22.2 3. In the case of a government-owned enterprise, documents establishing legal and financial autonomy and compliance with commercial law, in accordance with ITB 4.5 			

Form CON – 1: Historical Contract Nonperformance

For Contract type B, each Bidder must fill out this form in accordance with Criteria 2.2.1 and 2.2.3 of Section 3 (Evaluation and Qualification Criteria) to describe any history of nonperforming contracts and pending litigation or arbitration formally commenced against it.

In case of a Joint Venture, each Joint Venture Partner must fill out this form separately and provide the Joint Venture Partner's name:

Joint Venture Partner: _____

Table 1: History of Nonperforming Contracts			
Choose one of the following: <input type="checkbox"/> No nonperforming contracts. <input type="checkbox"/> Below is a description of nonperforming contracts involving the Bidder (or each Joint Venture partner if Bidder is a Joint Venture).			
Year	Description	Amount of Nonperformed Portion of Contract (\$ equivalent)	Total Contract Amount (\$ equivalent)
[insert year]	Contract Identification: [indicate complete contract name/ number, and any other identification] Name of Purchaser: [insert full name] Address of Purchaser: [insert street/city/country] Reason(s) for nonperformance: [indicate main reason(s)]	[insert amount]	[insert amount]
Table 2: Pending Litigation and Arbitration			
Choose one of the following: <input type="checkbox"/> No pending litigation, arbitration or any other material events impacting the net worth and/or liquidity of the bidder. <input type="checkbox"/> Below is a description of all pending litigation, arbitration involving the Bidder or any other material events impacting the net worth and/or liquidity of the bidder (or each Joint Venture partner if Bidder is a Joint Venture).			
Year	Matter in Dispute	Value of Pending Claim in \$ Equivalent	Value of Pending Claim as a Percentage of Net Worth
[insert year]	Contract Identification, as applicable: [indicate complete contract name/ number, and any other identification] Name of Purchaser, parties involved in the material events impacting the net worth and/or liquidity of the bidder: [insert full name] Address of Purchaser, parties involved in the material events impacting the net worth and/or liquidity of the bidder: [insert street/city/country] Matter of Dispute: [indicate full description of dispute] Party who initiated the dispute: [indicate "Purchaser" or "Contractor"] Status: [indicate status of dispute]	[insert amount]	[insert amount]

- Note -

Table 2 of this form shall only be included if Criterion 2.2.3 (Contract Type B) of Section 3 (Evaluation and Qualification Criteria) is applicable.

Form EXP - 1: Contractual Experience

Fill out one (1) form per contract. Each contract shall be supported by Signed Contract Agreement.

Contractual Experience		
Contract No of	Contract Identification	
Award Date	Completion Date	
Role in Contract	<input type="checkbox"/> Manufacturer	<input type="checkbox"/> Supplier <input type="checkbox"/> Subcontractor
Total Contract Amount		
If partner in a joint venture or subcontractor, specify participation of total contract amount	Percent of Total	Amount
Purchaser's name Address Telephone/Fax Number E-mail		
Description of the Similarity in Accordance with Criteria 2.2.1 (Contract Type A) or 2.3.1 (Contract Type B) of Section 3 (Evaluation and Qualification Criteria)		
Successful completion as main supplier within the last three years, of at least two contracts each valued not less than LKR 28 Mn. For L1 to L10 - and complexity similar to the scope of supply described in Section 6 of the bidding document.		

- Note -

This form shall only be included if either Criterion 2.2.1 (Contract Type A) or 2.3.1 (Contract Type B) of Section 3 (Evaluation and Qualification Criteria) is applicable.

Form EXP - 2: Technical Experience

Fill out one (1) form per contract. Each contract shall be supported by Signed Contract Agreement.

Technical Experience	
Name of Product	
Manufacturer:	Address and Nationality:
Requirements in Accordance with Criterion 2.3.2 (Contract Type B) of Section 3 (Evaluation and Qualification Criteria)	
(i) Product has been in production for at least years.	
(ii) Product (or equipment) has been sold a minimum of units of similar type and specification over the last three (3) years.	
(iii) Product has been in operation for a minimum of years.	

- Note -

This form shall only be included if Criterion 2.3.2 (Contract Type B) of Section 3 (Evaluation and Qualification Criteria) is applicable. Add pages as necessary. The Purchaser reserves the right to verify authenticity of Bidder submissions.

Form EXP - 3: Production Capacity

Fill out one (1) form per product and manufacturer.

Production Capacity	
Name of Product	
Manufacturer:	Address and Nationality:
Requirements in Accordance with Criterion 2.3.3 (Contract Type B) of Section 3 (Evaluation and Qualification Criteria)	
Production facility 1 (include location):	
Production facility 2 (include location):	
Production facility 3 (include location):	

- Note -

This form shall only be included if Criterion 2.3.3 (Contract Type B) of Section 3 (Evaluation and Qualification Criteria) is applicable. The Purchaser reserves the right to verify authenticity of Bidder submissions.

Form FIN - 1: Historical Financial Performance

Each Bidder must fill out this form.

In case of a Joint Venture, each Joint Venture Partner must fill out this form separately and provide the Joint Venture Partner's name:

Joint Venture Partner: _____

Financial Data for Previous ____ Years [\$ Equivalent]		
Year 1:2021/2022	Year 2: 2020/2021	Year __: 2019/2020

Information from Balance Sheet

Total Assets (TA)			
Total Liabilities (TL)			
Net Worth = TA-TL			
Current Assets (CA)			
Current Liabilities (CL)			
Working Capital = CA - CL			

Most Recent Working Capital		To be obtained for most recent year and carried forward to FIN - 3 Line 1; in case of Joint Ventures, to the corresponding Joint Venture Partner's FIN - 3.
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Information from Income Statement

Total Revenues			
Profits Before Taxes			
Profits After Taxes			

- Attached are copies of financial statements (balance sheets including all related notes, and income statements) for the last ____ years, as indicated above, complying with the following conditions:
- Unless otherwise required by Section 3 of the Bidding Documents, all such documents reflect the standalone financial situation of the legal entity or entities comprising the Bidder and not the Bidder's parent companies, subsidiaries, or affiliates.
 - Historical financial statements must be audited by a certified accountant.
 - Historical financial statements must be complete, including all notes to the financial statements.
 - Historical financial statements must correspond to accounting periods already completed and audited (no statements for partial periods shall be requested or accepted).

- Note -

This form shall only be included if Criterion 2.3.1 (Contract Type A) or 2.4.1 (Contract Type B) of Section 3 (Evaluation and Qualification Criteria) is applicable.

Form FIN - 2: Size of Operation (Average Annual Turnover)

Each Bidder must fill out this form.

The information supplied should be the Annual Turnover of the Bidder or each partner of a Joint Venture for the total certified payments received from the clients for contracts in progress or completed, converted to US dollars at the rate of exchange at the end of the period reported.

In case of a Joint Venture, each Joint Venture Partner must fill out this form separately and provide the Joint Venture Partner's name:

Joint Venture Partner: _____

Annual Turnover Data for the Last . . . Years			
Year	Amount Currency	Exchange Rate	\$ Equivalent
Average Annual Turnover			

- Note -

This form shall only be included if Criterion 2.3.2 (Contract Type A) or 2.4.2 (Contract Type B) of Section 3 (Evaluation and Qualification Criteria) is applicable.

Form FIN - 3: Cash Flow Capacity

Specify proposed sources of financing, such as working capital, liquid assets,⁶ lines of credit, and other financial resources (other than any contractual advance payments) available to meet the cash flow requirements indicated under Criterion 2.4.3 (Contract Type B) of Section 3 (Evaluation and Qualification Criteria).

Financial Resources		
No.	Source of financing	Amount (\$ equivalent)
1		
2		
3		

- Note -

This form shall only be included if Criterion 2.4.3 (Contract Type B) of Section 3 (Evaluation and Qualification Criteria) is applicable.

⁶ Liquid assets mean cash and cash equivalents, short-term financial instruments, short-term available-for-sale-securities, marketable securities, trade receivables, short-term financing receivables, and other assets that can be converted into cash within one (1) year.

Section 5: Eligible Countries

Regional Member Countries

1. [Afghanistan](#)
2. [Armenia](#)
3. [Australia](#)
4. [Azerbaijan](#)
5. [Bangladesh](#)
6. [Bhutan](#)
7. [Brunei Darussalam](#)
8. [Cambodia](#)
9. [China, People's Republic of](#)
10. [Cook Islands](#)
11. [Fiji](#)
12. [Georgia](#)
13. [Hong Kong, China](#)
14. [India](#)
15. [Indonesia](#)
16. [Japan](#)
17. [Kazakhstan](#)
18. [Kiribati](#)
19. [Korea, Republic of](#)
20. [Kyrgyz Republic](#)
21. [Lao People's Democratic Republic](#)
22. [Malaysia](#)
23. [Maldives](#)
24. [Marshall Islands](#)
25. [Micronesia, Federated States of](#)
26. [Mongolia](#)
27. [Myanmar](#)
28. [Nauru](#)
29. [Niue](#)
30. [Nepal](#)
31. [New Zealand](#)
32. [Pakistan](#)
33. [Palau](#)
34. [Papua New Guinea](#)
35. [Philippines](#)
36. [Samoa](#)
37. [Singapore](#)
38. [Solomon Islands](#)
39. [Sri Lanka](#)
40. [Taipei, China](#)
41. [Tajikistan](#)
42. [Thailand](#)
43. [Timor-Leste](#)
44. [Tonga](#)
45. [Turkmenistan](#)
46. [Tuvalu](#)
47. [Uzbekistan](#)
48. [Vanuatu](#)
49. [Viet Nam](#)

Non-regional member Countries

1. [Austria](#)
2. [Canada](#)
3. [Denmark](#)
4. [Finland](#)
5. [France](#)
6. [Germany](#)
7. [Ireland](#)
8. [Italy](#)
9. [Luxembourg](#)
10. [The Netherlands](#)
11. [Norway](#)
12. [Portugal](#)
13. [Spain](#)
14. [Sweden](#)
15. [Switzerland](#)
16. [Turkey](#)
17. [United Kingdom](#)
18. United States
19. Belgium

Section 6- Schedule of Supply

Contents

<u>1.</u>	<u>List of Goods and Related Service</u>	2
<u>2.</u>	<u>Delivery and Completion Schedule</u>	2
<u>3.</u>	<u>Technical Specifications</u>	7

1. List of Goods and Related Service

Lot 01.:			
Lot name: Embedded Systems			
Item No.	Name of Goods or Related Services	Unit of Measurement	Quantity
	L1.1 Portable Embedded student design device	Nos.	2
	L1.2 Student Data Acquisition Device for portable measurements	Nos.	10
Lot 02.:			
Lot name: Vacuum Based Demonstration Kit			
	L2.1 Coin & Feather Demo	Nos.	2
	L2.2 Bell & Jar Demo	Nos.	2
	L2.3 Electrical Vacuum Pump	Nos.	2
Lot 03.:			
Lot name: Thermodynamics and radiation Kits			
	L3.1 Experiment Kit for demonstrate & measure heat conduction	Nos.	2
	L3.2 Stefan Boltzmann kit	Nos.	1
Lot 04.:			
Lot name: Mechanics Experiment Kits			
	L4.1 Newton Cardle Model	Nos.	1
	L4.2 Airflow Apparatus Kit	Nos.	1
Lot 05.:			
Lot name: Fiber Optical Communication Kit			
	L5.1 Optical Telecommunication & Fiber Optics	Nos.	1

