

BIDDING DOCUMENT

MINISTRY OF EDUCATION

THE OPEN UNIVERSITY OF SRI LANKA

AND

ACCELERATING HIGHER EDUCATION EXPANSION AND DEVELOPMENT OPERATION (AHEAD)/THE OPEN UNIVERSITY OF SRI LANKA

Credit/Grant #: Government Grant World Bank - 6026-LK/8743-LK

Standard Bidding Document
For
Procurement of Supply, Delivery, Installation and Commissioning
of Teaching & Office Equipment

IFB NO: AHEAD/CITES/OUSL/NCB/GOODS/2022/02

Client

Accelerating Higher Education Expansion and Development (AHEAD) The Open University of Sri Lanka P.O. Box 21, Nawala, Nugegoda,

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Section I. Instructions to Bidders (ITB)

ITB shall be read in conjunction with the Section II, Bidding Data Sheet (BDS), which shall take precedence over ITB.

You are hereby bounded to the section 01 – Instructions to venders of the bidding document published by Ministry of Finance, in addition to the sections attached to the bidding documents.

The link available for above information,

https://www.treasury.gov.lk/p/standard-bidding-documents

Section VI. Conditions of Contract

You will be bounded by the section VI – Condition of Contract of the bidding document published by Ministry of Finance, in addition to the sections attached with the bidding documents.

The link available for above information,

https://www.treasury.gov.lk/p/standard-bidding-documents

Section VIII. Contract Forms

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1. Contract Agreement

THIS CONTRACT AGREEMENT is made

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

BETWEEN

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

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

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

- In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.
- The following documents shall constitute the Contract between the Purchaser and the Supplier, and each shall be read and construed as an integral part of the Contract:
 - (a) This Contract Agreement
 - (b) Contract Data
 - (c) Conditions of Contract
 - (d) Technical Requirements (including Schedule of Requirements and Technical Specifications)
 - (e) The Supplier's Bid and original Price Schedules
 - (f) The Purchaser's Notification of Award
 - (g) [Add here any other document(s)]
- 3. This Contract shall prevail over all other Contract documents. In the event of any discrepancy or inconsistency within the Contract documents, then the documents shall prevail in the order listed above.
- 4. In consideration of the payments to be made by the Purchaser to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Purchaser to provide the Goods and Services and to remedy defects therein in conformity in all respects with the provisions of the Contract.
- 5. The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the Goods and Services and the remedying of defects therein, the

Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

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

For and on behalf of the Purchaser

Signed: [insert signature] in the capacity of [insert title or other appropriate designation] in the presence of [insert identification of official witness]

For and on behalf of the Supplier

Signed: [insert signature of authorized representative(s) of the Supplier] in the capacity of [insert title or other appropriate designation] in the presence of [insert identification of official witness]

2. Performance Security

[Note: the purchaser is required to fill the information marked as "*" and delete this note

prior to selling of the bidding document] [The issuing agency, as requested by the successful Bidder, shall fill in this form in accordance with the instructions indicated] ----- [Issuing Agency's Name, and Address of Issuing Branch or Office] ------* Beneficiary: ----- [Name and Address of Employer] ------Date: -----PERFORMANCE GUARANTEE No.: -----We have been informed that ----- [name of Supplier] (hereinafter called "the Supplier") has entered into Contract No. ----- [reference number of the contract] dated ----- with you, for the ----- Supply of ----- [name of contract and brief description [(hereinafter called "the Contract"). Furthermore, we understand that, according to the conditions of the Contract, a performance guarantee is required. At the request of the Supplier, we ----- [name of Agency] hereby irrevocably undertake to pay you any sum or sums not exceeding in total an amount of ------[amount in figures] (-----) [amount in words], such sum being payable in the types and proportions of currencies in which the Contract Price is payable, upon receipt by us of your first demand in writing accompanied by a written statement stating that the Contractor is in breach of its obligation(s) under the Contract, without your needing to prove or to show grounds for your demand or the sum specified therein. This guarantee shall expire, no later than the day of, 20.. [insert date, 28 days beyond the scheduled completion date including the warranty period] and any demand for payment under it must be received by us at this office on or before that date.

[signature(s)]

3. Guarantee for Advance Payment

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

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

[issuing agency's letterhead]

Beneficiary: [insert legal name and address of Purchaser]

ADVANCE PAYMENT GUARANTEE No.: [insert Advance Payment Guarantee no.]

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

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

At the request of the Supplier, we hereby irrevocably undertake to pay you any sum or sums not exceeding in total an amount of [insert amount(s)50 in figures and words] upon receipt by us of your first demand in writing declaring that the Supplier is in breach of its obligation under the Contract because the Supplier used the advance payment for purposes other than toward delivery of the Goods.

It is a condition for any claim and payment under this Guarantee to be made that the advance payment referred to above must have been received by the Supplier on its account [insert number and domicile of the account]

This Guarantee shall remain valid and in full effect from the date of the advance payment received by the Supplier under the Contract until [insert date51].

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

The bank shall insert the amount(s) specified in the CONTRACT DATA and denominated, as specified in the CONTRACT DATA, either in the currency(ies) of the Contract or a freely convertible currency acceptable to the Purchaser.

Insert the Delivery date stipulated in the Contract Delivery Schedule. The Purchaser should note that in the event of an extension of the time to perform the Contract, the Purchaser would need to request an extension of this Guarantee from the bank. 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: "We agree 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 us before the expiry of the Guarantee."

Section II. Bidding Data Sheet (BDS)

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

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

A. General
The Purchaser is: Vice Chancellor, AHEAD Operation, The Open University of Sri Lanka
The name and identification number of the Contract are: Supplying, Delivering, Installation and Commissioning of Teaching & Office Equipment
IFB NO: AHEAD/CITES/OUSL/NCB/GOODS/2022/02
The source of funding is: G.O.S. L and World bank Credit/Grant #:6026-LK/8743-LK
Foreign bidders are allowed to participate in bidding: Not Applicable
B. Contents of Bidding Documents
For <u>Clarification of bid purposes</u> only, the Purchaser's address is:
Attention: Deputy Director - Procurement/AHEAD Operation
Address: Supplies Division, The Open University of Sri Lanka, P.O. Box 21, Nawala, Nugegoda
Telephone: 011-2881127 /0112-881066 /0112-881212
Facsimile number: 0112-881208/011-2853687
Electronic mail address: awday@ou.ac.lk , ots-ahead@ou.ac.lk
C. Preparation of Bids

ITB 14.3 IFB NO: AHEAD/CITES/OUSL/NCB/GOODs/2022/02

The bidders may quote following minimum quantities: (list the items together with quantities)

Item No	Name of the Items	Qty	Units
1	High End Core i5 AIO	260	Nos
	Desktop-Special Lab Use		
2	Tablet PC	40	Nos
3	3KVA UPS	13	Nos
4	Hi End Rack Server	01	Nos
5	High-End Laptop Computers	43	Nos
6	High -End Laptop	07	Nos
	Computers with a dedicated		
	graphic card		
7	Headset for Computers	385	Nos
8	Headset for computers for	25	Nos
	video recording of lecturers		
9	Smart Digital Panel	12	Nos
10	Video Conferencing	09	Nos
	Systems (Camera, Mic,		
	Speakers etc.)-		

ITB	The bidder shall quote the local expenditure in Sri Lankan Rupees.
15.1	
ITB	Period of time the Goods are expected to be functioning (for the
17.3	purpose of spare parts): Minimum of 05 years of operation
ITB	Manufacture Authorization is: Required
18.1	
(a)	
ITB	
18.1	After sales service is: Required
(b)	
ITB	The bid shall be validity until. 91 days from bid opening date (Up to 28/09/2022)
19.1	
ITB	(a) Bid shall include a Bid Security (issued by bank or Bank should be licensed
20.1	Commercial Bank) included in Section IV Bidding Forms Supply, Delivery, Installation
	& Commissioning of Teaching & Office Equipment

	Item No	ecurity shall be as follows: - Bid Security (SLRS)	Valid up to						
	1	1,152,000.00	value up to						
	2	120,000.00							
	12/10/2022								
	3 4	50,500.00 80,000.00							
	5	325,080.00							
	6	56,700.00							
	7	46,440.00							
	8	8,100.00							
	9	144,000.00							
	10 90,000.00								
	(up to 12/10/2022)	e bid security shall be until15 105 day							
		D. Submission and Opening of							
		clopes shall bear the following identi ry, Installation and Commissionin							
	Equipment								
	(AHEAD/CITES/OUSL/NCB/GOODS/2022/02)								
For bid submission purposes, the Purchaser's address is:									
	Attention: The Chairma	nn, Project Procurement Committe	ee.						
	Address: AHEAD Operation, Supplies Division, The Open University of Sri Lar P.O. Box 21, Nawala, Nugegoda								
	Telephone; 011-288121 2	2 / 011-2881627							
The deadline for the submission of bids is:									
	Date: 21/06/2022	Time: 2.00 pm							
	The bid opening shall ta Address: Board Room Date: 21/06/2022		rsity of Sri Lanka						
	Address: Board Room Date: 21/06/2022 A pre-bid meeting will b	xe place at: of the Registrar, The Open Univer	•						
	Address: Board Room Date: 21/06/2022 A pre-bid meeting will b	ke place at: of the Registrar, The Open Univer Time: 2.00 pm e held on 08/06/2022 at 2.00 pm at t Open University of Sri Lanka	•						
	Address: Board Room Date: 21/06/2022 A pre-bid meeting will be Registrar's Office of the E. Evaluation and C	ke place at: of the Registrar, The Open Univer Time: 2.00 pm e held on 08/06/2022 at 2.00 pm at t Open University of Sri Lanka Comparison of Bids	he Board Room of the						
	Address: Board Room Date: 21/06/2022 A pre-bid meeting will be Registrar's Office of the E. Evaluation and C	ke place at: of the Registrar, The Open Univer Time: 2.00 pm e held on 08/06/2022 at 2.00 pm at t Open University of Sri Lanka	he Board Room of the						
	Address: Board Room Date: 21/06/2022 A pre-bid meeting will be Registrar's Office of the E. Evaluation and Community Domestic preference [insert Factor. Not Applicable]	ke place at: of the Registrar, The Open Univer Time: 2.00 pm e held on 08/06/2022 at 2.00 pm at t Open University of Sri Lanka Comparison of Bids sert "shall" or "shall not"] be a bid ev	he Board Room of the						
	Address: Board Room Date: 21/06/2022 A pre-bid meeting will be Registrar's Office of the E. Evaluation and Componentic preference [instactor. Not Applicable] The adjustments shall be	ke place at: of the Registrar, The Open Univer Time: 2.00 pm e held on 08/06/2022 at 2.00 pm at t Open University of Sri Lanka Comparison of Bids	he Board Room of the						
	Address: Board Room Date: 21/06/2022 A pre-bid meeting will be Registrar's Office of the E. Evaluation and Componentic preference [instactor. Not Applicable] The adjustments shall be	ke place at: of the Registrar, The Open Univer Time: 2.00 pm e held on 08/06/2022 at 2.00 pm at to Open University of Sri Lanka Comparison of Bids Fert "shall" or "shall not"] be a bid extended to the control of the	he Board Room of the						
	Address: Board Room Date: 21/06/2022 A pre-bid meeting will be Registrar's Office of the E. Evaluation and Community Domestic preference [instactor. Not Applicable The adjustments shall be out in Section III, Evaluation in Delivered Date: 10 Deviation in Delivered Date: 21/20/2019 Deviation Date: 21/20/2019 De	ke place at: of the Registrar, The Open Univer Time: 2.00 pm e held on 08/06/2022 at 2.00 pm at to Open University of Sri Lanka Comparison of Bids Fert "shall" or "shall not"] be a bid extended to the control of the	he Board Room of the valuation eria, from amongst those s						
	Address: Board Room Date: 21/06/2022 A pre-bid meeting will be Registrar's Office of the E. Evaluation and Comments preference [instactor. Not Applicable The adjustments shall be out in Section III, Evaluation in Delive Option 1 is selected	ke place at: of the Registrar, The Open Univer Time: 2.00 pm e held on 08/06/2022 at 2.00 pm at to Open University of Sri Lanka Comparison of Bids sert "shall" or "shall not"] be a bid ex determined using the following criteriation and Qualification Criteria21: ry schedule22:	he Board Room of the valuation eria, from amongst those s						

- Statement of Financial position and Performance for last three years.
 Information on similar deliveries in last three years
 Experience and Technical Capacity
 Estimated cost of spare parts & other consumables
 After Sales Services: -
 - Proximity of service facilities to the location where equipment will be installed.
 - Number & Level of expertise of available staff
 - Level of spare parts stock
 - Duration of spare parts manufactured
 - Duration of After Sale Service

© Documentary Evidence

- 1. Letter of Manufacturer Authorization
- 2. ISO Certificate
- **3.** Manuals
- **4.** Brochures
- ITB Bidders shall be allowed to quote for one or more item. Each item will be evaluated 35.5 separately.

Section III. Evaluation and Qualification Criteria

This Section complements the Instructions to Bidders. It contains the criteria that the Purchaser uses to evaluate a bid and determine whether a Bidder has the required qualifications. No other criteria shall be used.

[The Purchaser shall select the criteria deemed appropriate for the procurement process, insert the appropriate wording using the samples below or other acceptable wording, and delete the text in italics]

Contents

- 1. Evaluation Criteria (ITB 35.3 {d})
- 2. Evaluation Criteria (ITB 35.4
- 3. Multiple Contracts (ITB 35.5)
- 4. Domestic Preference (ITB 34.1)
- 5. Post qualification Requirements (ITB 37.2)

1. Evaluation Criteria (ITB 35.3 (d))

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

(a) Delivery schedule

Option 1

The Goods specified in the List of Goods are required to be delivered within the acceptable time range (after the earliest and before the final date, both dates inclusive) specified in Section VI, Delivery Schedule. No credit will be given to deliveries before the earliest date, and bids offering delivery after the final date shall be treated as non-responsive. Within this acceptable period, an adjustment, as specified in BDS Sub-Clause 35.3(d), will be added, for evaluation purposes only, to the bid price of bids offering deliveries later than the "Earliest Delivery Date" specified in Section VI,, Delivery Schedule.

(b) Cost of major replacement components, mandatory spare parts, and service. [insert one of the following]

(i) The list of items and quantities of major assemblies, components, and selected spare parts, likely to be required during the initial period of operation specified in the BDS Sub-Clause 17.3, is in the List of Goods. An adjustment equal to the total cost of these items, at the unit prices quoted in each bid, shall be added to the bid price, for evaluation purposes only. Add quantities

or

(ii) The Purchaser will draw up a list of high-usage and high-value items of components and spare parts, along with estimated quantities of usage in the initial period of operation specified in the BDS Sub-Clause 17.3. The total cost of these items and quantities will be computed from spare parts unit prices submitted by the Bidder and added to the bid price, for evaluation purposes only.

(D) Specific additional criteria

Other specific additional criteria to be considered in the evaluation, and the evaluation method shall be detailed in BDS Sub-Clause 35.3(d)]

2. Evaluation Criteria (ITB 35.4 (describe the methodology)

3. Post qualification Requirements (ITB 37.2)

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

(a) Financial Capability

The Bidder shall furnish documentary evidence that it meets the following financial requirement(s):

- 1. Statement of Financial Position and Performance for last three years.
- 2. Information on similar deliveries in last three years

(b) Experience and Technical Capacity

The Bidder shall furnish documentary evidence to demonstrate that it meets the following experience requirement(s):

- 1. Estimated cost of spare parts & other consumables
- 2. After Sales Services: -
 - Proximity of service facilities to the location where equipment will be installed.
 - Number & level of expertise of available staff
 - Level of spare parts stock.
 - Duration of spare parts manufactured
 - Duration of After Sale Service

- (c) The Bidder shall furnish documentary evidence to demonstrate that the Goods it offers meet the following usage requirement:

 1. Letter of Manufacturer Authorization

 - 2. ISO Certificate
 - 3. Manuals
 - 4. Brochures

Section IV Bidding Forms

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Bid-Securing Declaration	21
Manufacturer's Authorization	22
Post Qualification Requirements	23

Bid Submission Form

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

Date of Bid Submission:....

No Delivery Date (SLRS) Valup to 15/09/2022 (LKR) 1 High End Core i5 AIO Desktop-Special Lab Use 256 Nos 90 days 1,152,0 2 Tablet PC 40 Nos 90 days 120,0 3 3KVA UPS 13 Nos 90 days 50,5 4 Hi End Rack Server 01 Nos 90 days 80,0 5 High-End Laptop Computers 43 Nos 90 days 325,0 6 High -End Laptop Computers with a dedicated graphic card 07 Nos 90 days 56,7 7 Headset for Computers 385 Nos 90 days 46,4 8 Headset for computers for video recording of lecturers 25 Nos 90 days 8,1	No.: Ye offer to elivery Schervices.	o supply in conformity with hedules specified in the Scheon HEAD/CITES/OUSL/No.	the Bid	ding Docu Requiremen	ments and in a	accordance with
Desktop-Special Lab Use 2 Tablet PC 40 Nos 90 days 120,0 3 3KVA UPS 13 Nos 90 days 50,5 4 Hi End Rack Server 01 Nos 90 days 80,0 5 High-End Laptop 43 Nos 90 days 325,0 Computers 07 Nos 90 days 56,7 Computers with a dedicated graphic card 7 Headset for Computers 385 Nos 90 days 46,4 8 Headset for computers for video recording of lecturers 90 days 90 days 8,1		Name of the Items	Qty	Units	Delivery	15/09/2022
2 Tablet PC 40 Nos 90 days 120,0 3 3KVA UPS 13 Nos 90 days 50,5 4 Hi End Rack Server 01 Nos 90 days 80,0 5 High-End Laptop 43 Nos 90 days 325,0 Computers 07 Nos 90 days 56,7 Computers with a dedicated graphic card 7 Headset for Computers 385 Nos 90 days 46,4 8 Headset for computers for video recording of lecturers 90 days 90 days 8,1	1	C	256	Nos	90 days	1,152,000.0
4 Hi End Rack Server 01 Nos 90 days 80,0 5 High-End Laptop 43 Nos 90 days 325,0 Computers 6 High -End Laptop 07 Nos 90 days 56,7 Computers with a dedicated graphic card 7 Headset for Computers 385 Nos 90 days 46,4 8 Headset for computers for video recording of lecturers 25 Nos 90 days 8,1	2		40	Nos	90 days	120,000.
5 High-End Laptop Computers 6 High -End Laptop O7 Nos 90 days 56,7 Computers with a dedicated graphic card 7 Headset for Computers 385 Nos 90 days 46,4 8 Headset for computers for video recording of lecturers	3	3KVA UPS	13	Nos	90 days	50,500.
Computers 6 High -End Laptop 07 Nos 90 days 56,7 Computers with a dedicated graphic card 7 Headset for Computers 385 Nos 90 days 46,4 8 Headset for computers for video recording of lecturers	4	Hi End Rack Server	01	Nos	90 days	80,000.
6 High -End Laptop Computers with a dedicated graphic card 7 Headset for Computers 385 Nos 90 days 46,4 8 Headset for computers 7 Nos 90 days 8,1 video recording of lecturers	5		43	Nos	90 days	325,080.
7 Headset for Computers 385 Nos 90 days 46,4 8 Headset for computers for 25 Nos 90 days 8,1 video recording of lecturers	6	High -End Laptop Computers with a dedicated	07	Nos	90 days	56,700.
video recording of lecturers	7		385	Nos	90 days	46,440.
	8		25	Nos	90 days	8,100.
	9	Smart Digital Panel	12	Nos	90 days	144,000.
10 Video Conferencing 09 Nos 90 days 90,0 Systems (Camera, Mic, Speakers etc.)-	10	Systems (Camera, Mic,	09	Nos	90 days	90,000.