	L5.2 Supplementary Spectrometry Set	Nos.	1
Lot 06.:			
Lot name: Machine Learning and AI, Image Processing Kits			
	L6.1 Raspberry Pi 4 Dekstop Kit	Nos.	4
	L6.2 Robotic AI Kit	Nos.	5
Lot 07.:			
Lot name: Computers and Accessories			
	L7.1 Solid State Drive	Nos.	50
	L7.2 Laptop for Student Practicals & Data Acquisition Interfaces	Nos.	10
	L7.3 External Hard Drivers for Data storage	Nos.	10
Lot 08.:			
Lot name: Meteorology Experiments			
	L8.1 Anvil Kit	Nos.	1
	L8.2 Set of Gauge Blocks	Nos.	1
	L8.3 IR Thermometer	Nos.	1
	L8.4 BourdonTube pressure Gauges(0-60 bar)	Nos.	1
	L8.5 Dial Thermometer	Nos.	1
	L8.6 Inside micrometer	Nos.	1
	L8.7 Dial Thickness Gauge	Nos.	1
	L8.8 2-Point Inside Measuring Instrument Bore Gauge	Nos.	1

	L 8.9 Digital Thermometer with Sensors	Nos.	1
	L8.10 Dial Gauge	Nos.	1
Lot 09.:			
Lot name: Electronics and Robotics			
	L9.1 Heavy Load Drone Kit	Nos.	1
	L9.2 Light weight Drone Kit	Nos.	1
	L.9.3 FPV Drone Kit by “wozED”	Nos.	2
Lot 10.:			
Lot name: Miscellaneous			
	L10.1 Storage Box Type 1 - With Lid	Nos.	40
	L10.2 Storage Box Type 2 - With Lid	Nos.	10
	L10.3 Expanded Polyethylene foarm	Cubic Meters	1
	L10.4 Plastic Trays	Nos.	20
	L10.5 Trolley Type 1	Nos.	1
	L10.6 Trolley Type 2	Nos.	1

2. Delivery and Completion Schedule

The delivery period shall start as of _____.

Lot No.	Description of Goods or Related Services	Delivery Schedule (Duration)	Location	Required Arrival Date of Goods or Completion Date for Related Services
Lot 01	Supply of Embedded Systems	Delivery and final installation within 12 weeks of Signing the Contract Agreement. No further Extensions will be given.	Faculty of Technology, Sabaragamuwa University of Sri Lanka, Belihuloya	12 weeks from the date of signing the Contract Agreement
Lot 02	Supply, install Vacuum Based Demonstration Kit	Delivery and final installation within 12 weeks of Signing the Contract Agreement. No further Extensions will be given.	Faculty of Technology, Sabaragamuwa University of Sri Lanka, Belihuloya	12 weeks from the date of signing the Contract Agreement
Lot 03	Supply Thermodynamics and Radiation Kits	Delivery and final installation within 12 weeks of Signing the Contract Agreement. No further Extensions will be given.	Faculty of Technology, Sabaragamuwa University of Sri Lanka, Belihuloya	12 weeks from the date of signing the Contract Agreement
Lot 04	Supply Mechanics Experiment Kits	Delivery and final installation within 12 weeks of Signing the Contract Agreement. No further Extensions will be given.	Faculty of Technology, Sabaragamuwa University of Sri Lanka, Belihuloya	12 weeks from the date of signing the Contract Agreement
Lot 05	Supply, install and training Fiber Optical Communication Kit	Delivery and final installation within 12 weeks of Signing the Contract Agreement. No further Extensions will be given.	Faculty of Technology, Sabaragamuwa University of Sri Lanka, Belihuloya	12 weeks from the date of signing the Contract Agreement

Lot 06	Supply Machine Learning and AI, Image Processing Kits	Delivery and final installation within 12 weeks of Signing the Contract Agreement. No further Extensions will be given.	Faculty of Technology, Sabaragamuwa University of Sri Lanka, Belihuloya	12 weeks from the date of signing the Contract Agreement
Lot 07	Supply Computers and Accessories	Delivery and final installation within 12 weeks of Signing the Contract Agreement. No further Extensions will be given.	Faculty of Technology, Sabaragamuwa University of Sri Lanka, Belihuloya	12 weeks from the date of signing the Contract Agreement
Lot 08	Supply Meteorology Experiments equipment	Delivery and final installation within 12 weeks of Signing the Contract Agreement. No further Extensions will be given.	Faculty of Technology, Sabaragamuwa University of Sri Lanka, Belihuloya	12 weeks from the date of signing the Contract Agreement
Lot 09	Supply Electronics and Robotics equipment	Delivery and final installation within 12 weeks of Signing the Contract Agreement. No further Extensions will be given.	Faculty of Technology, Sabaragamuwa University of Sri Lanka, Belihuloya	12 weeks from the date of signing the Contract Agreement
Lot 10	Supply Miscellaneous equipment	Delivery and final installation within 12 weeks of Signing the Contract Agreement. No further Extensions will be given.	Faculty of Technology, Sabaragamuwa University of Sri Lanka, Belihuloya	12 weeks from the date of signing the Contract Agreement

3. Technical Specifications

Procurement of **Physics Lab Equipment**

Lot No.	Item	Scope	Specification	Quantity	Bidders response	If “No” Bidders Comment
Lot 1 – (Embedded Systems)	L1.1 Portable Embedded student design device	Make Model	(Please specify) (Please specify)			
		Country of Origin	(Please specify)			
			<p>The device should include analog inputs, analog outputs, digital I/O lines, LEDs, a push button, an onboard accelerometer, a Xilinx FPGA, and a dual-core ARM Cortex-A9 processor.</p> <p>Should be able to plug and program with LabVIEW.</p> <p>Embedded Device features I/O on the sides of the device in the form of MXP and MSP connectors.</p> <p>or should provide similar performance</p>	2		

		Layout (Dimensions)	Specify			
		Technical Specs (At least similar or better capacity is expected)	Processor, Processor type - Xilinx Z-7010 Processor speed - 667 MHz Processor cores - 2			
			Memory Nonvolatile memory- 512 MB DDR3 memory - 256 MB DDR3 clock frequency- 533 MHz DDR3 data bus width- 16 bits			
			FPGA FPGA type - Xilinx Z-7010			
			Wireless Characteristics Radio mode - IEEE 802.11 b,g,n Frequency band - ISM 2.4 GHz Channel width - 20 MHz Channels - USA 1 to 11, International 1 to 13 TX power - +10 dBm max (10 mW) Outdoor range - Up to 150 m (line of sight) Antenna directivity - Omnidirectional Security - WPA, WPA2, WPA2- Enterprise			
			USB Ports USB host port - USB 2.0 Hi- Speed			

			USB device port - USB 2.0 Hi-Speed			
			Analogue Inputs, Aggregate sample rate- 500 kS/s Resolution - 12 bits Overvoltage protection- ± 16 V			
			For Analogue Outputs, AO channels on MXP connectors - 345 kS/s AO channels on MSP connector and audio output channels - 345 kS/s Resolution - 12 bits Overload protection- ± 16 V			
			Digital I/O MXP connectors: 2 ports of 16 DIO lines (one port per connector); one UART.RX and one UART.TX line per connector Logic level: 5 V compatible LVTTTL input; 3.3 V LVTTTL output.			
			For Accelerometer, Number of axes - 3 Range - ± 8 g Resolution - 12 bits Sample rate - 800 S/s,			

		Instrumentation and controls	Data analysis and displaying should be done in LabVIEW platform. Required software drivers should be included. Communication with PC through USB 2.0 BUS interface.			
		Power Supply	power requirement of 14 W with an input voltage range of 6 V to 16 V. Input : 230VAC ~ 50Hz			
		Operational instructions	A comprehensive operational manual with laboratory sheets Fully documented system models and parameters provided for LabVIEW™ Comprehensive relevant course resources provided by the manufacturer.			
		Warranty	Minimum one year			
	L1.2 Student Data Acquisition Device for portable measurements	Make	(Please specify)	10		
		Model	(Please specify)			
		Country of Origin	(Please specify)			
		Overview	portable measurement and instrumentation student device designed for hands-on experimentation in or outside the lab			

			plug-and-play computer-based lab instruments created with LabVIEW			
		Kit Contents:	Can be access all the ready-to-run software instruments to perform experiments and exercises with the Bode analyzer, arbitrary waveform generator, dynamic signal analyzer (supporting a fast Fourier transform), digital input, and digital output.			
			Device weight should be lightweight			
		Warranty	01 years			
		Manufacturer authorization Letter and Product broacher	Required			
		Training and After sales Services	Required			

<p>Lot 2 Vacuum Based Demonstration Kit</p>	<p>L2.1 Coin and Feather Demo Kit (Compare the free falling characteristics of different objects in a vacuum tube. Should come with all necessary parts like horses and clips.)</p>	<p>Make & Model Country of Origin</p>	<p>(Please specify) (Please specify)</p>	<p>2</p>		
	<p>L2.2 Bell and Jar Demo (Kit should comes with vacuum Jar with table, an alarm bell with required horses and clips)</p>	<p>Make & Model Country of Origin</p>	<p>(Please specify) (Please specify)</p>	<p>2</p>		
	<p>L2.3 Electric Vacuum Pump</p>	<p>Model Country of Origin Should be capable of using with L2.1 and L2.2 with less vibration and noise (Provide specification)</p>	<p>(Please specify) (Please specify) Single stage pump 1/3 HP or more Motor speed 1700 rpm or more 5 CFM Limited pressure 5Pa 115V/60Hz Includes manual and oil 11.25"L x 4.375"W x 9.5"H Tubing is ¼ in internal diameter or matched Should come with necessary accessories like clamps with extra pieces Should also provide necessary maintenance up to 2 years.</p>	<p>2</p>		

Lot 3 (Thermodynamics and radiation Kits)	L3.1 Experiment Kit for demonstrate and measure heat conduction	Make & Model Country of Origin	<p>(Please specify) (Please specify)</p> <p>Heat source: The kit should include a heat source that can be used to generate a steady and measurable heat flow. A common heat source used in heat conduction experiments is an electrical heater.</p> <p>Conducting material: The kit should include a conducting material that can be used to demonstrate heat conduction. Examples of conducting materials that can be used include metals, plastics, and wood.</p> <p>Insulating material: The kit should include an insulating material that can be used to demonstrate the effects of insulation on heat conduction. Examples of insulating materials that can be used include foam, fiberglass, and ceramics.</p>	2		

			<p>Temperature sensors: The kit should include temperature sensors that can be used to measure temperature at various points along the conducting and insulating materials. Examples of temperature sensors that can be used include thermocouples, thermistors, and resistance temperature detectors (RTDs).</p> <p>Everything should be capable of working as a single ecosystem.</p> <p>Please specify the include items separately.</p> <p>Practicals that should be capable of Demonstrating are as follows. (Should at least Cover 20 of them)</p> <p>Change in the volume of liquids due to heating Calibration of a thermometer Change in the volume of air due to changes in temperature Changes in state of an enclosed volume of air Changes in the length of solid bodies when heated Linear expansion coefficient</p>			
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			<p>Investigations using bimetal strips</p> <p>Transfer of heat in solid bodies</p> <p>Transfer of heat in liquids</p> <p>Transfer of heat in gases</p> <p>Radiation of heat</p> <p>Slowing down the transport of heat</p> <p>Temperature changes when liquids are heated</p> <p>Fundamental equation of thermodynamics</p> <p>Mixing water of differing temperatures, temperature of mixture</p> <p>Specific heat capacity of a calorimeter</p> <p>Specific heat capacity of metals</p> <p>Initial temperature of a metal body heated in a flame</p> <p>Conversion of electrical energy into heat</p> <p>Temperature changes when ice melts</p> <p>Specific latent heat of melting ice</p> <p>Boiling and condensation of water</p> <p>Distillation</p> <p>Evaporation of liquids (what it depends on and heat loss due to evaporation)</p>			
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			<p>Should come with separate protected (padded) storage box.</p> <p>Should provide complete set of practicals with diagrams. (Lab Manuals)</p>			
	L3.2 Stefan Boltzmann kit	<p>Make and Model</p> <p>Country of Origin</p> <p>Scope</p>	<p>(Please specify)</p> <p>(Please specify)</p> <p>The Stefan-Boltzmann Kit allows users to perform the following experiments:</p> <p>a. Verification of Stefan-Boltzmann Law: Measure the temperature and corresponding thermal radiation intensity emitted by the blackbody radiator at various temperatures. Plot the intensity versus temperature and verify the Stefan-Boltzmann law.</p> <p>b. Determination of Stefan-Boltzmann Constant: Use the measured intensities and temperatures to determine the Stefan-Boltzmann constant. Compare the obtained value with the accepted value.</p> <p>c. Study of Emissivity: Investigate the effect of varying</p>	1		

			the emissivity of the blackbody radiator on the measured intensities and determine the relationship between emissivity and radiation intensity.			
		Blackbody Radiator	Temperature range: 300 K - 2000 K or better			
			Emissivity: 0.95 or higher			
			Surface area: Sufficient for accurate measurements			
		Thermopile (ideally) / Thermocouple Sensor	Temperature range: compatible with temperature range of the lamp			
			Accuracy: $\pm 1^\circ\text{C}$ or better			
		Power Supply	Adjustable voltage and current output			
		Digital Multimeters	Voltage range: 200 mV –600 V or better (quantity three)			
			Resistance range: 200 Ω – 2000 k Ω CAT III 600 V safety			
		Connecting Cables	Cables for connecting the components and conducting measurements			
		User Manual	Detailed instructions for setup, calibration, and experimentation Lab Manuals of Practicals should also be provided by the supplier.			
		Warranty	Exclusive 3 year or more with services			

		Other	Installation and training			
Lot 4 (Mechanics Experiment Kits)	L4.1 Newton Cradle Model	Make and Model Country of Origin	(Please specify) (Please specify) Steel frame Six Steel Balls: 35 mm diameter or more. Individual Bifilar Suspensions Large-Scale Device Scale Printed on Base Width 11” or more Height 13” or more	1		
	L4.2 Airflow Apparatus Kit	Make and Model	(Please specify)	1		
		Country of Origin	(Please specify)			
		Scope	To demonstrate air flow patterns for objects of different shapes. To demonstrate drag forces and lift forces. The flow patterns can be projected onto a wide screen with an overhead projector. (to a large class)			
		Technical Specification				
		Size	Should be capable to fit in a table top, not less than 300 x 300 square mm			
		Scope of Delivery	Air flow apparatus			

			<p>Apparatus for demonstrating air flow patterns around bodies of different shapes.</p> <p>The air flow patterns should be projected on to a wide screen using an overhead projector.</p>			
			<p>1 Jet Nozzle Flow Laminator</p> <p>Should work with provided air blower</p> <p>Mounting apparatus (stand base, pole, clamps) should also be provided</p> <p>Should be capable of generating substantial flow at least reaching 20 cm away from the jet.</p>			
			<p>3D models (quantity 5 or more)</p> <p>Should be capable of using with component balance to demonstrate drag and lift.</p> <p>Different aerodynamic shapes made of wood or plastic materials.</p>			
			<p>Component Balance</p> <p>Should be capable of attach different models and measure the drag/lift forces.</p>			
			<p>Air Flow Generator</p> <p>Should be capable of used with above apparatus in tandem to demonstrate drag and lift forces as well as stream lines.</p>			

			All equipment should be compatible with Sri Lankan power parameters. (50 Hz/240 V)			
Lot 5 (Fiber Optical Communication Kit)	L5.1 Optical Telecommunications and Fiber Optics (with optical bench)	Make and Model	(Please specify)	1		
		Country of Origin	(Please specify)			
		General	<p>Kit should cover 80% of the following experiments.</p> <ul style="list-style-type: none"> Glass fibers and optical telecommunications Acceptance cone and optimization of coupling to a fiber optic cable Absorption, effect of the length of the transmission line Coupling losses Diffraction by an optical grating and optical multiplexing Dichroic filters and optical demultiplexing Spectral composition of light sources Spectral dispersion and recomposition Color and interference filters Signal shaping and matching Band width and limiting frequency 			

			<p>Calculation of theoretical band width Optical diaphony Optical bench should be magnetic and grided in 45 as well the riders.</p> <p>Grid radials: 0°, 45°, 90°, 135°; Grid subdivisions: 5 cm, 1 cm or similar acceptable standard.</p> <p>Should come with all required appartus like cables, filters, lenses, sensors, gratings etc. Should come with manuals for practicals.</p>			
		Warrenty	2 years comprehensive warrenty			
	L5.2 Supplementary Spectrometry Set	General	<p>The equipment set for investigating spectrometry of transmitted signals and measurement of absorption losses.</p> <p>Should be capable of used with above L5.1.</p> <p>Shoud consists of Spectrometer, reference light source, required and spare cables.</p>	1		
Lot 6	L6.1 Raspberry Pi 4 Desktop Kit	Make and Model Country of Origin	(Please specify)	4		

(Machine Learning and AI, Image Processing Kits)			(Please specify) Raspberry Pi 4 - 8GB Model			
			Compatible Wireless Keyboard with Touchpad			
			Compatible Plus 64GB MicroSD Card with Adapter			
			USB Type C Wall Adapter (Female Type-C Connector)			
			USB Type C to Type C Male Cable (2/3 Meter)			
			Metal Heatsink Case with Thermal Tape - Black			
			HDMI to Micro HDMI Cable			
			23 inch or better monitor Full HD resolution (HDMI)			
			Raspberry Pi 4 - 8GB Model			
			Camera Module Type 1/1.7" Optical Size (9.25mm diagonal) Manual/Auto Focus 9152x6944 Sensor Resolution Video Mode: 1080p 30FPS 720p 60FPS 640 x 480p 60/90FPS Quad Bayer Coding (QBC) Color Filter Full Resolution Raspberry Pi Platforms (64MP): Raspberry Pi 4B			

			Raspberry Pi Compute Module 4 Output Formats: JPEG YUV RGB RAW10			
	L6.2 Robotic AI Kit	Make and Model Country of Origin GPU	(Please specify) (Please specify) 128-core Maxwell™ GPU (or similar category)	5		
		CPU	Quad-core ARM A57			
		Memory	4 GB 64-bit LPDDR4			
			Memory bandwidth: 25.6 GB/s			
		Ethernet	10/100/1000BASE-T Ethernet			
		Storage	microSD slot (microSD card not included)			
		Video Encode	4Kp30			
		Video Decoder	4Kp60			
		Power Input	Micro-USB 5V 2A			
			DC power adapter 5V 4A			
		USB Ports	USB 3.0 Type A			
			USB 2.0 Micro-B			
		Display	HDMI/DisplayPort			
		Expansion	M.2 Key E			
		Network Connectivity	Gigabit Ethernet			
		I/O Interfaces	GPIOs, I2C, I2S, SPI, UART			

		Camera Connectors	2x MIPI-CSI camera connectors (for stereo vision)			
		Fan Connector	Fan connector			
		Power over Ethernet	PoE connector			
		Should includes	USB keyboard and mouse Full HD resolution			
			Memory card			
			Software required and drivers			
			23-inch compatible wide angle camera with good quality			
			Compatible 4-wheel robot and accessories			
Lot 7 (Computers and Accessories)	L7.1 Solid State Drive	Specification		50		
		Make and Model Country of Origin	(Please specify) (Please specify)			
		Form factor	M.2 2280			
		Interface	PCIe 4.0 x4 NVMe			
		Capacity	500GB			
		Sequential read/write	500GB – 3,500/2,100MB/s			
		Storage temperature	-40°C~85°C			
		Operating temperature	0°C~70°C			
		Dimensions	22mm x 80mm x 2.2mm			
		Vibration operating	2.17G (7-800 Hz)			
		MTBF	1,500,000 hours			

		Power Consumption (Active)	Average R: 3150mW Average W: 3250mW			
		Power Consumption (Idle)	Idle: 30mW L1.2 < 5mW			
		Warranty	5-years or 300TBW.			
	L7.2 Laptops for Student Practicals and Data Acquisition Interfaces	General	Should be capable of handling Labview, capstone	10		
		Make and Model	(Please specify)			
		Country of Origin	(Please specify)			
		Processor	Intel® Core i5-1135G7 12th Generation Processor or Later (Intel: 4.20GHz Max Turbo Frequency or Higher)			
		Cache	Intel: 8MB or Higher			
		Memory	16 GB DDR4 Upgradeable to 32GB			
		Memory Types	2666 MHz, DDR4 or Higher			
		Hard Disk	1 TD HDD + 512GB SSD			
		Network interface	Integrated 10/100/1000 Gigabit Ethernet LAN (RJ-45)			
		Wireless technology	Intel® 802.11b/g/n/a (2x2) Wi-Fi® and Bluetooth® 4.2 Combo			
		Battery	Minimum 6 Hours Battery Life			
		Display	15.6 Inch TFT LCD HD Resolution			
		Keyboard	Full-size island-style backlit keyboard			

		Pointing device	Multi-Gesture Touchpad, Supporting Two-Finger Scroll			
		Webcam	HD Camera with integrated dual array digital microphone			
		Graphics	Integrated: Intel® UHD Graphics 630 or above			
		Video connector	1 HDMI			
		Expansion slots	Multi-format SD media card reader			
		I/O ports	1 USB 2.0 2 USB 3.1 1 HDMI 1 Headphone/microphone combo 1 RJ-45 Ethernet			
		Operating System	Genuine Microsoft Windows 11 professional 64bit			
		Software	Microsoft office professional plus 2019 or Higher (Genuine)			
		Accessories	The Carrying Bag Should be Same Brand			
		Warranty	3 years comprehensive warranty			
	L7.3 External Hard Drives for Data Storage	Make and Model	(Please specify)	10		
		Country of Origin	(Please specify)			
		Capacity	2TB			
		Dimensions	131.8mm x 80.8mm x 19.0mm			
		Transfer Speed	Connection bandwidth up to 5Gbits per second			
		Connection Interface	USB 3.0			

		Power Saving Mode	10min			
		Operating Temperature	5° to 55°C			
		Storage Media	2.5" SATA HDD			
		Simple	Easy plug and play installation			
		Power Supply	DC 5V±10%, Via USB Port			
		One Touch Backup	Yes			
		Warranty	1 Year			
		Included	Shockproof Enclosure with carrying Case			
Lot 8 – Meteorology Experiments	L8.1 Anvil Kit (Accessories)	Make	(Please specify)	1		
		Model	(Please specify)			
		Country of origin	(Please specify)			
		Country of Manufacture	(Please specify)			
		Material:	Metallic			
		Clamps:	Clamps for gauge blocks up to length 150 mm			
		Anvils:	Various Anvils for internal measurements			
			With carrying case			