(d)	The total price of our Bid including VAT, and any discounts offered is:
	Rs (In
	words)
	Rs(In
	figures)
(e)	Our bid shall be valid for the period of time specified in ITB Sub-Clause 18.1, from the date fixed for the bid submission deadline in accordance with ITB Sub-Clause 23.1, and it shall remain binding upon us and may be accepted at any time before the expiration of that period;
(f)	If our bid is accepted, we commit to obtain a performance security in accordance with ITB Clause 43 and CC Clause 17 for the due performance of the Contract;
(g)	We have no conflict of interest in accordance with ITB Sub-Clause 4.3;
(h)	Our firm, its affiliates or subsidiaries—including any subcontractors or suppliers for any part of the contract—has not been declared blacklisted by the National Procurement Agency;
(j)	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.
(k)	We understand that you are not bound to accept the lowest evaluated bid or any other bid that you may receive.
Signa	ature :
Name	e of the person signing the bid:
Natio	onal ID No:
Desig	gnation:
Duly	authorized to sign the bid for and on behalf of:
Name	e & address of the organization:
	(Company Seal)

				Goods and related Services offered within Sri Lanka (in Sri Lankan Rupees)							
Lin e Ite m No.	e Ite Qty a		ınd unit	Unit price (inclusive Price of duties, per sales and line other item taxes) (Col. Excluding 3x4) VAT		Inland transportation, insurance and other related services to deliver the goods to their final destination if not included under column 4	Total Price Excluding VAT (Col 5+6)	Discounte d Total price (if any) excluding VAT	VAT	Total Price Including VAT (Col. 7 or 8+9)	Remarks
1	High End Core i5 AIO Desktop- Special Lab Use	256	Nos.								
2	Tablet PC	40	Nos.								
3	3KVA UPS	13	Nos.								
4	Hi End Rack Server	01	Nos.								
5	High-End Laptop Computers	43	Nos.								
6	High-End Laptop Computers with a dedicated graphic card	07	Nos.								
7	Headset for computers	385	Nos.								
8	Headset for computers for video recording of lecturers	25	Nos.								
9	Smart Digital Panel	12	Nos.								
10	Video Conferencing Systems (Camera, Mic, Speakers etc.)-	09	Nos.								

Bid Guarantee

IFB No: AHEAD/CITES/OUSL/NCB/GOODS/2022/02

[this Bank Guarantee form shall be filled in accordance with the instructions indicated in brackets]
[insert issuing agency's name, and address of issuing branch or office]
*Beneficiary: Vice Chancellor, Open University of Sri Lanka
Date: BID GUARANTEE No.: [insert (by issuing agency) number]
We have been informed that [insert (by issuing agency) name of the Bidder; if a joint venture, list complete legal names of partners] (hereinafter called "the Bidder") has submitted to you its bid dated [insert (by issuing agency) date] (hereinafter called "the Bid") for the supply of [insert name of Supplier] under Invitation for Bids No [insert IFB number] ("the IFB").
Furthermore, we understand that, according to your conditions, Bids must be supported by a Bid Guarantee.
At the request of the Bidder, we [insert name of issuing agency] hereby irrevocably undertake to pay you any sum or sums not exceeding in total an amount of [insert amount in figures] [insert amount in words]) upon receipt by us of your first demand in writing accompanied by a written statement stating that the Bidder is in breach of its obligation(s) under the bid conditions, because the Bidder:
 (a) has withdrawn its Bid during the period of bid validity specified; or (b) does not accept the correction of errors in accordance with the Instructions to Bidders (hereinafter "the ITB"); or (c) having been notified of the acceptance of its Bid by the Purchaser during the period of bid validity, (i) fails or refuses to execute the Contract Form, if required, or (ii) fails or refuses to furnish the Performance Security, in accordance with the ITB.
This Guarantee shall expire: (a) if the Bidder is the successful bidder, upon our receipt of copies of the Contract signed by the Bidder and of the Performance Security issued to you by the Bidder; or (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 that the Bidder was unsuccessful, otherwise it will remain in force up to (<i>insert date</i>) Consequently, any demand for payment under this Guarantee must be received by us at the office on or before that date.
[signature(s) of authorized representative(s)]

Bid-Securing Declaration

delete
bidder
t name
number
ıumber
7

We, the undersigned, declare that:

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

- 1. We understand that, according to instructions to bidders (hereinafter "the ITB"), bids must be supported by a bid-securing declaration;
- 2. We accept that we shall be suspended from being eligible for contract award in any contract where bids have being invited by any of the Procuring Entity as defined in the Procurement Guidelines published by National Procurement Agency of Sri Lanka, for the period of time of three years starting on the latest date set for closing of bids of this bid, if we:
 - (a) withdraw our Bid during the period of bid validity period specified; or
 - (b) do not accept the correction of errors in accordance with the Instructions to Bidders of the Bidding Documents; or
 - (c) having been notified of the acceptance of our Bid by you, during the period of bid validity, (i) fail or refuse to execute the Contract Form, if required, or (ii) fail or refuse to furnish the performance security, in accordance with the ITB.
- 3. We understand this bid securing shall expire if we are not the successful bidder, upon the earlier of (i) our receipt of a copy of your notification to the Bidder that the bidder was unsuccessful; or (ii) twenty-eight days after the expiration of our bid.
- 4. We understand that if we are a JV, the Bid Securing Declaration must be in the name of the JV that submits the bid. If the JV 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.

Signed [insert signature(s) of authorized representative] In the Capacity of [insert title] Name [insert printed or typed name]
Duly authorized to sign the bid for and on behalf of [insert authorizing entity]
Dated on [insert day] day of [insert month], [insert year]

Manufacturer's Authorization

Date: [insert date (as day, month and year) of Bid Submission]

IFB No: AHEAD/CITES/OUSL/NCB/GOODS/2022/02

To: Vice Chancellor, AHEAD Operation, The Open University of Sri Lanka

WHEREAS

We [insert complete name of Manufacturer], who are official manufacturers of [insert type of goods manufactured], having factories at [insert full address of Manufacturer's factories], do hereby authorize [insert complete name of Bidder] to submit a bid the purpose of which is to provide the following Goods, manufactured by us [insert name and or brief description of the Goods], and to subsequently negotiate and sign the Contract.

We hereby extend our full guarantee and warranty in accordance with Clause 27 of the Conditions of Contract, with respect to the Goods offered by the above firm.

Signed: [insert signature	e(s) of authorized re	epresentative(s) of	the Manufacturer]
Name: [insert complete i	name(s) of authorize	ed representative(s) of the Manufacturer]
Title: [insert title]			
Duly authorized to sign to	his Authorization o	on behalf of: [inser	t complete name of Bidder]
Dated on	day of		[insert date of signing]

POST QUALIFICATION REQUIREMENT

Description	Bidder	s Response
	Provided	Not Provided
(1) Financial Capability		
a. Statement of Financial Position and Performance for last three years.		
b. Information on similar deliveries in last three years		
(2) Experience and Technical Capa	ecity	
2.1 Estimated cost of spare parts & other consumables		
2.2 After Sales Services :-		
 Proximity of service facilities to the location where equipment will be installed. Number & level of expertise of available staff Level of spare parts stock. Duration of spare parts manufactured 		
 Duration of After Sale Service 		
(3) Documentary Evidence		
3.1 Letter of Manufacturer Authorization 3.2 ISO Certificate		
3.3 Manuals		
3.4 Brochures		
(4) Domestic Preference (Applicable	le only for GOSL Fu	nd)
4.1 A certification from an authorized auditor certifying such value addition		

Section V. Schedule of Requirements

Contents

1.	List of Goods and Delivery Schedule	25
2.	Technical Specifications	26

1. List of Goods and Delivery Schedule

(The Purchaser shall fill in this table, with the exception of the column "Bidder's offered Delivery date" to be filled by the Bidder)

IFB No: AHEAD/CITES/OUSL/NCB/GOODSs/2022/02

Line Item No.	Description of Goods or related services	Qty	Unit	Final (Project Site) Destination as specified in BDS	Earliest Delivery Date	Latest Delivery Date	Bidder's offered Delivery date (to be provided by the bidder)
1	High End Core i5 AIO Desktop- Special Lab Use	256	Nos.				
2	Tablet PC	40	Nos.				
3	3KVA UPS	13	Nos.				
4	Hi End Rack Server	01	Nos.				
5	High-End Laptop Computers	43	Nos.	The Onen			
6	High-End Laptop Computers with a dedicated graphic card	07	Nos.	The Open University of Sri	90 days from the date of awarding		
7	Headset for computers	385	Nos.	Lanka			
8	Headset for computers for video recording of lecturers	25	Nos.				
9	Smart Digital Panel	12	Nos.				
10	Video Conferencing Systems (Camera, Mic, Speakers etc.)-	09	Nos.				

2. Technical Specifications

The purpose of the Technical Specifications (TS), is to define the technical characteristics of the Goods and Related Services required by the Purchaser. The Purchaser shall prepare the detailed TS take into account that:

- The TS constitute the benchmarks against which the Purchaser will verify the technical responsiveness of bids and subsequently evaluate the bids. Therefore, well defined TS will facilitate preparation of responsive bids by bidders, as well as examination, evaluation, and comparison of the bids by the Purchaser.
- The TS shall require that all goods and materials to be incorporated in the goods be new, unused, and of the most recent or current models, and that they incorporate all recent improvements in design and materials, unless provided for otherwise in the contract.
- The TS shall make use of best practices. Samples of specifications from successful similar procurements may provide a sound basis for drafting the TS.
- Standardizing technical specifications may be advantageous, depending on the complexity of the goods and the repetitiveness of the type of procurement. Technical Specifications should be broad enough to avoid restrictions on workmanship, materials, and equipment commonly used in manufacturing similar kinds of goods.
- Standards for equipment, materials, and workmanship specified in the Bidding Documents shall not be restrictive. Recognized standards should be specified as much as possible. Reference to brand names, catalogue numbers, or other details that limit any materials or items to a specific manufacturer should be avoided as far as possible. Where unavoidable, such item description should always be followed by the words "or substantially equivalent." When other particular standards or codes of practice are referred to in the TS, a statement should follow other authoritative standards that ensure at least a substantially equal quality, then the standards mentioned in the TS will also be acceptable.
- Reference to brand names and catalogue numbers should be avoided as far as possible; where unavoidable the words "or at least equivalent" shall always follow such references.
- Technical Specifications shall be fully descriptive of the requirements in respect of, but not limited to, the following:
 - (a) Standards of materials and workmanship required for the production and manufacturing of the Goods.
 - (b) Detailed tests required (type and number).
 - (c) Other additional work and/or Related Services required to achieve full delivery/completion.
 - (d) Detailed activities to be performed by the Supplier, and participation of the Purchaser thereon.