	L8.2 Set of Gauge Blocks (Grade-1) (0-100 mm)	Make	(Please specify)	1		
		Model	(Please specify)			
		Country of origin	(Please specify)			
		Country of Manufacture	(Please specify)			
		Material:	Steel/ Ceramic or Tungsten carbide			
		Grade:	01			
		Cross section:	Rectangular			
		Range:	0 to 100 mm			
		Nominal Sizes:	Nominal Sizes: 1 Block=0.0005, 9 Blocks=1.001-1.009Step=0.001 49 Blocks=1.01-1.49Step=0.01 49 Blocks=0.05-24.5Step=0.5 4 Blocks =25-100 Step=25 With a carrying case With a carrying case			
		Marking:	Nominal size and manufacture and serial no.			
		Calibration:	With an accredited Calibration certificate			
	L8.3 IR Thermometer	Make	Please Mention			
		Model	Please Mention			
		Country of origin	Please Mention (Should be ADB Member country (see Section 5))			

		Country of Manufacture	Please Mention (Should be ADB Member country (see Section 5))			
		Temp. Range: 800 °C				
		Temperature Accuracy : 0 °C : Approx.± (1.0 °C)				
		Temperature Resolution: 0.1 °C				
		D:S (distance to measurement spot size): 50:1				
		laser sighting: single laser spot				
		spot size: 19 mm				
		Emissivity adjustment:				

		Internally or Externally				
	L8.4 BourdonTube pressure Gauges(0-60 bar)	Make	Please Mention			
		Model	Please Mention			
		Country of origin	Please Mention (Should be ADB Member country (see Section 5))			
		Country of Manufacture	Please Mention (Should be ADB Member country (see Section 5))			
		Range: 60 bar				
		medium: hydraulic				
		Accuracy: class 2.5				
		case: plastic black				
		pressure element and movement: copper alloy				
		bourdon tube, standard version				
	L8.5 Dial Thermometer	Make	Please Mention			
		Model	Please Mention			

		Country of origin	Please Mention (Should be ADB Member country (see Section 5))			
		Country of Manufacture	Please Mention (Should be ADB Member country (see Section 5))			
		Range; 500 oC				
		Division;5 oC				
		Case'; made with steel				
		Stem length; approx. 100 mm				
		Dial; White Aluminum dial and black markings				
		Dial size diameter; approx. 100 mm				
		sensing element; bimetal, gas or liquid expansion				

	L8.6 Inside micrometer	Make	Please Mention			
		Model	Please Mention			
		Country of origin	Please Mention (Should be ADB Member country (see Section 5))			
		Country of Manufacture	Please Mention (Should be ADB Member country (see Section 5))			
		Range: approx. 50-100 mm				
		Extension rods: 13,25,50,100				
		Graduation:0.01mm				
		Accuracy: approx., 001mm				
		measuring surface: harden steel				
		Type: analog				
		measuring span: 13 mm				
		extension: 12.5 mm				
		with carrying box				
	L8.7 Dial Thickness Gauge	Make	Please Mention			
		Model	Please Mention			

		Country of origin	Please Mention (Should be ADB Member country (see Section 5))			
		Country of Manufacture	Please Mention (Should be ADB Member country (see Section 5))			
		Range:0 to 10 mm				
		Graduation: 0.01 mm				
		Measuring depth: approx., 30 mm				
		Contact point: flat				
		Parallelism: 5 um				
		with carrying box				
	L8.8 2-Point Inside Measuring Instrument Bore Gauge	Make	Please Mention			
		Model	Please Mention			
		Country of origin	Please Mention (Should be ADB Member country (see Section 5))			
		Country of Manufacture	Please Mention (Should be ADB Member country (see Section 5))			
		Range: approx., 60 to 100 mm				
		Graduation: 0.01 mm				
		Measuring depth: approx., 100 mm				
		Type: analogue				

		with carrying box			
	L 8.9 Digital Thermometer with Sensors	Make	Please Mention		
		Model	Please Mention		
		Country of origin	Please Mention (Should be ADB Member country (see Section 5))		
		Country of Manufacture	Please Mention (Should be ADB Member country (see Section 5))		
		Thermocouple type: Type K / J			
		Temperature Range:-50 to 400 oC			
		Accuracy: approx (0.5oC)			
		Resolution: 0.1oC			
		Type: Hand held			
		Display: LCD			
		Special Functions: Data hold function ,min/max function,			

		average function, auto power off function				
	L8.10 Dial Gauge	Make	Please Mention			
		Model	Please Mention			
		Country of origin	Please Mention (Should be ADB Member country (see Section 5))			
		Country of Manufacture	Please Mention (Should be ADB Member country (see Section 5))			
		Type: Analogue				
		Resolution: 0.01 mm				
		Range: 10 mm				
		Accuracy: approx. 0.01 mm				
		With two rotating pointers				
		Case: Metallic Cover and plastic Dial				
		White color dial				
		Spherical or Flat contact point				
		With back Clamping option				
		With carrying case				

Lot 9 – Electronics and Robotics	L9.2 Heavy Load Drone Kit	Brushless Motor Type 1	5010-360KV is recommended Motor weight less than 200g Max current - specify Voltage – 6S or less Max thrust – 1800 g or higher With propeller adapter with hub Mounting screws	10		
		Brushless Motor Type 2	3542 1000KV Motor weight less than 200g Max current - 40-60 A Voltage – 3-4S With propeller adapter with hub Mounting screws	10		
		Propeller type 1	15x 5.2 or similar Carbon fiber propeller pairs	12		
		Propeller type 2	11 x 6 Carbon fiber propeller pairs	10		
		Propeller type 3	12 x 6 Carbon fiber propeller pairs	10		
		Electronic Speed Controller 1	40 A esc 6s	12		
		Electronic Speed Controller 2	50 A esc 3-4s	12		
		Power Distribution board	Max 6S lipo Gold plated solder tabs With XT 60 Connectors 6 or higher esc power ports	2		
		Battery voltage alarm	1-8S Low voltage buzzer	3		
		Frame	Foldable	1		

			6 axle Carbon fiber Aircraft frame Frame size – 650 mm or higher (Diagonal motor to motor) Wheel base - 500 mm or higher With landing gear			
		Radio transmitter and receiver	5.4 GHz or similar Minimum transmission distance 1 km 4 inch or higher size fpv display 1200 TVL camera With all connectors and wires, antennas With battery	1		
		Balanced li-po charger	2-6S capability With power adapter(230V)	1		
		Video transmitter, receiver and display	With display holder			
		GPS				
		Extra Carbon fiber tubes	25 mm 1 mm thickness 30 mm 2 mm thickness	4m 4m		
		CF to motor brackets	Universal bracket	15		
		Power connectors	XT60 male female 10 lot	1		
	L9.2 Light Weight Drone Equipment (Raspberry Pi driven)	Motors	Any BLDC 2212 motor having KV rating from 920-1100 Any BLDC 2212 motor having KV rating from 4000 KV	20		
		Propellers and	3 inch, 1.5 mm shaft compatible and 3 types of design (tri-blade , di-blade etc)	40		

			<p>Should include 1.5 mm propeller adapter/propeller connectors (25% extra – 45 pieces or more) (half clockwise , half counter clockwise)</p> <p>10 inch, BLDC motor matching shaft compatible and 3 types of design (tri-blade , di-blade etc)</p> <p>Should include 1.5 mm propeller adapter/propeller connectors (25% extra – 45 pieces or more) (half clockwise , half counter clockwise)</p>	40		
		Frames	<p>Material : Carbon Fiber Brackets compatible with mounting 1306-4000KV motors and 920-1100 KV motors (two types)</p> <p>Number of arms - 4</p> <p>Thickness – 2 mm or better (load capability up to 1 kg)</p> <p>Additional material should be provided.</p>	5 each		
		ESC	<p>Continuous Current: 40A or better</p> <p>Input Voltage: 3S-6S LiPO</p>	20		
		Transmitter and Receiver	Should be compatible with each other, can be controlled over			

			rasberry pi and navio2 combination. Built-in Dual 2.4G Band Internal RF Module 10 or more channels Operating Temperature - - 10°C~60°C or better Rechargeable Transmitter.			
		Telemetry	Radio modems can be connected either over UART or over USB			
		Pi Camera and Storage card	Pi camera version 2 or better 32 GB (UHS speed class 1, speed class 10) microSD card with USB A adapter and USB 3.2 Gen 1 performance flash drive) 32GB (Up to 200MB/s Read, 60MB/s Write)			
		Cables	Multi-coloured Dupont Wire 40pin Male to Female, 40pin Male to Male, 40pin Female to Female Breadboard Jumper Wires Ribbon			
		Flight Controller	Pixhawk 6X kit with following items Pixhawk 6X Flight Controller Module Pixhawk Standard Base / Pixhawk Mini Base PM02D LV Power Module Cable Set			

			M8N GPS			
		Power Distributor	Power distribution board for drones (8 x 40amp 3,5mm bullet outputs)			
	L.9.3 FPV Drone Kit by “wozED”	Scope	Students will learn how to maneuver their drone from the perspective of the aircraft, bringing their piloting skills to the next level. Throughout the modules, students will be exposed to a variety of tasks and knowledge building activities that will grow their confidence. Students will be versed in how to build and repair a drone, read Aeronautical Charts, and conduct flight plans in various settings.	2		
		Inclusions	Lumenier Drones (or similar) GetFPV Goggles (or similar) Drones X-5G (Stealth) (or similar) All accessories Full documentation for semester based course Software DVD and guide.			
Lot 10 Miscellaneous	L10.1 Storage Box Type 1 – with lid	Dimensions	400 mm * 850 mm *(50-100 mm) (or compatible with place inside regular steel cupboards) 10 L	40		
		Material	Lightweight and shatterproof (PET)			

			Should be capable of using as storage for different equipment.			
	L10.2 Storage Box Type 2 – with lid	Dimensions	700 mm * 500 mm *(400-500 mm) or similar capacity of 100 L	10		
		Material	Lightweight and shatterproof (PET)			
			Should be capable of using as storage for different equipment. Should consists with 4 or more wheels (tough plastic)			
	L10.3 Expanded polyethylene foam (EPE / PE)	Sheets of EPE (2 inch thick)	<p>Durable, lightweight and non-dusting</p> <p>Flexible and elastic - Easy to cut, fabricate, wrap around, perforate and seal</p> <p>High impact resistant - Crumble proof and relatively higher tensile/tear strength</p> <p>Non-toxic and odourless.</p> <p>Resistant to moisture, fungi and chemicals</p> <p>Unaffected by temperature ranging from -40°C - +70°C</p> <p>CFC free – Environment friendly and completely recyclable</p> <p>Special anti-static packaging PE foam grades available - ESD</p>	1 m3		

			packing, HMHD laminated foam for covers etc.			
	L10.4 Plastic Trays	Material	Lightweight and shatterproof (PET)	20		
		Dimensions	Should be capable of placing A4 documents with 10 mm or more depth.			
	L10.5 Trolley Type 1	Material	Trolley with double (or more) shelf, rust free metal with powder coating (70 micron or better)	1		
		Dimension	700×450 mm (or better) area, second shelf at 900 mm			
		Weight	20 – 25 kg			
		Capacity	100 kg better			
		Wheels	Lockable 360 rotating wheels (durable) - specify			
	L10.2 Trolley Type 2	Material	Trolley with low floor shelf, rust free metal with powder coating (70 micron or better)	1		
		Dimension	900×600 mm (or better) area			
		Weight	15 – 20 kg			
		Capacity	250 kg or better			
		Wheels	Lockable 360 rotating wheels (durable) - specify			

*** All Individual microcontrollers should be provided with a 1 year comprehensive warranty.

Section 7: General Conditions of Contract

Table of Clauses

1.	Definitions	7-2
2.	Contract Documents	7-3
3.	Fraud and Corruption	7-3
4.	Interpretation.....	7-6
5.	Language.....	7-6
6.	Joint Venture.....	7-7
7.	Eligibility.....	7-7
8.	Notices.....	7-7
9.	Governing Law	7-7
10.	Settlement of Disputes	7-7
11.	Scope of Supply	7-7
12.	Delivery.....	7-8
13.	Supplier's Responsibilities.....	7-8
14.	Purchaser's Responsibilities.....	7-8
15.	Contract Price.....	7-8
16.	Terms of Payment	7-8
17.	Taxes and Duties.....	7-8
18.	Performance Security	7-9
19.	Copyright	7-9
20.	Confidential Information.....	7-9
21.	Subcontracting.....	7-10
22.	Specifications and Standards.....	7-10
23.	Packing and Documents.....	7-11
24.	Insurance	7-11
25.	Transportation.....	7-11
26.	Inspections and Tests.....	7-11
27.	Liquidated Damages.....	7-12
28.	Warranty	7-12
29.	Patent Indemnity.....	7-13
30.	Limitation of Liability	7-14
31.	Change in Laws and Regulations.....	7-14
32.	Force Majeure.....	7-14
33.	Change Orders and Contract Amendments	7-15
34.	Extensions of Time	7-15
35.	Termination.....	7-16
36.	Assignment.....	7-17
37.	Respectful Work Environment.....	7-17

1. Definitions

- 1.1 The following words and expressions shall have the meanings hereby assigned to them:
- (a) "Contract" means the Agreement entered into between the Purchaser and the Supplier, together with the Contract Documents referred to therein, including all attachments, appendixes, and all documents incorporated by reference therein.
 - (b) "Contract Documents" means the documents listed in the Agreement, including any amendments thereto.
 - (c) "Contract Price" means the price payable to the Supplier as specified in the 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) "Delivery" means the transfer of the Goods from the Supplier to the Purchaser in accordance with the terms and conditions set forth in the Contract.
 - (f) "Completion" means the fulfillment of the Related Services by the Supplier in accordance with the terms and conditions set forth in the Contract.
 - (g) "Eligible Countries" means the countries and territories eligible as listed in Section 5.
 - (h) "GCC" means the General Conditions of Contract.
 - (i) "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.
 - (j) "Purchaser's Country" is the country specified in the Special Conditions of Contract (SCC).
 - (k) "Purchaser" means the entity purchasing the Goods and Related Services, as specified in the SCC.
 - (l) "Related Services" means the services incidental to the supply of the goods, such as insurance, installation, training and initial maintenance and other similar obligations of the Supplier under the Contract.
 - (m) "SCC" means the Special Conditions of Contract.
 - (n) "Subcontractor" means any natural person, private or government entity, or a combination of the above, including its legal successors or permitted assigns, to whom any part of the Goods to be supplied or execution of any part of the Related Services is subcontracted by the Supplier.
 - (o) "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

Agreement, and includes the legal successors or permitted assigns of the Supplier.

(p) "ADB" is the Asian Development Bank.

(q) "The Site," where applicable, means the place named in the SCC.

2. Contract Documents

2.1 Subject to the order of precedence set forth in the Agreement, all documents forming the Contract (and all parts thereof) are intended to be correlative, complementary, and mutually explanatory.

3. Fraud and Corruption

3.1 If the Purchaser determines, based on reasonable evidence, that the Supplier has engaged in corrupt, fraudulent, collusive or coercive practices, or other integrity violations, including the failure to disclose any required information which constitutes a fraudulent practice, in competing for or in executing the Contract, then the Purchaser may, after giving 14 days' notice to the Supplier, terminate the Contract and expel him from the Site, and the provisions of Clause 35 shall apply as if such termination had been made under Sub-Clause 35.1(a) (iii) [Termination].

3.2 ADB requires Borrowers (including beneficiaries of ADB-financed activity) and their personnel, as well as firms and individuals participating in an ADB-financed activity, including but not limited to, Bidders, Suppliers, and Contractors, agents, subcontractors, subconsultants, service providers, sub suppliers, manufacturers (including their respective officers, directors, employees and personnel) under ADB-financed contracts to observe the highest standard of ethics during the procurement and execution of such contracts in accordance with ADB's Anticorruption Policy (1998, as amended from time to time). In pursuance of this policy, ADB

(a) defines, for the purposes of this provision, the terms set forth below as follows:

(i) "Corrupt practice" means the offering, giving, receiving, or soliciting, directly or indirectly, anything of value to influence improperly the actions of another party;

(ii) "Fraudulent practice" means any act or omission, including a misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain a financial or other benefit or to avoid an obligation;

(iii) "Coercive practice" means impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence improperly the actions of a party;

(iv) "Collusive practice" means an arrangement between two or more parties designed to achieve an improper purpose, including influencing improperly the actions of another party;

(v) "abuse" means theft, waste, or improper use of assets related to ADB-related activity, either committed intentionally or through reckless disregard;

- (vi) "Conflict of interest" means any situation in which a party has interests that could improperly influence that party's performance of official duties or responsibilities, contractual obligations, or compliance with applicable laws and regulations; and
 - (vii) "Integrity violation" is any act, as defined under ADB's Integrity Principles and Guidelines (2015, as amended from time to time), which violates ADB's Anticorruption Policy, including (i) to (vi) above and the following: obstructive practice, violations of ADB sanctions, retaliation against whistleblowers or witnesses, and other violations of ADB's Anticorruption Policy, including failure to adhere to the highest ethical standard.
- (b) will reject a proposal for award if it determines that the Bidder recommended for award or any of its officers, directors, employees, personnel, subconsultants, subcontractors, service providers, suppliers or manufacturers has, directly or through an agent, engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices or other integrity violations in competing for the Contract;
 - (c) will cancel the portion of the financing allocated to a contract if it determines at any time that representatives of the Borrower or of a beneficiary of ADB-financing engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices or other integrity violations during the procurement or the execution of that contract, without the Borrower having taken timely and appropriate action satisfactory to ADB to remedy the situation, including by failing to inform ADB in a timely manner at the time they knew of the integrity violations;
 - (d) will impose remedial actions on a firm or an individual, at any time, in accordance with ADB's Anticorruption Policy and Integrity Principles and Guidelines, including declaring ineligible, either indefinitely or for a stated period of time, to participate¹ in ADB-financed, -administered, or -supported activities or to benefit from an ADB-financed, -administered, or -supported contract, financially or otherwise, if it at any time determines that the firm or individual has, directly or through an agent, engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices or other integrity violations; and
 - (e) will have the right to require that a provision be included in bidding documents and in contracts financed, administered, or supported by ADB, requiring Bidders, suppliers and contractors, consultants, manufacturers, service providers and other third parties engaged or involved in ADB-related activities, and their respective officers, directors, employees and personnel, to permit ADB or its representative to inspect the site and their assets, accounts and records and other documents relating to the bid submission and contract performance and to have them audited by auditors appointed by ADB.

¹ Whether as a Contractor, Subcontractor, Consultant, Manufacturer or Supplier, or Service Provider; or in any other capacity (different names are used depending on the particular Bidding Document).

- 3.3 All Bidders, consultants, contractors, suppliers, manufacturers, service providers, and other third parties engaged or involved in ADB-related activities and their respective officers, directors, employees and personnel, are obliged to cooperate fully in any investigation when requested by ADB to do so. As determined on a case-by-case basis by ADB, such cooperation includes, but is not limited to, the following:
- (a) being available to be interviewed and replying fully and truthfully to all questions asked;
 - (b) providing ADB with any items requested that are within the party's control including, but not limited to, documents and other physical objects;
 - (c) upon written request by ADB, authorizing other related entities to release directly to ADB such information that is specifically and materially related, directly or indirectly, to the said entities or issues which are the subject of the investigation;
 - (d) cooperating with all reasonable requests to search or physically inspect their person and/or work areas, including files, electronic databases, and personal property used on ADB activities, or that utilizes ADB's Information and Communication Technology (ICT) resources or systems (including mobile phones, personal electronic devices, and electronic storage devices such as external disk drives);
 - (e) cooperating in any testing requested by ADB, including but not limited to, fingerprint identification, handwriting analysis, and physical examination and analysis; and
 - (f) preserving and protecting confidentiality of all information discussed with, and as required by, ADB.
- 3.4 All Bidders, consultants, contractors and suppliers shall require their officers, directors, employees, personnel, agents to ensure that, in its contracts with its subconsultants, Subcontractors and other third parties engaged or involved in ADB-related activities, such subconsultants, Subcontractors and other third parties similarly are obliged to cooperate fully in any investigation when requested by ADB to do so.
- 3.5 The Supplier shall permit ADB or its representative to inspect the Supplier's site, assets, accounts and records and other documents relating to the bid submission and contract performance of the Supplier and to have them audited by auditors appointed by ADB, if so required by ADB.
- 3.6 The Supplier undertakes that no fees, gratuities, rebates, gifts, commissions or other payments, other than those shown in the bid, have been given or received in connection with the procurement process or in the contract execution.²

² The undertaking also applies during the period of performance of the contract.

4. Interpretation

4.1 If the context so requires it, singular means plural and vice versa.

4.2 Incoterms

- (a) The meaning of any trade term and the rights and obligations of parties thereunder shall be as prescribed by Incoterms.
- (b) EXW, CIF, CIP, and other similar terms, shall be governed by the rules prescribed in the current edition of Incoterms, published by the International Chamber of Commerce at the date of the Invitation for Bids or as specified in the SCC.

4.3 Entire Agreement

The Contract constitutes the entire agreement between the Purchaser and the Supplier and supersedes all communications, negotiations, and agreements (whether written or oral) of parties with respect thereto made prior to the date of Contract.

4.4 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.

4.5 Nonwaiver

- (a) Subject to GCC Subclause 4.5(b) below, no relaxation, forbearance, delay, or indulgence by either party in enforcing any of the terms and conditions of the Contract or the granting of time by either party to the other shall prejudice, affect, or restrict the rights of that party under the Contract, neither shall any waiver by either party of any breach of Contract operate as waiver of any subsequent or continuing breach of Contract.
- (b) Any waiver of a party's rights, powers, or remedies under the Contract must be in writing, dated, and signed by an authorized representative of the party granting such waiver, and must specify the right and the extent to which it is being waived.

4.6 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 the language specified in the SCC. 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 the SCC, 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.
- 6. Joint Venture**
- 6.1 If the Supplier is a Joint Venture 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. The composition or the constitution of the Joint Venture shall not be altered without the prior consent of the Purchaser.
- 7. Eligibility**
- 7.1 The Supplier and its Subcontractors shall have the nationality of an eligible country. A Supplier or Subcontractor shall be deemed to have the nationality of a country if it is a citizen or constituted, incorporated, or registered, and operates in conformity with the provisions of the laws of that country.
- 7.2 All Goods and Related Services to be supplied under the Contract and financed by ADB shall have their origin in Eligible Countries. For the purpose of this clause, "country of origin" means the country where the goods have been grown, mined, cultivated, produced, manufactured, or processed; or through manufacture, processing, or assembly, another commercially recognized article results that differs substantially in its basic characteristics from its imported components.
- 8. Notices**
- 8.1 Any Notice given by one party to the other pursuant to the Contract shall be in writing to the address specified in the SCC. The term "in writing" means communicated in written form with proof of receipt.
- 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 Purchaser's country, unless otherwise specified in the SCC.
- 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.
- 10.2 If the parties fail to resolve such a dispute or difference by mutual consultation within 28 days from the commencement of such consultation, either party may require that the dispute be referred for resolution to the formal mechanisms specified in the SCC.
- 11. Scope of Supply**
- 11.1 Subject to the SCC, the Goods and Related Services to be supplied shall be as specified in Section 6 (Schedule of Supply).
- 11.2 Unless otherwise stipulated in the Contract, the Scope of Supply shall include all such items not specifically mentioned in the Contract but that can be reasonably inferred from the Contract as being required

for attaining Delivery and Completion of the Goods and Related Services as if such items were expressly mentioned in the Contract.