- (e) List of detailed functional guarantees covered by the Warranty and the specification of the liquidated damages to be applied in the event that such guarantees are not met.
- The TS shall specify all essential technical and performance characteristics and requirements, including guaranteed or acceptable maximum or minimum values, as appropriate. Whenever necessary, the Purchaser shall include an additional adhoc bidding form (to be an Attachment to the Bid Submission Sheet), where the Bidder shall provide detailed information on such technical performance characteristics in respect to the corresponding acceptable or guaranteed values.

When the Purchaser requests that the Bidder provides in its bid a part or all of the Technical Specifications, technical schedules, or other technical information, the Purchaser shall specify in detail the nature and extent of the required information and the manner in which it has to be presented by the Bidder in its bid.

NOTE TO BIDDERS

- 1. All columns on forms must be filled in ink.
- 2. Any Alternations / Deletions cut off by re written, and initialed by the tendered.
- 3. Please avoid using tippex and any similar substance or writing one over the other.
- 4. Please indicate any discount applicable or if any other tax is changed in addition to the amount quoted.
- 5. Bids which are not forwarded required outline in (01) above shall be rejected.
- 6. Please submit catalogue all items.
- 7. Alternative bids are rejected, no options

IFB No: AHEAD/CITES/OUSL/NCB/GOODS/2022/02

	TECHNICAL SPECIFICATIONS FOR TEACHING AND OFFICE EQUIPMENT					
1	2	3	4	5	6	7
Line	Description of Goods or related services	No. of		chnical Specifica Requirements		ndards r's offer
Item No.		Annexure	Details	priority	Yes (Y) No (N)	Remarks
1	High End Core i5 AIO Desktop-Special Lab Use	Annexure 1				
2	Tablet PC	Annexure 2				
3	3KVA UPS	Annexure 3				
4	Hi End Rack Server	Annexure 4				
5	High-End Laptop Computers	Annexure 5				
6	High-End Laptop Computers with a dedicated graphic card	Annexure 6				
7	Headset for computers	Annexure 7				
8	Headset for computers for video recording of lecturers	Annexure 8				
9	Smart Digital Panel	Annexure 9				
10	Video Conferencing Systems (Camera, Mic, Speakers etc.)-	Annexure 10				

Annexure 1

Technical Specification for High End Core i5 AIO Desktop-Special Lab Use

Number of Unites: -- 256 Nos

Item No.	Description of Goods or Related Service	es		
01	High End Core i5 AIO Desktop			
	Technical Specification and Standards			
	OUSL minimum requirements	Bidder's Compliance		
Features	(If the supplier/vendor offers the OUSL	Yes/No	If "No",	
	minimum req. or higher)		Bidder's Response	
Brand	Should be indicated by the vendor			
	(Branded)			
Model	Should be indicated by the vendor			
	(Branded)			
Country of Origin & Coun	ntry of Should be indicated by the vendor			
Manufacture / assembly	(Branded)			
Processor	Intel® Core i5-11400 11th			
	Generation Processor or higher			
Base Frequency	Intel: 2.6GHz or Higher			
Cache	Intel: 12MB or Higher			
Form Factor	All in One Computer			
Chipset	Intel Express B Business 400 Series			
F	Chipset or higher			
Motherboard	Should be the same quoted brand (Serial			
	number of the CPU should show in			
	BIOS)			
Memory	8GB DDR4 2666MHz or Higher			
Maximum memory	Upgradeable to Maximum of 32GB			
·	RAM			
Memory Slot	2 DIMM's			
Internal Storage	256GB M.2 NVMe SSD			
G	1TB 7200 RPM SATA			
Display	21.5" or Higher Widescreen Color LED			
r y	Monitor supporting resolutions 21.5"			
	Antiglare (FHD 1920x1080) or better.			
Keyboard	104 Key Standard Keyboard to be as			
•	same brand in English			
Mouse	Two buttons with scroll wheel optical			
	Mouse with Mouse Pad			
Video controller	Intel UHD Graphics 730			
Optical drive	SATA DVD Drive (+/-RW)			
Speaker	Internal Speakers			
Network interface	Gigabit Ethernet Network Interface			
	Card (10/100/1000) Internal			
	Wi-Fi 802.11 ac (2x2) Card			
	USB Dongle is not accepted			
I/O ports	1 x HDMI Out port			
	I/O ports			
	1 x RJ-45port			
	4 x USB 3.2 (Type A)			

	1x USB 2.0 (Type A)	
	2 x Audio Jacks	
Camera / Microphone	5MP Full HD Web Camera with dual array	
•	digital microphone	
Expansion Slots	Vender should indicate	
Security	Kensington Lock	
	Camera Privacy Protection (with	
-	Hardware Lock)	
Power Supply	Vender should indicate	
	Vender should supply all cables	
	necessary with appropriate. Connectors	
	and power cords with BS1363 Plugs.	
0	(Specify)	
Operating system	Microsoft Windows 10 Pro 64 Bit with	
	OEM License.	
	(Manufacturers Confirmation proof documents should be attached)	
Manufacturar Evnariance	Manufacturer should have a minimum of	
Manufacturer Experience	03 years' experience in manufacturing of	
	the same brand. (Proof document	
	should be attached)	
Manufacturer	Manufacturer Authorization Certificate	
Authorization Certificate	should be provided. (Originals should be	
Authorization Certificate	provided on request)	
Warranty	Comprehensive on-site manufacturer	
· · · · · · · · · · · · · · · · · · ·	authorized warranty for 36 months	
	(Labor & Parts) Excluding Consumes.	
	Bidder or its parent company or its	
	subsidiary should have Island-Wide	
	owned branch network.	
	Documentary evidence to be provided	
	of the following under bidders' name.	
	(a) Address, Contact Details & Date of	
	Commencement of each	
	branch/regional office (Should have	
	completed minimum of 05 years from	
	the Date of Commencement of each branch/regional office)	
	(Proof document should be attached)	
Standards & certifications for	Product certifications of the quoted	
manufacture of the quoted	model energy star or any of the equal certificate to energy star, issued by	
brand	authorized body who has the authority to	
	do so, (documentary evidence must be	
	provided)	
	Valid ISO 9001:2015 & ISO	
	14001:2015, Offered model must be	
	possess FCC & CE or equal	
Warranty Information	Should be fix a sticker with	
	-Supplier name	
	-Contact Numbers	
	-Date of Commissioning of Hardware	
	-Warranty period	

	On all computers	
Brochure	Cymplian shoyld mayida haashyaa af	
Brochure	Supplier should provide brochure of make/model quoted as per above	
	specification.	

Annexure 2

Specifications for Tablet PC

Number of Unites: -- 40 Nos

Item No.	Description of Goods or Related Services	S		
02	Tablet PC			
	Technical Spe	cification and	d Standards	
	OUSL minimum	В	idder's Compliance	
Features	requirements	Yes/No	If "No",	
	(If the supplier/vendor offers the OUSL		Bidder's Response	
	minimum req. or higher)		_	
Make	Should be indicated by the vendor			
Model	Should be indicated by the vendor			
Country of Origin	Should be indicated by the vendor			
Manufactured Year	2020 or later			
	Screen size: 11" - 12.5"			
Display	Screen type: TFT or LTPS TFT			
Display	Resolution: 1600 x 2560 or better			
	Refresh rate: specify			
	RAM			
Memory	Storage			
	Card slot			
Network	HSPA, LTE, 5G preferable			
OS	Android 10 or latest version			
Chipset	Qualcomm Snapdragon 865 or better			
	Main camera – 10MP or higher			
	Selfie Camera – 8MP or higher			
Camera	Features - specify			
	Video recording – specify in each			
	camera			
~ .	Loudspeaker (Specify the number of			
Sound	speakers)			
	3.5mm jack – Specify			
	WLAN			
Communication	Bluetooth GPS			
	USB			
	Fingerprint, accelerometer, gyro,			
Sensors	proximity, compass, specify other			
Delisors	sensors			
	Li-Po 8000 mAh or higher, fast			
Battery	charging			
	Stylus – required, Provide the			
	specification and features			
Accessories	Detachable Keyboard – specify			
	Power Supply			
	Quick Start Guide			
	Safety and warranty documents			
	2 years comprehensive for island			
Warranty	wide support. Vendor should provide			
TT arrancy	details about support centres, contact			
	details			

	Bidder shall provide spares and	
	replacements during the warranty	
	period free of charge	
	Transportation to and from the university or relevant Study	
	Centre/Regional Centre in case of a	
	repair/ site visit, during the warranty	
	period shall be free of charge	
	Bidder should include all necessary	
	manuals and documentation related to	
Manuals	the product including the original	
	product brochure	
	Manufacturer should have minimum	
Manufacturer	of ten years' experience in	
Experience	manufacturing of the same brand.	
Experience	(Proof document should be attached)	
	The bidder should have successfully	
	sold same similar product for last 3	
Bidders Experience	years (Bidder should provide	
Didders Experience	documentary evidence to support the	
	above)	
	All hardware should comply with	
	current safety standards for radiation,	
	electrical safe and RFI. Vendors	
	should indicate relevant standards to	
	which, their equipment are	
	conforming. Vendor should provide	
	ISO 9000 certification (specially, ISO	
	9001, ISO 9002 & ISO 9003) for all	
Compliance with	hardware. Vendor should indicate (i)	
standards	the date of expiry of the ISO 9000	
	certificate (ii) state scope of	
	certification and (iii) the name,	
	mailing address, FAX number and the	
	E-mail address of the accreditation	
	agency. (Note your ISO 9000	
	certificate must be valid at least for	
	120 days after the closing date of the	
	tender.)	
After sales services	The bidder shall demonstrate his (her)	
	ability to provide the necessary after	
	sales services, within the warranty	
	period. This shall be by the way of	
	including description of the	
	organization of the service function.	
	Testimonies from the current users of	
	similar systems in Sri Lanka and any	
	other relevant documentary proofs	
	The bidder shall clearly indicate the	
	cost of annual maintenance warranty	
	package under a service agreement	
Brochure	Supplier should provide brochure of	
	make/model quoted as per above	
	specification	