- 12. Delivery** 12.1 Subject to GCC Subclause 33.1, the Delivery of the Goods and Completion of the Related Services shall be in accordance with the Delivery and Completion Schedule specified in the Section 6 (Schedule of Supply). The details of shipping and other documents to be furnished by the Supplier are specified in the SCC.
- 13. Supplier's Responsibilities** 13.1 The Supplier shall supply all the Goods and Related Services included in the Scope of Supply in accordance with GCC Clause 11, and the Delivery and Completion Schedule, as per GCC Clause 12.
- 14. Purchaser's Responsibilities** 14.1 Whenever the supply of Goods and Related Services requires that the Supplier obtain permits, approvals, and import and other licenses from local public authorities, the Purchaser shall, if so required by the Supplier, make its best effort to assist the Supplier in complying with such requirements in a timely and expeditious manner.
- 14.2 The Purchaser shall pay all costs involved in the performance of its responsibilities, in accordance with GCC Subclause 14.1.
- 15. Contract Price** 15.1 The Contract Price shall be as specified in the Agreement subject to any additions and adjustments thereto, or deductions therefrom, as may be made pursuant to the Contract.
- 15.2 Prices charged by the Supplier for the Goods delivered and the Related Services performed under the Contract shall not vary from the prices quoted by the Supplier in its bid, with the exception of any price adjustments authorized in the SCC.
- 16. Terms of Payment** 16.1 The Contract Price shall be paid as specified in the SCC.
- 16.2 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 GCC Clause 12 and upon fulfillment of all the obligations stipulated in the Contract.
- 16.3 Payments shall be made promptly by the Purchaser, no later than 60 days after submission of an invoice or request for payment by the Supplier, and the Purchaser has accepted it.
- 16.4 The currency or currencies in which payments shall be made to the Supplier under this Contract shall be specified in the SCC.
- 17. Taxes and Duties** 17.1 For goods supplied from outside the Purchaser's country, the Supplier shall be entirely responsible for all taxes, stamp duties, license fees, and other such levies imposed outside the Purchaser's country.

- 17.2 For goods supplied from within the Purchaser's country, the Supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted Goods to the Purchaser.
- 17.3 If any tax exemptions, reductions, allowances or privileges may be available to the Supplier in the Purchaser's Country, the Purchaser shall use its best efforts to enable the Supplier to benefit from any such tax savings to the maximum allowable extent.
- 18. Performance Security**
- 18.1 The Supplier shall, within 28 days of the notification of Contract award, provide a Performance Security for the due performance of the Contract in the amounts and currencies specified in the SCC.
- 18.2 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.
- 18.3 The Performance Security shall be denominated in the currencies of the Contract, or in a freely convertible currency acceptable to the Purchaser, and shall be in one of the forms stipulated by the Purchaser in the SCC, or in another form acceptable to the Purchaser.
- 18.4 The Performance Security shall be discharged by the Purchaser and returned to the Supplier not later than 28 days following the date of completion of the Supplier's performance obligations under the Contract, including any warranty obligations, unless specified otherwise in the SCC.
- 19. Copyright**
- 19.1 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.
- 20. Confidential Information**
- 20.1 The Purchaser and the Supplier shall keep 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 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 from 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 Subcontractor an undertaking of confidentiality similar to that imposed on the Supplier under GCC Clause 20.
- 20.2 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 design, procurement, or other work and services required for the performance of the Contract.

- 20.3 The obligation of a party under GCC Subclauses 20.1 and 20.2 above, however, shall not apply to information that
- (a) the Purchaser or Supplier needs to share with ADB or other institutions participating in the financing of the Contract;
 - (b) now or hereafter enters the public domain through no fault of that party;
 - (c) can be proven to have been possessed by that party at the time of disclosure and which was not previously obtained, directly or indirectly, from the other party; or
 - (d) otherwise lawfully becomes available to that party from a third party that has no obligation of confidentiality.
- 20.4 The above provisions of GCC Clause 20 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.
- 20.5 The provisions of GCC Clause 20 shall survive completion or termination, for whatever reason, of the Contract.

21. Subcontracting

- 21.1 The Supplier shall notify the Purchaser in writing of all subcontracts awarded under the Contract if not already specified in the Bid. Subcontracting shall in no event relieve the Supplier from any of its obligations, duties, responsibilities, or liability under the Contract.
- 21.2 Subcontracts shall comply with the provisions of GCC Clauses 3 and 7.

22. Specifications and Standards

- 22.1 Technical Specifications and Drawings
- (a) The Supplier shall ensure that the Goods and Related Services comply with the technical specifications and other provisions of the Contract.
 - (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) The Goods and Related Services supplied under this Contract shall conform to the standards mentioned in Section 6 (Schedule of Supply) and, when no applicable standard is mentioned, the standard shall be equivalent or superior to the official standards whose application is appropriate to the country of origin of the Goods.
- 22.2 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 Section 6 (Schedule of Supply). 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 GCC Clause 33.

23. Packing and Documents

23.1 The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the Contract. During transit, the packing shall be sufficient to withstand, without limitation, rough handling and exposure to extreme temperatures, salt and precipitation, and open storage. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the final destination of the Goods and the absence of heavy handling facilities at all points in transit.

23.2 The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any, specified in the SCC, and in any other instructions ordered by the Purchaser.

24. Insurance

24.1 Unless otherwise specified in the SCC, the Goods supplied under the Contract shall be fully insured, in a freely convertible currency from an eligible country, against loss or damage incidental to manufacture or acquisition, transportation, storage, and delivery, in accordance with the applicable Incoterms or in the manner specified in the SCC.

25. Transportation

25.1 Unless otherwise specified in the SCC, obligations for transportation of the Goods shall be in accordance with the Incoterms specified in Section 6 (Schedule of Supply).

26. Inspections and Tests

26.1 The Supplier shall at its own expense and at no cost to the Purchaser carry out all such tests and/or inspections of the Goods and Related Services as are specified in Section 6 (Schedule of Supply).

26.2 The inspections and tests may be conducted on the premises of the Supplier or its Subcontractor, at point of delivery, and/or at the final destination of the Goods, or in another place in the Purchaser's country as specified in the SCC. Subject to GCC Subclause 26.3, 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.

26.3 The Purchaser or its designated representative shall be entitled to attend the tests and/or inspections referred to in GCC Subclause 26.2, 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.

26.4 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.

- 26.5 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. Further, if such test and/or inspection impedes the progress of manufacturing and/or the Supplier's performance of its other obligations under the Contract, due allowance will be made in respect of the Delivery Dates and Completion Dates and the other obligations so affected.
- 26.6 The Supplier shall provide the Purchaser with a report of the results of any such test and/or inspection.
- 26.7 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 GCC Subclause 26.4.
- 26.8 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 GCC Subclause 26.6, shall release the Supplier from any warranties or other obligations under the Contract.

27. Liquidated Damages

- 27.1 Except as provided under GCC Clause 32, if the Supplier fails to deliver any or all of the Goods or perform the Related Services within the period specified in the Contract, 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 SCC of the Contract Price for each week or part thereof of delay until actual delivery or performance, up to a maximum deduction of the percentage specified in the SCC. Once the maximum is reached, the Purchaser may terminate the Contract pursuant to GCC Clause 35.

28. Warranty

- 28.1 The Supplier warrants that all the Goods are new, unused, and of the most recent or current models, and that they incorporate all recent improvements in design and materials, unless provided otherwise in the Contract.
- 28.2 Subject to GCC Subclause 22.1, 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 conditions prevailing in the country of final destination.
- 28.3 Unless otherwise specified in the SCC, the warranty shall remain valid for 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 SCC, or for 18 months after the date of shipment or loading in the country of origin, whichever period concludes earlier.

- 28.4 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.
- 28.5 Upon receipt of such Notice, the Supplier shall, within the period specified in the SCC, expeditiously repair or replace the defective Goods or parts thereof, at no cost to the Purchaser.
- 28.6 If having been notified, the Supplier fails to remedy the defect within the period specified in the SCC, 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.

29. Patent Indemnity

- 29.1 The Supplier shall, subject to the Purchaser's compliance with GCC Subclause 29.2, indemnify and hold harmless the Purchaser and its employees and officers 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 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.

- 29.2 If any proceedings are brought or any claim is made against the Purchaser arising out of the matters referred to in GCC Subclause 29.1, 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.
- 29.3 If the Supplier fails to notify the Purchaser within 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.
- 29.4 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.

29.5 The Purchaser shall indemnify and hold harmless the Supplier and its employees, officers, 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.

30. Limitation of Liability

30.1 Except in cases of gross negligence or willful misconduct,

- (a) neither party shall be liable to the other party 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 amount specified in the SCC, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment, or to any obligation of the Supplier to indemnify the Purchaser with respect to patent infringement.

31. Change in Laws and Regulations

31.1 Unless otherwise specified in the Contract, if after the date of the Invitation for Bids, any law, regulation, ordinance, order or bylaw having the force of law is enacted, promulgated, abrogated, or changed in the place of the Purchaser's country where the Site is located (which shall be deemed to include any change in interpretation or application by the competent authorities) that subsequently affects the Delivery Date and/or the Contract Price, then such Delivery Date and/or Contract Price shall be correspondingly increased or decreased, to the extent that the 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 be separately paid or credited if the same has already been accounted for in the price adjustment provisions where applicable, in accordance with GCC Clause 15.

32. Force Majeure

32.1 The Supplier shall not be liable for forfeiture of its Performance Security, liquidated damages, or termination for default if and to the extent that its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.

32.2 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.

32.3 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.

33. Change Orders and Contract Amendments

33.1 The Purchaser may at any time order the Supplier through Notice in accordance GCC 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 Supplier.

33.2 If any such change causes an 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 and 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 28 days from the date of the Supplier's receipt of the Purchaser's change order.

33.3 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.

34. Extensions of Time

34.1 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 GCC Clause 12, 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 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.

34.2 Except in case of Force Majeure, as provided under GCC Clause 32, 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 GCC Clause 27,

unless an extension of time is agreed upon, pursuant to GCC Subclause 34.1.

35. Termination

35.1 Termination for Default

- (a) The Purchaser, without prejudice to any other remedy for breach of Contract, by 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 GCC Clause 34; or
 - (ii) if the Supplier fails to perform any other obligation under the Contract.
 - (iii) if the Supplier, in the judgment of the Purchaser has engaged in integrity violations, as defined in GCC Clause 3, in competing for or in executing the Contract.
- (b) In the event the Purchaser terminates the Contract in whole or in part, pursuant to GCC Clause 35.1(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.

35.2 Termination for Insolvency

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.

35.3 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 28 days after the Supplier's receipt of the 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.

36. Assignment

36.1 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.

37. Respectful Work Environment

37.1 The Contractor shall ensure that its employees and Subcontractors observe the highest ethical standards and refrain from any form of bullying, discrimination, misconduct and harassment, including sexual harassment and shall, at all times, behave in a manner that creates an environment free of unethical behavior, bullying, misconduct and harassment, including sexual harassment. The Contractor shall take appropriate action against any employees or Subcontractors, including suspension or termination of employment or sub-contract, if any form of unethical or inappropriate behavior is identified.

37.2 The Contractor shall conduct training programs for its employees and Subcontractors to raise awareness on and prevent any form of bullying, discrimination, misconduct, and harassment including sexual harassment, and to promote a respectful work environment. The Contractor shall keep an up to date record of its employees and subcontractors who have attended and completed such training programs and provide such records to the Purchaser at their first written request.

Section 8: Special Conditions of Contract

The following Special Conditions of Contract (SCC) shall supplement the General Conditions of Contract (GCC). Whenever there is a conflict, the provisions herein shall prevail over those in the GCC.

GCC 1.1(j)	The Purchaser's country is: Democratic Socialist Republic of Sri Lanka
GCC 1.1(k)	The Purchaser is: Sabaragamuwa University of Sri Lanka
GCC 1.1 (q)	The Site is: Faculty of Technology, Sabaragamuwa University of Sri Lanka, Belihuloya, 70140, Sri Lanka.
GCC 4.2 (b)	The version of Incoterms shall be: Incoterms 2010
GCC 5.1	The language shall be: English The language for translation of supporting documents and printed literature is: English
GCC 8.1	For <u>notices</u> , the Purchaser's address shall be: Attention: Ms.N.P.Wijendre Senior Procurement Officer Project Implementation Unit STHRD Project Street address: Belihuloya Floor/ Room number: Faculty of Technology, Sabaragamuwa University of Sri Lanka City: Belihuloya ZIP code: 70140 Country: Sri Lanka Telephone: 045-2280081 Fax: 045-2280081 E-mail: sposb-sthrd@mohe.gov.lk
GCC 9.1	The governing law shall be: The laws applicable in Democratic Socialist Republic of Sri Lanka
GCC 10.2	The formal mechanism for the resolution of disputes shall be: according to the United Nations Commission on International Trade Law (UNCITRAL) <u>For a contract with a Foreign Supplier:</u>

	<p>In the case of a dispute between the Purchaser and the Supplier, the dispute shall be settled by international arbitration conducted in accordance with the arbitration Rules of Singapore International Arbitration Centre.</p> <p>Place of arbitration: Singapore International Arbitration Centre No. 32, Maxwell Road, #02-01, Maxwell Chambers, Singapore 069115</p> <p><u>For a contract with a Local Supplier:</u></p> <p>In the case of a dispute between the Purchaser and the Supplier, the dispute shall be settled by arbitration in accordance with the provisions of the local arbitration Procedures in the Purchaser's country.</p> <p>Place of arbitration: Development of Commercial Law and Practice, ICLP Arbitration Centre, 53/1, Ananda Coomaraswamy Mawatha, Colombo 00700, Sri Lanka</p>
GCC 11.1	The Scope of Supply shall be defined in: Schedule 6 (Schedule of Supply)
GCC 12.1	<p>Details of shipping and documents to be furnished by the Supplier shall be: one original and one copy of the Supplier's invoice showing the contract Item no., full description of the goods, Code/Model no., quantity, unit and total prices, country of origin and the Harmonized Commodity Description and Coding Systems (HS) code <u>on item by item basis</u>. The full contact details of the Supplier, Purchaser and Consignee, shipping details, total number of packing cases with total volume and nett weight and method of payment must also be shown.</p> <p>one original and one copy of the Supplier's master packing list showing the contract Item no., full description of the goods, Code/Model no., quantity, country of origin and the Harmonized Commodity Description and Coding Systems (HS) code <u>on item by item basis</u>. The full contact details of the Supplier, Purchaser and Consignee, shipping details, total number of packing cases with total volume and nett weight must also be shown.</p> <p>one original and one copy of individual packing list <u>for each case</u> (showing the same information as the master packing list) and the individual case nett and gross weight and dimensions. The case number in the form 1 /X to X/X must also be included</p> <ul style="list-style-type: none"> - Certificate of Origin on items by item basis issued by a Chamber of Commerce (or other duly authorized government agency located) in the Supplier's country. - Manufactures and/or suppliers warranty certificates for items where this required in Section 6 - Schedule of Supply. - Nominated agency and/or factory inspection report for items where this required in Section 6 - Schedule of Supply.

GCC 15.2	The price adjustment shall be: N/A
GCC 16.1	<p>Payment of the Contract Price shall be made in the following manner:</p> <p>For Goods and Contracted Services supplied from outside the Purchaser's country</p> <p>Payment shall be made in currencies mentioned in the Letter of Award within (28) days of presentation of claim supported by a written confirmation from the Purchaser declaring that the Goods have been delivered as per the conditions described in Section 6 and that all other contracted services have been performed.</p> <p>(a) On Acceptance: 90% of the Contract Price of Goods received shall be paid within 28 days of receipt of the Goods upon submission of a claim supported by acceptance certificate issued by the purchaser.</p> <p>(b) Balance 10% of the Contract Price of Goods received shall be paid after the defect liability period of the Goods upon submission of a claim supported by quality and condition certificate issued by the end user.</p> <p>(c) Payments will be made by SWIFT transfer.</p> <p>For Goods and Contracted Services supplied from within the Purchaser's country:</p>
GCC 16.4	<p>The currencies for payments shall be:</p> <p>Payments shall be made in accordance with the price with currencies quoted in Form of Quotation.</p> <p>Payments shall be made in accordance with the prices with currencies quoted in the Letter of Bid. If the Bidder quoted in Foreign Currency acceptable to the Purchaser but does not have a US \$ account to receive, the equivalent amount in LKR shall be paid according to the exchange rate (selling) published by the Central Bank of Sri Lanka on the date the payment occurs.</p>
CC 18.1	<p>The Supplier shall provide a Performance Security of _____ percent of the Contract Price in accordance with the currencies of the Contract Price. The Performance Security shall be denominated in the following amounts:</p> <p>The value of 10% of the Contract amount in the currency mentioned in the Contract awarding letter, which shall be in proportion to the amounts and currencies of the contract price and valid for 6 months from the expected delivery completion.</p>

GCC 18.3	<p>The forms of acceptable Performance Security are: Section 9-5 Performance Security Form included in the Bidding Document</p> <p>Note that the Performance Security must be issued from a commercial bank operating in Sri Lanka, approved by the Central Bank of Sri Lanka</p>
GCC 18.4	<p>Discharge of the Performance Security shall take place: Pursuant to Clause GCC 18.4, after delivery, installation and acceptance of the goods. the performance security shall be reduced up to 5% of the Contract price to cover the Supplier's warranty obligations in accordance with GCC Clause 28.3</p> <p>After complacent of Warranty period and rectifying the defects or substituted by new goods successfully, the Performance security will be released.</p>
GCC 23.2	<p>The packing, marking, and documentation within and outside the packages shall be:</p> <p>Within each case: As described in SCC 12.1</p> <ul style="list-style-type: none"> - Individual packing list for each case <p>Outside each case:</p> <p>Clearly stenciled in indelible water proof ink</p> <p>Dean's Office, Faculty of Technology, Sabaragamuwa University of Sri Lanka, Belihuloya 70140, Sri Lanka</p> <p>Contract No. MOE/<u>STHRD</u>/SB/E11A IFB No. MOE/<u>STHRD</u>/SB/E11A</p> <p>As described in SCC 12.1</p> <ul style="list-style-type: none"> - Case nett and gross weight and dimensions. - Case number in the form 1 /X to X/X
GCC 24.1	<p>The insurance coverage shall be in accordance with:</p> <p>Pursuant to GCC, Sub clause 24.1, the supplier must insure the Goods in an amount equal to 110% of the CIF, CIP or EXW price of the Goods from Warehouse to Warehouse on All Risks basis, including War Risks and Strikes.</p>
GCC 25.1	<p>Obligations for transportation of the Goods shall be in accordance with: INCOTERMS 2010</p>

GCC 26.2	<p>Tests and Inspections specified in Section 6(Schedule of Supply), shall be carried out at the following times or milestones, and places:</p> <p>Goods: As specified in Section 6 (Schedule of Supply)</p> <p>Type of Test: Bidder must provide the certificate(s) obtained from National level certification body accepted by the client.</p> <p>Time or Milestone: Inspection will be at</p> <ul style="list-style-type: none"> i. After delivery ii. After installation <p>Place: Department of Engineering Technology, Faculty of Technology, Sabaragamuwa University of Sri Lanka</p> <p>Address: Belihuloya</p> <p>Country: Sri Lanka</p>
GCC 27.1	<p>The applicable rate for liquidated damages for delay shall be: 0.5 % per week or part thereof</p> <p>The maximum amount of liquidated damages shall be: 10 % of the contract value.</p>
GCC 28.3	<p>The period of validity of the Warranty shall be: As per mentioned in Section 6 Compliance to the specifications from acceptance for all lots</p> <p>The place of final destination shall be:</p> <p>Place, Faculty of Technology, Sabaragamuwa University of Sri Lanka</p> <p>Address: Belihuloya. 70140</p> <p>Country: Sri Lanka</p>
GCC 28.5	<p>The Supplier shall correct any defects covered by the Warranty within 14 days of being notified by the Purchaser of the occurrence of such defects.</p>
GCC 30.1 (b)	<p>The amount of aggregate liability shall be: 100% of the Contract Price</p>

Section 9: Contract Forms

Table of Forms

Notice of Intention for Award of Contract	9-2
Notification of Award	9-3
Contract Agreement	9-4
Performance Security	9-6
Advance Payment Security	9-7

Notice of Intention for Award of Contract

[on letterhead paper of the Purchaser]

[date of notification]

To: [name of the Bidder]
 Attention: [insert name of the Bidder's authorized representative]
 Address: [insert address of the Bidder's authorized representative]
 Telephone/Fax numbers: [insert telephone/fax numbers of the Bidder's authorized representative]
 E-mail Address: [insert e-mail address of the Bidder's authorized representative]

This is to notify you of our intention to award the contract [insert name of the contract and identification number, as given in the Bid Data Sheet]. You have [insert number of days as specified in ITB 40.1 of the BDS] days from the date of this notification to (i) request for a debriefing in relation to the evaluation of your Bid; and/or (ii) submit a bidding-related complaint in relation to the intention for award of contract, in accordance with the procedures specified in ITB 46.1.

The summary of the evaluation are as follows:

1. List of Bidders

Name of Bidder	Bid Price as Read Out at Opening	Evaluated Bid Price

2. Reason/s Why Your Bid Was Unsuccessful

.....

3. The Successful Bidder

Name of Bidder:	
Address:	
Contract Price:	
Duration of Contract:	
Scope of the Contract Awarded:	
Amount Performance Security Required:	

Authorized Signature:

Name and Title of Signatory:

Name of Agency:

Notification of Award

[on letterhead of the Purchaser]

Letter of Acceptance

[date]

To: [name and address of the supplier]

Subject: Contract No. [please specify]

This is to notify you that your Bid dated [date] for execution of the [name of the contract and identification number, as given in the Bid Data Sheet] for the Accepted Contract Amount of the equivalent of [amount in words and figures and name of currency], as corrected and modified in accordance with the Instructions to Bidders is hereby accepted by our Agency.

You are requested to furnish the Performance Security within 28 days in accordance with the Conditions of Contract and any additional security required as a result of the evaluation of your bid, using for that purpose the Performance Security Form included in Section 9 (Contract Forms) of the Bidding Document.