Authentication	Bidder shall submit a certificate from the manufacturer to demonstrate that it has been duly authorized by the manufacturer of the goods to supply goods in Sri Lanka
Warranty Information	A sticker with -Supplier Name -Contact Numbers -Date of Commissioning of Hardware -Warranty Period on all Tablet Computers

Annexure 3

Specifications for 3KVA UPS

Number of Unites: -- 13 Nos

Item No.	Description of Goods or Related Service	S		
03	3KVA UPS			
	Technical Specification	ication and		
Features	OUSL minimum	Bidder's Compliance		
reatures	requirements (If the supplier/vendor offers the OUSL minimum req. or higher)	Yes/No	If "No", Bidder's Response	
Туре	Rack/Tower convertible			
Make	Should be indicated by the vendor			
Model	Should be indicated by the vendor			
Country of Origin	Should be indicated by the vendor			
Country of Manufacturing	Should be indicated by the vendor			
Output power capacity	2.7kWatts / 3.0kVA			
Max Configurable Power (Watts)	2.7kWatts / 3.0kVA			
Nominal Output Voltage	230V			
Output Voltage Note	Configurable for 220:230 or 240 nominal output voltage			
Output Voltage Distortion	Less than 2%			
Output Frequency (sync to mains)	50/60Hz +/- 3 Hz			
Other Output Voltages	220, 240			
Load Crest Factor	3:01			
Topology	Double Conversion Online			
Waveform type	Sine wave			
Output Connections	(8) IEC 320 C13 (Battery Backup)			
	(2) IEC 320 C19 (Battery Backup)			
	(2) IEC Jumpers (Battery Backup)			
Bypass	Internal Bypass (Automatic and Manual)			
Nominal Input Voltage	230V			
Input frequency	40 - 70 Hz (auto sensing)			
Input Connections	British BS1363A, IEC-320 C20, Schuko CEE 7/EU1-16P			
Cord Length	2.44meters			
Input voltage range for main operations	160 - 275V			
Input voltage adjustable range for mains operation	100 - 275 (half load) V			
Number of Power Cords	1			
Battery type	Maintenance-free sealed Lead-Acid battery with suspended electrolyte: leakproof			

Typical recharge time	3hour(s)	
Nominal Battery Voltage	96V	
RBC Quantity	1	
Extendable Run Time	1	
Interface Port(s)	RJ-45 Serial, SNMP Monitoring Card Slot, USB	
Control panel	Multi-function LCD status and control console	
Audible Alarm	Audible and visible alarms prioritized by severity	
Pre-Installed SNMP Control Cards	1 with 10/100/1000mbps Rj45 interface (monitoring and controlling – reboot /shutdown)	
Emergency Power Off (EPO)	Yes	
Surge energy rating	340Joules	
Rack/Tower convertible	Yes	
Operating Temperature	0 - 40 °C	
Operating Relative Humidity	0 - 95 (non-condensing) %	
Operating Elevation	0-3000meters	
Audible noise at 1 meter from surface of unit	55.0dBA	
Online thermal dissipation	703.0BTU/hr	
Approvals	CE, CE Mark, EAC, EN/IEC 62040-1, EN/IEC 62040-2, RCM, VDE	
RoHS	Compliant	
REACH	REACH: Contains No SVHCs	

Battery Directive	Compliant	
Maximum Height	432MM	
Maximum Width	85MM	
Maximum Depth	635MM	
Net Weight	32 KG or less than	
Warranty	2 years comprehensive.	
	Bidder shall provide a replacement unite if the unite is taken out of the university for repair	
	Transportation to and from the university in the case of a repair during the warranty period shall be free of charge	
Authentication	Bidder should be premier partner for relevant brand. He shall submit a certificate from the manufacturer to demonstrate that it has been duly authorized by the manufacturer of the goods to supply goods in Sri Lanka	
Manuals	Bidder should include necessary manuals and documentations, control software via SNMP related to the product	
Compliance with Standards	All hardware should comply with current safety standards for Radiation, electrical safety and RFI. Vendor should indicate relevant standards to which, their equipment is conforming. Vendor should provide ISO 9000 certification (specially, ISO9001, ISO9002 & ISO 9003d) for all hardware. Vendor should (i) the date of expiry of ISO 9000 certificate (ii)state scope of certification and (iii) the name, mailing address, FAX number and the E-mail address of the accreditation agency. (Note your ISO 9000 certificate must be valid at least for 120 days after closing date of tender.)	
After Sales Service	The bidder shall demonstrate his (her) ability to provide the necessary after sales services, within the warranty period. This shall be by the way of including description of the organization of the service function. Testimonies from	

the current users of similar system in Sri Lanka and any other relevant documentary proofs	
, ,	

Specifications for Hi End Rack Server

Number of Unites: -- 01 Nos

Item No.	Description of Goods o	r Related Services					
04	Hi End Rack Server Technical Specification and Standards						
	Technical Specifications and Standards of Hi End Rack Server for Academic Activities						
	Purchaser's requiremen	nts		Bidder' Offer			
	Features		Priority	Yes/No	Remarks		
	Туре	2U Rack Mount					
	Make	Should be indicated by the vendor					
	Model	Should be indicated by the vendor					
	Country of Origin	Should be indicated by the vendor					
	Country of Manufacturing	Should be indicated by the vendor					
	Processor	2 x Intel Xeon Gold (62XX) / AMD EPYC (72XX) 3.2GHz , 12Core/24Threat or better					
	RAM	Should consist a total of 256 GB Dual Rank DDR4 memory (4x 64GB RDIMM) with 3200 MT/s speed					
	Maximum support of Memory	Per Processor 1TB or More					
	RAID Controller	1x - RAID Controller, 8Gb Write Cache					
	Supported RAID Levels	RAID 0,1,5,6, and 10					
	Hard Disk	4 x 950GB+ SSD SAS, 12Gbps					
	SD Cards	2x 16GB microSD cards plugged inside					
		the Server with a compatible card					
		reader (cards Should be certified by					
		server manufacturer)					
	Network Interfaces	2 x 10GbE + 4 x 1GbE					
	External Graphic Card	2 x NVIDIA® Quadro® RTX 6000 24 GB, 250W, Dual Slot, PCIe x16 Passive Cooled, Full Height GPU					
	Graphic Card	PCI Full Extension support for 4 x GPU					
	Extension	Extension.					
	Power Supply	Redundant Power Supply (1+1), Power rated as recommended with Power Cables					
	Optical Drive	Internal DVD RW					
	PCI Slots	8 or More					
	Internal FAN	Should consist of 6 or more redundant hot-pluggable fan subsystem					
	Ports	Front – 1x USB 3.0,2x USB 2.0,1x VGA			1		
	3.00	Rear – 1x Dedicated server			1		
		management port,1x Serial,2x USB 3.0,2x USB 2.0,1x VGA					

Form Factor	Chassis with up to 8 x 2.5"		
Tommactor	SAS/SATA Hard Drives for 2CPU		
	1 · · · · · · · · · · · · · · · · · · ·		
	Configuration		
Bezel	Standard bezel		
Rail Kit	OEM Sliding Rails with Cable		
	Management Arm by Server		
	manufacturer		
Operating System	Should support common server grade		
support	operating systems and all related		
	drivers should be available. A complete		
	operating system supportability matrix		
	should be provided with the bid		
	submission		
Virtualization Support	Should be compatible with all major		
	commercial grade virtualization		
	platforms. A complete virtualization		
	system compatibility matrix should be		
	provided with the bid submission		
Bill of Material	Complete bill of materiel with all		
	relevant part numbers should be		
	provided together with the bid		
	submission		
Other	Remote management System with		
	connectivity		
Warranty and After	5 years comprehensive.		
Sales Service	Bidder shall provide a replacement		
	unite if the unite is taken out of the		
	university for repair		
	Transportation to and from the		
	university in the case of a repair during		
	the warranty period shall be free of		
	charge		
	4-hour Response and Onsite Service for		
	all components of the system		
	All defective parts should be replaced		
	free of charge with the brand-new		
	parts during the warranty period from		
	manufacturer's authorized Technical		
	Team.		
	Original Equipment Manufacturer		
	should maintain all required spare		
	parts in an Independent Part Depot		
	(Proof Documents should be attached		
	along with the bid)		
Authentication	Bidder shall submit a certificate from		
	the manufacturer (Via Authorized		
	Distributor Acceptable) to demonstrate		
	that it has been duly authorized by the		
	manufacturer of the goods to supply		
	goods in Sri Lanka		
Manuals	Bidder should include necessary		
	manuals and documentations related		
	to the product		

Compliance	e with All hardware should comply with	
Standards	current safety standards for	
	Radiation, electrical safety and RFI.	
	Vendor should indicate relevant	
	standards to which, their equipment	
	are conforming. Vendor should provide	
	ISO 9000 certification (specially,	
	ISO9001, ISO9002 & ISO 9003d) for all	
	hardware. Vendor should (i) the date of	
	expiry of ISO 9000 certificate (ii)state	
	scope of certification and (iii) the name	
	,mailing address, FAX number and the	
	E-mail address of the accreditation	
	agency.(Note your ISO 9000 certificate	
	must be valid at least for 120 days after	
	closing date of tender.)	

Technical Specification for High-End Laptop Computers

Number of Unites: -- 43 Nos

Item No. D	escription of G	oods or Related Services					
05 H	igh-End Lapto	p Computers					
		Technical Specification and Standards					
Features		OUSL minimum requirements	Bidde	er's Compliance			
		(If the supplier/vendor offers the OUSL minimum req. or higher)	Yes/No	If "No", Bidder's Response			
Brand		Should be indicated by the vendor (Branded)					
Model		Should be indicated by the vendor (Branded)					
Country of O	rigin & Country re/assembly	Should be indicated by the vendor (Branded)					
Processor	·	Intel® Core i7-10750H or 10710U or 1165G7 Processor or higher					
Turbo Frequer	ncy	4.7GHz or Higher					
Cache		Intel: 12MB or Higher					
Form Factor		Business/Graphics Laptop Computer (Manufacture Confirmation must be attached)					
Chipset		Please Specify					
Memory		16 GB of DDR4 System Memory					
Maximum me	mory	Upgradeable to Maximum of 32GB RAM					
Hard disk		256GB SSD and 1TB SATA HDD OR 1TB SSD Only					
Display Type		15.6 Inch TFT LCD HD Resolution					
Mouse		Two buttons with scroll wheel optical Mouse with Mouse Pad					
Keyboard (spil	ll resistant)	US full size Keyboard layout. Spill resistant certification should be attached.					
Touch Pad		Multi-Gesture Touchpad, Supporting Two- Finger Scroll					
Communication Ethernet, Wire	•	WLAN: 802.11ac, WPAN: Bluetooth 4.0					
Inbuilt Camera	а	720p HD Camera					
Expansion Opt I/O Ports	tions, PC Card	SDTM Card reader, Microphone / Earphone - In jack, 3x USB Ports including 1 x USB 3.0 Port, Type A					
		1 x USB 3.0 Port, Type C HDMI Port, DC-In Jack for AC adapter,					

Power	Input 100 – 240V AC, 50-60Hz DC Vendor should supply all cables necessary with appropriate. Connectors and power cords with BS1363 Plugs. (Specify)	
Battery	Minimum 8 Hours Battery Life (Specify Type / mAh / Hours)	
Operating system	Windows 10 pro Professional 64bit OEM license.	
Security	Kensington Lock Slot	
Manufacturer Experience	Manufacturer should have a minimum of 03 years' experience in manufacturing of the same brand. (Proof document should be attached	
Manufacturer Authorization Certificate	Manufacturer Authorization Certificate should be provided. (Originals should be provided on request)	
Warranty	Comprehensive on-site manufacturer authorized warranty for 36 months (Labor & Parts) Excluding Consumes. (Proof Documents Should be attached)	
	Bidder or its parent company or its subsidiary should have Island-Wide owned branch network. Documentary evidence to be provided of the following under bidders' name. (a) Address, Contact Details & Date of Commencement of each branch/regional office (Should have completed minimum of 5 years from the Date of Commencement of each branch/regional office) (Proof Documents Should be attached)	
Standards & certifications for manufacture of the quoted brand	Energy Star or any other equal certificate to Energy Star, issued by authorized body who has the authority to do so, Documentary evidence must be provided Valid ISO 9001: 2015, and ISO 14001:2015	
Warranty Information	Should be fix a sticker with -Supplier name -Contact Numbers -Date of Commissioning of Hardware -Warranty period On all computers	
Brochure	Supplier should provide brochure of make/model quoted as per above specification.	

Technical Specification for High-End Laptop Computers with a dedicated graphic card

Number of Unites: -- 07 Nos

Item No.	Description of Goods or Related Service	es		
06	High-End Laptop Computers Technical Specification and Standards			
Features	OUSL minimum requirements		idder's Compliance	
	(If the supplier/vendor offers the OUSL minimum req. or higher)	Yes/No	If "No", Bidder's Response	
Brand	Should be indicated by the vendor (Branded)			
Model	Should be indicated by the vendor (Branded)			
Country of Origin & Country of Manufacture/assembly	Should be indicated by the vendor (Branded)			
Processor	Intel® Core i7-10750H or 10710U or 1165G7 Processor or higher			
Turbo Frequency	Intel: 4.7GHz or Higher			
Cache	Intel: 12MB or Higher			
Form Factor	Business/Graphics Laptop Computer (Manufacture Confirmation must be attached)			
Chipset	Please Specify			
Memory	16 GB of DDR4 System Memory			
Maximum memory	Upgradeable to Maximum of 32GB RAM			
Hard disk	256GB SSD and 1TB SATA HDD OR 1TB SSD Only			
Dedicated Graphics	NVIDIA 2GB GDDR5 or Higher			
Display Type	15.6 Inch TFT LCD HD Resolution			
Keyboard (spill resistant)	US full size Keyboard layout. Spill resistant certification should be attached.			
Touch Pad	Multi-Gesture Touchpad, Supporting Two-Finger Scroll			
Mouse	Two buttons with scroll wheel optical Mouse with Mouse Pad			
Communications, Modern Ethernet, Wireless Bluetooth	WLAN: 802.11ac, WPAN: Bluetooth 4.0			
Inbuilt Camera	720p HD Camera			
Expansion Options, PC Card I/O Ports	SDTM Card reader, Microphone / Earphone - In jack, 3x USB Ports including 1 x USB 3.0 Port, Type A 1 x USB 3.0 Port, Type C HDMI Port,			

	DC-In Jack for AC adapter,	
D	Terrort 100 240V AC 50 60U- DC	
Power	Input 100 – 240V AC, 50-60Hz DC Vendor should supply all cables	
	necessary with appropriate.	
	Connectors and power cords with	
	BS1363 Plugs. (Specify)	
Battery	Minimum 8 Hours Battery Life	
Operating system	(Specify Type / mAh / Hours) Windows 10 pro	
Operating system	Professional 64bit OEM license.	
	1 Totessional 640ft GEW ficense.	
Security	Kensington Lock Slot	
Manufacturer Experience	Manufacturer should have a minimum	
•	of 03 years' experience in	
	manufacturing of the same brand.	
N. C	(Proof document should be attached	
Manufacturer Authorization Certificate	Manufacturer Authorization Certificate should be provided.	
Authorization Certificate	(Originals should be provided on	
	request)	
Warranty	Comprehensive on-site manufacturer	
	authorized warranty for 36 months	
	(Labor & Parts) Excluding Consumes. (Proof Documents Should be attached)	
	Bidder or its parent company or its	
	subsidiary should have Island-Wide owned branch network.	
	Documentary evidence to be provided	
	of the following under bidders' name.	
	(a) Address, Contact Details & Date of Commencement of each	
	branch/regional office (Should have	
	completed minimum of 5 years from	
	the Date of Commencement of each	
	branch/regional office)	
Condend of	(Proof Documents Should be attached) Energy Star or any other equal	
Standards & certifications for manufacture of the quoted brand	certificate to Energy Star, issued by	
manufacture of the quoted brand	authorized body who has the authority	
	to do so, Documentary evidence must	
	be provided Valid ISO 9001: 2015, and ISO 14001:2015	
Warranty Information	Should be fix a sticker with	
_	-Supplier name	
	-Contact Numbers	
	-Date of Commissioning of Hardware	
	-Warranty period On all computers	
	On an computers	<u>l</u>

Brochure	Supplier should provide brochure of	
	make/model quoted as per above	
	specification.	

Annexure 7 Technical Specifications of Headset for Computers

No. of Units: 385

Item	Technical Specification and Standards						
No	P	urchaser's requirements		Bidder's offer			
07	Features	OUSL Minimum Requirements.	Yes/No	Page Number (Please indicate the	Remarks		
		If the supplier/vendor offers the exact minimum requirement, can say complied/yes. If not, must give the full details. Any ambiguity		page number of the bid document wherever necessary)			
		may lead to consider not complied.					
	Make	Should be indicated by the vender					
	Model	Should be indicated by the vender					
	Country of Origin	Should be indicated by the vender					
	Year of Manufacturer	Should be indicated by the vender					
	Instruction Manual	One set of Operation Manual in English Language is required					
	Features	High quality, durable rugged design for heavy use by multiple uses. It must be compatible with both Windows and MAC OS.					
	Head Phone	Should be double-ear standard headset					

45 Hz – 17 KHz or better	İ		
122 dB SPL + 3dB or			
	İ		
	<u> </u>		
Specify the cushioning	İ		
materials and padding.	İ		
	<u></u>		
	<u> </u>		
Bi-directional	İ		
100 Hz - 6 5 KHz or hetter			
100 112 0.5 1(112 01 50000)	İ		
-44 dBV/Pa ± 2.5 dB or			
better	İ		
Specify			
эрсспу	İ		
	İ		
20Ω-25Ω	İ		
	1		
Min 1.2m	<u>. </u>		
NA at the articles and are			
	İ		
	İ		
SWITCH	İ		
Adjustable microphone	1		
boom	1		
Stainless-steel adjustable			
-	İ		
Else, specify: If it's	İ		
padded headband,	İ		
specify the material.	İ		
Black or dark colour.	<u> </u>		
Must have "3.5 Audio			
Jack (4 pole) with Audio	İ		
& mic splitter"	İ		
	İ		
OI USD 2.U OF HIGHER	İ		
1 year or more			
	122 dB SPL ± 3dB or better Specify the cushioning materials and padding. Bi-directional 100 Hz - 6.5 KHz or better -44 dBV/Pa ± 2.5 dB or better Specify 20Ω-25Ω Min 1.2m Must have in-line volume controls and on/off switch Adjustable microphone boom Stainless-steel adjustable headband preferred. Else, specify: If it's padded headband, specify the material. Black or dark colour. Must have "3.5 Audio Jack (4 pole) with Audio	122 dB SPL ± 3dB or better Specify the cushioning materials and padding. Bi-directional 100 Hz - 6.5 KHz or better -44 dBV/Pa ± 2.5 dB or better Specify 20Ω-25Ω Min 1.2m Must have in-line volume controls and on/off switch Adjustable microphone boom Stainless-steel adjustable headband preferred. Else, specify: If it's padded headband, specify the material. Black or dark colour. Must have "3.5 Audio Jack (4 pole) with Audio & mic splitter"	122 dB SPL ± 3dB or better Specify the cushioning materials and padding. Bi-directional 100 Hz - 6.5 KHz or better -44 dBV/Pa ± 2.5 dB or better Specify 20Ω-25Ω Min 1.2m Must have in-line volume controls and on/off switch Adjustable microphone boom Stainless-steel adjustable headband preferred. Else, specify: If it's padded headband, specify the material. Black or dark colour. Must have "3.5 Audio Jack (4 pole) with Audio & mic splitter"

Authentication	Bidder shall submit a		
	certificate from the		
	manufacturer or		
	agent/distributor to		
	demonstrate that it has		
	been duly authorized by		
	the manufacturer or		
	distributor if the goods		
	to supply goods in Sri		
	Lanka (if not provide		
	bidder will be		
	disqualified)		