Authorized Signature:

Name and Title of Signatory:

Name of Agency:

Attachment: Contract Agreement

Contract Agreement

THIS AGREEMENT made on the *[insert date]* day of *[insert month]*, *[insert year]*, between *[insert complete name of the purchaser]* of *[insert complete address of the Purchaser]* (hereinafter “the Purchaser”), of the one part, and *[insert complete name of the supplier]* of *[insert complete address of the supplier]* (hereinafter “the Supplier”), of the other part:

WHEREAS the Purchaser invited Bids for certain Goods and Related Services, viz., *[insert brief description of the goods and related services]* and has accepted a Bid by the Supplier for the supply of those Goods and Related Services in the sum of *[insert currency or currencies and amount of contract price in words and figures]* (hereinafter “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 Contract referred to.
2. The following documents shall be deemed to form and be read and construed as part of this Agreement, viz.:
 - (a) Letter of Acceptance;
 - (b) Bid Submission Sheet and the Price Schedules submitted by the Supplier;
 - (c) Addenda Nos. *[insert addenda numbers if any]*¹
 - (d) Special Conditions of Contract;
 - (e) List of Eligible Countries that was specified in Section 5 of the Bidding Document;
 - (f) General Conditions of Contract;
 - (g) Schedule of Supply; and
 - (h) any other documents shall be added here.

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.

¹ Information contained in the addenda and or addendum should preferably be included in the contract documents to avoid potential ambiguities during contract implementation. If however, unavoidable priority should be decided depending on the nature of information provided in the addenda/addendum.

3. In consideration of the payments to be made by the Purchaser to the Supplier as indicated in this Agreement, the Supplier hereby covenants with the Purchaser to provide the Goods and Related Services and to remedy defects therein in conformity in all respects with the provisions of the Contract.
4. The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the Goods and Related Services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of *[indicated name of country]* on the day, month, and year indicated above.

Signed by *[insert authorized signature for the Purchaser]* (for the Purchaser)

Signed by *[insert authorized signature for the supplier]* (for the Supplier)

Performance Security

[Bank's name, and address of issuing branch or office]

Beneficiary: Vice Chancellor, Sabaragamuwa University of Sri Lanka

Date:[Insert date (as day, month, and year)]

Performance Guarantee No.:

We have been informed that [name of the supplier] (hereinafter called "the Supplier") has entered into Contract No. [reference number of the contract] dated [date] with you, for the execution of [name of contract and brief description of goods and related services] (hereinafter called "the Contract").

Furthermore, we understand that, according to the conditions of the Contract, a performance guarantee is required.

At the request of the Supplier, we [name of the bank] hereby irrevocably undertake to pay you any sum or sums not exceeding in total an amount of [name of the currency and amount in words]¹ [amount in figures] such sum being payable in the types and proportions of currencies in which the Contract Price is payable, upon receipt by us of your first demand in writing accompanied by a written statement stating that the Supplier is in breach of its obligation(s) under the Contract, without your needing to prove or to show grounds for your demand or the sum specified therein.

This guarantee shall expire, no later than the [date] day of [month], [year],² and any demand for payment under it must be received by us at this office on or before that date.

This guarantee is subject to the Uniform Rules for Demand Guarantees (URDG) 2010 Revisions, ICC Publication No. 758, except that the supporting statement under Article 15(a) is hereby excluded³

.....
[Signature(s) and seal of bank (where appropriate)]

-- Note to Bidder --

If the bank issuing performance security is located outside the Purchaser's country, it shall be counter-guaranteed or encashable by a bank in the Purchaser's country.

- ¹ The guarantor shall insert an amount representing the percentage of the contract price specified in the contract and denominated either in the currency(ies) of the contract or in any freely convertible currency acceptable to the Purchaser.
- ² Insert the date 28 days after the expected completion date. The Purchaser should note that in the event of an extension of the time for completion of the contract, the Purchaser would need to request an extension of this guarantee from the guarantor. Such request must be in writing and must be made prior to the expiration date established in the guarantee. In preparing this guarantee, the Purchaser might consider adding the following text to the form, at the end of the penultimate paragraph: "The Guarantor agrees to a one-time extension of this guarantee for a period not to exceed [six months] [one year], in response to the Purchaser's written request for such extension, such request to be presented to the Guarantor before the expiry of the guarantee."
- ³ Or the purchaser may use "Uniform Rules for Demand Guarantees (URDG), ICC Publication No. 458, except that subparagraph (ii) of Sub-article 20(a) is hereby excluded" as appropriate.

Advance Payment Security

[insert complete name and number of contract]

To: [insert complete name of the Purchaser]

In accordance with the payment provision included in the Contract, in relation to advance payments, [insert complete name of the supplier] (hereinafter called "the Supplier") shall deposit with the Purchaser a security consisting of [indicate type of security], to guarantee its proper and faithful performance of the obligations imposed by said Clause of the Contract, in the amount of [insert currency and amount of guarantee in words and figures].

We, the undersigned [insert complete name of the guarantor], legally domiciled in [insert full address of the guarantor] (hereinafter "the Guarantor"), as instructed by the Supplier, agree unconditionally and irrevocably to guarantee as primary obligor and not as surety merely, the payment to the Purchaser on its first demand without whatsoever right of objection on our part and without its first claim to the Supplier, in the amount not exceeding [insert currency and amount of guarantee in words and figures].

This security shall remain valid and in full effect from the date of the advance payment being received by the Supplier under the Contract until [insert date (as day, month, year)].

This guarantee is subject to the Uniform Rules for Demand Guarantees (URDG) 2010 Revisions, ICC Publication No. 758, except that the supporting statement under Article 15(a) is hereby excluded.¹

Name: [insert complete name of person signing the Security]

In the capacity of [insert legal capacity of person signing the Security]

Signed: [insert signature of person whose name and capacity are shown above]

Duly authorized to sign the security for and on behalf of [insert seal (where appropriate) and complete name of the guarantor]

Date: [insert date of signing]

-- Note to Bidder --

If the bank issuing advance payment security is located outside the Purchaser's country, it shall be counter-guaranteed or encashable by a bank in the Purchaser's country.

¹ Or the purchaser may use "Uniform Rules for Demand Guarantees (URDG), ICC Publication No. 458, except that subparagraph (ii) of Sub-article 20(a) is hereby excluded" as appropriate.

Invitation for Bids (IFB)



Sabaragamuwa University of Sri Lanka Ministry of Education

Loan No. and Title:	3698/3699-SRI: Science and Technology Human Resource Development Project
Contract No. and Title:	MOE/ STHRD/SB/E11A: Procurement of Laboratory Equipment for Analytical Physics Labs the Faculty of Technology - Sabaragamuwa University of Sri Lanka.
Deadline for submission of Bids:	14 th September 2023, 10:00hours (local time)

1. The Democratic Socialist Republic of Sri Lanka has received financing from the Asian Development Bank (ADB) equivalent to US\$ 145 Million towards the cost of implementing the Science and Technology Human Resource Development Project (STHRD Project) under the Ministry of Education and intends to apply part of the proceeds of this financing to payments under the Contract named above. Bidding is open to bidders from eligible source countries of ADB.
2. The Chairman, University Procurement Committee on behalf of the Deputy Project Director, Science and Technology Human Resource Development Project, Sabaragamuwa University of Sri Lanka (**“the Purchaser”**) invites sealed bids from eligible bidders for **MOE/ STHRD/SB/E11A: Procurement of Laboratory Equipment for Analytical Physics Labs the Faculty of Technology - Sabaragamuwa University of Sri Lanka. (the “Goods”)**. This procurement comprises Procurement of Laboratory Equipment for Analytical Physics Labs the Faculty of Technology - Sabaragamuwa University of Sri Lanka. The completion period is 12 Weeks from the date of signing of the Agreement.
3. The bidder should have the following key qualifications to participate in this bidding:
 - Successful completion as main supplier within the last three years, of at least two contracts each valued mentioned in column 2 of following table with nature, and complexity similar to the scope of supply described in Section 6.
 - Minimum average annual turnover of column 3 of following table which is calculated as total payments received by the Bidder for contracts completed or under execution over the last three years.

Key qualifications to participate in this bidding

<i>Column - 1</i>	<i>Column - 2</i>	<i>Column - 3</i>
<i>Lot numbers and Description</i>	<i>Value of each contract (LKR)</i>	<i>Value of average annual turnover (LKR)</i>
Lot 01-Embedded Systems	2,520,000.00	6,300,000.00
Lot 02-Vacuum Based Demonstration Kit	588,000.00	1,470,000.00
Lot 03-Thermodynamics and radiation Kits	1,960,000.00	4,900,000.00
Lot 04-Mechanics Experiment Kits	1,260,000.00	3,150,000.00
Lot 05-Fiber Optical Communication Kit	3,360,000.00	8,400,000.00
Lot 06-Machine Learning and AI, Image Processing Kits	1,512,000.00	3,780,000.00
Lot 07-Computers and Accessories	6,860,000.00	17,150,000.00
Lot 08-Meteorology Experiments	5,600,000.00	14,000,000.00
Lot 09-Electronics and Robotics	3,920,000.00	9,800,000.00
Lot 10-Miscellaneous	588,000.00	1,470,000.00

4. Open competitive bidding will be conducted in accordance with ADB's Procurement of Goods Single Stage – One Envelope procedure and is open to all bidders from eligible countries as described in the Bidding Document.

5. To obtain further information and inspect the Bidding Documents, bidders should contact:

Senior Procurement Officer
Project Implementation Unit
Science and Technology Human Resource Development Project
Faculty of Technology
Sabaragamuwa University of Sri Lanka
Belihuloya,
Sri Lanka
ZIP code: 70140
Telephone: 045-2280081
E-mail: pasb-sthrd@mohe.gov.lk

- Pre-bid meeting will be held at the Board Room, Faculty of Technology Sabaragamuwa University of Sri Lanka via online.

6. To purchase the Bidding Documents in English, eligible bidders should write to the address above requesting the Bidding Documents for the “**MOE/ STHRD/SB/E11A: Procurement of Laboratory Equipment for Analytical Physics Labs the Faculty of Technology - Sabaragamuwa University of Sri Lanka.**” and deposit a non-refundable fee of 5000/= (LKR Five Thousand only) to the account of STHRD Project, Sabaragamuwa University of Sri Lanka to A./C No.0083695474 maintain at Bank of Ceylon Belihuloya (One document for all lots). The document/s will be sent only after producing the bank deposit slip via email, 14.08.2023 onwards. No liability will be accepted for loss or late delivery.

7. Deliver your bid to the following address on or before 10:00 of 14/09/2023 together with a Bid Security as described in the Bidding Document.

Deputy Project Director,
Project Implementation Unit,
STHRD Project,
Faculty of Technology,
Sabaragamuwa University of Sri Lanka,
Belihuloya, Sri Lanka

- Completed bids should be forwarded in two copies as the **ORIGINAL** and the **DUPLICATE**. The original and the duplicate should be enclosed separately and marked as the ‘original’ and ‘duplicate’ respectively in sealed envelopes. Then both envelopes re-enclosed in one sealed envelope marked the respective contract ID on top left-hand corner of the envelope.
8. Bids will be opened immediately after the deadline for bid submission in the presence of bidders’ representatives who choose to attend.

Chairman
Department Procurement Committee
Sabaragamuwa University of Sri Lanka
Belihuloya, Sri Lanka
ZIP code: 70140

Date: 13/08/2023