Technical Specifications of Headset for ComputersNo. of Units: 25

Item	Technical Specification and Standards								
No	P	urchaser's requirements	Bidder's offer						
08	Features	OUSL Minimum Requirements. If the supplier/vendor offers the exact minimum requirement, can say complied/yes. If not, must give the full details. Any ambiguity may lead to consider not complied.	Yes/No	Page Number (Please indicate the page number of the bid document wherever necessary)	Remarks				
	Make	Should be indicated by the vender							
	Model	Should be indicated by the vender							
	Country of Origin	Should be indicated by the vender							
	Year of Manufacturer	Should be indicated by the vender							
	Instruction Manual	One set of Operation Manual in English Language is required							
	Features	High quality, durable rugged design for heavy use by multiple uses. It must be compatible with both Windows and MAC OS.							
	Head Phone	Should be double-ear standard headset							

Frequency	45 Hz – 17 KHz or better		
Response	95 dB SPL ± 3dB or better		
Sensitivity			
For supe	Specify the cushioning		
Ear cups	materials and padding.		
Microphone			
Туре	Bi-directional		
Frequency	90 Hz - 14.5 KHz or better		
Response	40 10/10 + 2 10		
Sensitivity	-40 dBV/Pa ± 3 dB or better		
Sensitivity	better		
Noise	Specify		
cancellation			
feature			
Input	30Ω-35Ω		
Impedance			
Cable Length	Min 1.2m		
Inline controls	Must have in-line volume		
	controls and on/off		
	switch		
Microphone	Adjustable microphone		
positioning	boom		
Headband	Stainless-steel adjustable		
	headband preferred.		
	Else, specify: If it's		
	padded headband,		
	specify the material.		
Colour	Black or dark colour.		
Connections	Must have "3.5 Audio		
	Jack (4 pole) with Audio		
	& mic splitter"		
	or "USB 2.0 or higher"		
Warranty	1 year or more		

Authentication	Bidder shall submit a		
	certificate from the		
	manufacturer or		
	agent/distributor to		
	demonstrate that it has		
	been duly authorized by		
	the manufacturer or		
	distributor if the goods		
	to supply goods in Sri		
	Lanka (if not provide		
	bidder will be		
	disqualified)		

Technical Specification for Smart Digital Panel – General

Number of Units: -- 12 Nos.

		Technical Specifications an	d Standar	ds	
		Purchaser's Requirements		Bidde	r' Offer
Item Fe	eatures	OUSL Minimum Requirements	Yes/No	Page	Remark
No 09		(If the supplier/ vendor offers		number	
		the OUSL minimum req. or		(Please	
		higher)		indicate the	
				page	
				number of	
				the bid	
				document ,	
				wherever	
				necessary	
01 Bi	rand	Please specify			
02 M	1odel	Please specify			
03 Co	ountry of	Please specify			
0	rigin				
04 Co	ountry of	Please specify			
	lanufacture/				
	ssembly				
	ear of Ianufacture	Please specify			
06 D	isplay specificati	on			
6.1 D	isplay Panel	a-Si TFT-LCD/ IPS			
	ype/ Technology	3.31.11.232, 1.2			
6.2 D	iagonal display	75" or higher			
si	ze				
6.3 A	ctive area (mm)	Please specify			
6.4 Re	esolution	4K - 3840*2160			
6.5 Ba	ack Light	Direct type LED			
6.6 As	spect Ratio	16:9			
6.7 Co	ontrast Ratio	4000:1			
6.8 Co	olors	1.07 billion colors			
6.9 Bi	rightness	≥350 cd/m2			
6.A D	isplay Response	≤8ms			
	ime				
	iewing angle	178°(H), 178°(V)			
6.C So	creen surface	4mm Toughened Glass, 7Mohs			
		Hardness with Anti-Glare			

07	Touch system				
7.1	Technology	IR			
7.2	HID support	Yes			
7.3	Touch supported	Minimum 20 points touch			
7.4	Writing tools	Pen and finger			
7.5	Response Time	≤8ms			
7.6	Precision	2 mm or better			
08	Connectivity				
8.1	Front Side	HDMI 2.0 in x 1 / Public USB 3.0 x 4 (Type A x 3, Type C x 1) / Touch USB 2.0 x 1(Type A)			
8.2	Rear Side	DP 1.2 in x 1 / HDMI 2.0 in x 1 / VGA in x 1 / VGA Audio in x 1(3.5mm) / AV in x 1 / RJ45 in x 1/ Type-C x 1 / Touch USB 2.0 x 1(Type A) / USB 3.0 x 2(Type A) / USB 2.0 (Android Side) x 1(Type A)/ HDMI 2.0 out x 1 / RJ45 out x 1 / SPDIF out x 1 / Headphone out			
8.3	Output Audio (Speakers)	x 1/ RS232 x 1 / WIFI antenna x1 15W x 2(Should be facing front)			
09	System Configura	tion			
9.1	Operating System	Android 8.0 or latest			
9.2	CPU	Quad Core 1.5GHz or better			
9.3	GPU	Please specify			
9.4	RAM	4GB DDR4			
9.5	ROM (Storage)	32GB or better			
9.6	Applications	Google Play support			
10	Integrated Windo	ws Standard Open Pluggable Specifi	cation P	C	
10.1	Windows OPS PC Slot	Yes			
10.2	CPU	i5 Processor with Processor speed with 3.0Ghz Base Frequency			
10.3	Chipset	Intel			
10.4	Memory capacity	8GB			
10.5	Storage capacity	256GB SSD + 1TB SATA			
10.6	OPS Operating	64-bit Windows 10 Pro OEM			
	System	Pre- loaded license. All latest			
		patches must be applied			
11	Physical specificat	tions			
	Pilysical specifical				
11.1					
	Net Weight (kg) Gross Weight (kg)	Please specify			

11.3	Dimension(W*D	Please specify		
	*H) mm			
11.4	VESA (mm)	600*400		
12	Electrical			
12.1	Input Voltage	AC 100-240 V, 50/60 Hz		
12.2	Active Power	≤330W		
	Consumption			

12.3	Power Consumption (Standby)	≤0.5W			
12.4	Quality Certification	FCC, CE			
13		lications (whiteboard and manage	ment soft	ware)	
13.1	Brand/ Developer	Should be indicated by the vendor			
	Model/Versi on	Should be indicated by the vendor			
	digital canvas sho	and draw on whiteboard and uld be continuously spanning to ertically and horizontally.			
	Predefined templa diagrams, flowcha	ates are available to create arts, etc.			
		nd drop videos and images onto uring presentations			
	Whiteboards can formats (PDF, SVG	be exported into different file i, JPEG, PNG etc.)			
	messaging tools for	nd video conferencing, and instant or remote teams communicate in nultaneously using the whiteboard.			
	Broadcast teacher	's screen to part or all of students			
		ents can share their screens usly annotating on whiteboard			
	Teacher can watch	n one or some students' screen			
	Teacher can select keyboard and mo	t and operate students' use.			
		e students into groups. Students n chat freely. Teacher can join in			
	Teacher can selec directory in stude	t file or folder transmit specific nts' side.			

	Teacher can creat	e a quiz/survey and analysis.
	Teacher can recor	d and save whiteboard sessions ners.
	Software should s	upport LAN and Wi-Fi
		(Teaching tool) should have Price should be quoted for 250 nts separately)
13.2	Accessory	Capacitive styles Pen - 2pcs USB (touch cable) 3m - 1pcs HDMI cable 3m - 1pcs Remote Control- 1pcs Power Cable 3m- 1pcs Wall mounting Bracket- 1pcs
13.3	Installation	Installation in the designated classrooms should be done without any additional cost with wall mounting
13.4	Training	Training will need to be provided for minimum of 30 staff members. The venue will be provided by the OUSL. Details of the training are listed below. Minimum training time for each training session needs to be 2 hours in duration.
		Phase 01 – Basic Operational Training
		Phase 02 – Detail training on whiteboard Software and related software
		Phase 03 –Training on how to develop presentation content & lessons development for interactive learning.

13.5	Warranty	A detailed Training Plan should be submitted with the tender for evaluation O3 Years comprehensive onsite		
		manufacture authorized warranty (Attach the proof documents)		
13.6	Manufacture undertaking letter	Manufacture letter of guarantee to provide the technology support, maintenance support and spares support for hardware and software, and support for repair/ replacement of faulty equipment during the period of 03 years and a guarantee to provide obsolescence management plan for spares at the beginning of 3 rd year for support up to 02 years. (Attach the proof documents)		
13.7	Support	Bidder should have island wide regional service centers around Sri Lanka. Provide details of regional service centers should be provided including the CVs of the technicians attached to the service Center Minimum Response time 2 hours Minimum Resolution time 2 days		
13.8	UPS (Price should be included in the unit price)	1.2 KVA Line interactive UPS with 03 years warranty		

13.9	Industry experience	Bidder's representing brandshould have at least five (05) years' experiences in Sri Lanka. A list of schools, Universities and Educational Institutes with contact details where the Smart Interactive Displays (Smart Interactive Display References Only) have been deployed in the last 03 years		
14	Additional Equip	ment		
14.1	Movable Stand (Price should be quoted optionally)	High quality Movable Stand with Caster Wheels that can hold the weight of the provided Smart Interactive Display		

Annexure 10 Technical Specification for Video Conferencing Systems (Camera, Mic, Speakers etc.)

Number of Units: -- 09 Nos.

		Technical Specifications and	d Standa	ırds	
		Purchaser's Requirements			r' Offer
	Features	OUSL Minimum Requirements	Yes/	Page number	Remarks
		(If the supplier/ vendor offers the	No	(Please	
Item		OUSL minimum req. or higher)		indicate the	
No 10				page number	
10				of the bid	
				document	
				wherever	
				necessary	
1	Туре	Video conferencing System with			
		Expansion Mics - Specify			
2	Make	Should be indicated by the vendor			
3	Model	Should be indicated by the vendor			
4	Country of Origin	Should be indicated by the vendor			
5	Country of	Should be indicated by the vendor			
	Manufacturing				
6	Connection	USB interface			
	/Interface				
7	Video Resolution	1920 x 1080 pixels (1080p @ 30fps)			
		should support on Board H.264 or			
		better on board Encoding to save			
		PC processing power and should			
8	Field of View	support USB 2.0 Plug and play.			
0	rieid of view	Minimum of 58.5 degree or above field of view			
9	Color	It should support 24-bit color or			
,	Color	better			
10	Length of cable	3 meter or above			
11	Aspect Ratio	The system should support 16:9 or			
	7.Specer Ratio	higher			
12	Lens	f4.7mm ~ 46.3mm, F1.8 ~ F2.8			
13	Minimal	0.5 Lux @ (F1.8, AGC ON)			
	Illumination				
14	White Balance	Auto, 3000K/Indoor, 4000K,			
		5000K/Outdoor, 6500K_1,			
		6500K_2, 6500K_3, One Push			
15	Backlight	Should be supported			
	Compensation				
16	Digital Noise	2D&3D Digital Noise Reduction			
	Reduction				
17	Anti-flicker	Should be available			
	compensation				
18	S/N Ratio	> 55dB			

19	Pan range	The camera should have a PAN		
		rotation angle of -170 degree to		
		+170 degree or better		
20	Tilt range	The camera should have a Tilt		
		rotation angle of -30 degrees to +90		
		degrees or better		
21	Number of Preset	50 or more		
22	Preset Accuracy	0.1° or higher		
23	Color System	YUV 4:2:2 / H.264 / MJPEG		
24	Video Format	i) H.264 AVC: max to 1080P@30fps,		
		ii) H.264 SVC: max to 1080P@30fps,		
25	LICD I	iii) MJPEG: max to 1080P@30fps		
25	USB Interface	1xUSB2.0: Type B female jack		
26	Communication	1xRS232 In: 8pin Min DIN, Max		
	Interface	Distance: 30m, Protocol:		
27	Accessory	VISCA/Pelco-D /Pelco-P The camera should be supplied with		
21	Accessory	IR remote control as an included		
		accessory		
28	Auto Focus	Should be supported		
29	Optical Zoom	The camera must support at least		
23	Optical Zoom	10x optical zoom		
30	Digital Zoom	The camera must support at least		
30	51gittai 200iii	16x digital zoom		
31	Audio Technology	The system should have a DSP		
		based Echo Cancellation>-65dB		
		with echo tail of 500ms or better		
		and bidirectional noise suppression		
		of >-18dB or better		
32	Audio	It should have a frequency		
		response of 20Hz-16KHz or better		
		with Microphone coverage of at		
		least 3m, 360 degrees or better		
		with 4 Integrated microphones. It		
		should cover up to 5m or more with		
		the help of 2 external microphones		
		which can be extended with cables		
33	Audio Output	for larger room coverage. The Speaker volume should be		
33	Audio Output	92dB or better.		
34	Built-in	Minimum 4 or more		
	Microphones			
35	Audio for USB	It should have a Microphone and		
	VoIP Network	Speaker frequency band of 100Hz		
		to 16KHz or better		
36	Ports	It should have USB port for Skype		
		calling.		
37	Interface	USB, Ext1, Ext 2, Power Jack.		
38	Buttons	It should have Mute Indicator and		
		Numbers, Mute Mic, Mute Speaker,		
		Vol Up/Down or more.		
39	Features	It should support AEC, AGC, NLP,		
40	Ctifi	Noise reduction or better.	1	
40	Certifications	It should have CE & LATEST CB		
		Certification and CB Test Reports to		
		be submitted.	<u> </u>	

41	Warranty	2 years comprehensive or more		
42	Authentication	Bidder (Direct Partner) shall submit		
		a certificate only from the		
		manufacturer to demonstrate that		
		it has been duly authorized by the		
		manufacturer of the goods to		
		supply goods in Sri Lanka		
43	Manuals	Bidder should include necessary		
1		manuals and documentations		
		related to the product.		
44	After Sales	The bidder shall demonstrate their		
	Service	ability to provide the necessary		
		after sales services, within the		
		warranty period. This shall be by		
		the way of including description of		
		the organization of the service		
		function. Testimonies from the		
		current users of similar system in		
		Sri Lanka and any other relevant		
		documentary proofs		
45	Compatibility	It should support the Smart Board		
		according to the spec given in		
		annexure 3.		
46	Brochure	Supplier should provide brochure of		
		make/model quoted as per above		
		specification.		
		•	1	

Section VII. Contract Data

The following Contract Data shall supplement and / or amend the Conditions of Contract (CC). Whenever there is a conflict, the provisions herein shall prevail over those in the CC.

[The Purchaser shall select insert the appropriate wording using the samples below or other acceptable wording, and delete the text in italics]

CC 1.1(i)	The Purchaser is: The Vice Chancellor, AHEAD Operation, Supplies Division, The Open University of Sri Lanka				
CC 1.1	The Project Site(s)/Final Destination(s) is/are AHEAD Operation, Supplies Division,				
	The Open University of Sri Lanka, Nawala, Nugegoda.				
CC 8.1	For <u>notices</u> , the Purchaser's address shall be: Attention: Deputy Director Procurement /AHEAD Operation Address: Supplies Division , The Open University of Sri Lanka , Nawala , Nugegoda . Telephone: 0112-881212 / 0112-881127 Facsimile number: 011 - 2881208 Electronic mail address: <u>ots-ahead@ou.ac.lk</u>				
CC 12.1	Details of Shipping and other Documents to be furnished by the Supplier are :				
CC 15.1	Details of Shipping and other Documents to be furnished by the Supplier are: Sample provision[Select appropriately] CC 15.1— The method and conditions of payment to be made to the Supplier under this Contract shall be as follows: A: For Goods offered within Sri Lanka Payment shall be made in Sri Lanka Rupees within thirty (30) days of presentation of claim supported by a certificate from the Purchaser declaring that the Goods have been delivered and that all other contracted Services have been performed. (i) On Delivery: Up to a maximum of Eighty (80) percent of the Contract Price, shall be paid on receipt of the Goods and upon submission of the documents specified in CC Clause 12. (ii) On Acceptance: The remaining twenty (20) percent of the Contract Price shall be paid to the Supplier within thirty (30) days after the date of the acceptance certificate for the respective delivery issued by the Purchaser.				

CC 17.1	A Performance Security: Required
CC 25.1	The inspections and tests shall be: Required where it necessary
CC 25.2	The Inspections and tests shall be conducted at: The Open University of Sri Lanka, Nawala, Nugegoda
CC 26.1	The liquidated damage shall be: 0.5 % per week
CC 26.1	The maximum amount of liquidated damages shall be: 10 % of the contract value
CC27.1	The retention shall be 10% of the contract value and shall be paid after six (06) months after the delivery.

Section IX: Invitation for Bid



Invitation for Bids

THE OPEN UNIVERSITY OF SRI LANKA

Procurement of Teaching & Office Equipment

IFB NO: AHEAD/CITES/OUSL/NCB/GOODs/2022/02

1. The Chairman, Project Procurement Committee (University) on behalf of the Open University of Sri Lanka invites sealed bids from eligible and qualified bidders for the Supplying, Delivering, Installation and Commissioning of Teaching & Office Equipment as per the details given below.

Item	Name of the Items	No of	Bid Security (SLRS)
No		Units	
1	High End Core i5 AIO Desktop-Special Lab Use	256	1,152,000.00
2	Tablet PC	40	120,000.00
3	3KVA UPS	13	50,500.00
4	Hi End Rack Server	01	80,000.00
5	High-End Laptop Computers	43	325,080.00
6	High -End Laptop Computers with a dedicated graphic card	07	56,700.00
7	Headset for Computers	385	46,440.00
8	Headset for computers for video recording of lecturers	25	8,100.00
9	Smart Digital Panel	12	144,000.00
10	Video Conferencing Systems (Camera, Mic, Speakers etc.)-	09	90,000.00

- 2. All bids must be accompanied by a bid security in the form of a bank guarantee in the format given with the bidding document for the amount given in the above table. Bank Guarantee is confirmed by a bank operating in Sri Lanka approved by Central Bank of Sri Lanka. The bid security shall be in the form of an unconditional on demand and shall be valid up to 12/10/2022.
- 3. Bidding will be conducted through National Competitive Bidding (NCB).

- 4. Bidders who have at least 03 years' experience in Supplying, Delivering, Installation and Commissioning of above equipment, in similar quantities to State or Private Organization may submit the bids.
- 5. Interested eligible bidder may obtain further information from. Deputy Director Procurement, AHEAD Operation, The Open University of Sri Lanka (Tel: 011-2881212/011-2881127) and also the bidding documents can be inspected free of charge at the same address during the office hours.
- 6. A complete set of bidding documents in English language may be purchased by interested bidders on the submission of a written application to the Deputy Director Procurement, AHEAD Operation, The Open University of Sri Lanka and upon a payment of a non-refundable fee of Rs 5,000.00 to the Shroff of the University on working days from 27/05/2022 to 20/06/2022 from 9.00 am to 3.00 pm. The bidding documents can be viewed from the University website i.e.: www.ou.ac.lk.
- 7. The bidding documents for above tender can also be downloaded from university website i.e.: www.ou.ac.lk. Those who are obtaining bidding document from university website should submit the tender along with a bank draft drawn in favor of the "Bursar, The Open University of Sri Lanka" for Rs. 5,000.00 as the non-refundable fee.
- 8. Duly perfected bids in duplicate in separate envelops marked as "Original" and "Duplicate" and re- inserted in a single envelop mentioning the name of the bid and IFB No. on the top left hand corner of all three envelops, sealed and may either be sent by registered post addressed to "Chairman, Project Procurement Committee, Supplies Division, The Open University of Sri Lanka, Nawala, Nugegoda" or deposited in the Tender Box kept at the Supplies Division of the Open University of Sri Lanka. Duplicate should be a certified photocopy of the original.
- 9. The bid should be delivered on or before 2.00 pm on 21/06/2022 to the address given above. Late bids will be rejected. Bids will be opened soon after the closing time and bidder or their authorized representative is permitted to be present at the time of opening of bids.
- 10. A pre-bid meeting will be held on 08/06/2022 at 2.00 pm at the Board Room of the Registrar's Office of the Open University of Sri Lanka.
- 11. The Procurement Committee reserves the right to accept or reject bids.

The Chairman
Project Procurement Committee
AHEAD Operation
The Open University of Sri Lanka
Nawala, Nugegoda.