



# **Uva Wellassa University of Sri Lanka Badulla**

## **BIDDING DOCUMENT FOR**

### **DESIGN AND BUILD OF SMART CLASS ROOM IN BLOCK D OF UVA WELLASSA UNIVERSITY**

**CONTRACT NO :  
UWU/AHEAD/ELTAELSE/FAS/NCB/WORKS/09**

**EMPLOYER:**

Vice-Chancellor,  
Uva Wellassa University of Sri Lanka,  
Badulla

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# **VOLUME 1A**

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## Section – I INSTRUCTIONS TO BIDDERS

### **Refer the CIDA/SBD 04**

*Notes:*

*Instructions to Bidders shall be read in conjunction with Bidding Data. Matters relating to the performance of the Contractor, payments under the Contract, or matters affecting the risks, rights, and obligations of the parties under the Contract are not included in this Section, but are given in Section III – Conditions of Contract, Volume 1 and the Contract Data under Section IV, Volume 2*

*Instructions to Bidders will not be a part of the Contract and will cease to have effect once the Contract is signed.*

## Section – III CONDITIONS OF CONTRACT

### **Refer the CIDA/SBD 04**

*Conditions of Contract shall be read in conjunction with Contract Data*

## Section – V STANDARD FORMS

*Form of Bid Security, Letter of Acceptance, Form of Agreement, Form of Performance Guarantee, Form of Mobilization Advance Guarantee, Form of Retention Money Guarantee*

### **Refer the CIDA/SBD 04**

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# **VOLUME 1B**

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# INVITATION FOR BIDS (IFB)



## Design and Build of Smart Classroom in Block D of Uva Wellassa University

### Contract No: UWU/AHEAD/ELTAELSE/FAS/NCB/WORKS/09

1. The Chairman, Procurement Committee on behalf of the Vice-Chancellor, Uva Wellassa University of Sri Lanka invites sealed bids from eligible and qualified bidders for the Design, Build and Completion of **Smart Classroom in Block D** of Uva Wellassa University. (Design and Build contract). The contract period is **180 days**. (The all-inclusive budget allocation is Rs 23.0Mn)
2. Bids should be submitted on the forms which could be purchased from **Deputy Director Procurement (AHEAD/OTS), Uva Wellassa University**, Passara Road, Badulla and upon payment of a non-refundable fee of Rupees **3,500/=** in cash paid at the Shroff Counter of the University. The bidder can also download the bidding documents from the University website **www.uwu.ac.lk/procurement**. Those who are obtaining bidding documents from the University website should submit the complete documents along with a Bank Draft drawn in favor of the “Vice Chancellor, Uva Wellassa University” for **Rs. 3,500/=** as non-refundable fee or the payments could be made to any branch of Bank of Ceylon, to the Uva Wellassa University, **Account No: 82592579**, and the cash receipt/deposit slip to be attached with the bidding documents. The documents may be purchased **until 3.30 PM 3/3/2020**. The eligible bidders shall comply with the following qualification criteria. CIDA registration in SP2 category or above or Business Registration in Building Design/Construction.
3. You may obtain further information from, **Deputy Director Procurement (AHEAD/OTS)** (Telephone – 055 3127378) **and from Deputy Director- Engineering** (Telephone – 055 2226581), Uva Wellassa University, Passara Road, Badulla
4. Bidding documents may be inspected free of charge at the Office of the **Deputy Director Procurement (AHEAD/OTS)** at Uva Wellassa University of Sri Lanka during any working days before 09.00 am to 03.00 pm up to 3/3/2020.
5. Bids must be delivered to addressing, Chairman, Department Procurement Committee, Uva Wellassa University, Passara Road, Badulla, on or **before 3.30 p.m. on 3/3/2020**. please indicate **“Design and Build of Smart Classroom in block D – UWU/AHEAD/ELTAELSE/FAS/NCB/WORKS/09** on the top left hand corner of the envelope.
6. The bid shall be validity until: **91 days from 3/3/2020**

7. All bids must be accompanied by a Bid Security of **Rs. 223,000/=** which should be in favor of Vice Chancellor – Uva Wellassa University, obtained from a Bank approved by the Central Bank of Sri Lanka.
8. Pre Bid meeting will be held on **18/2/2020**, at **1.00 PM** in the Board Room of Uva Wellassa University.
9. The bids shall be deposited in the ‘Tender Box’ available in the Registrar’s Office of the University, or sent under Registered Cover to be received before the deadline to the address given in Clause No.5.
10. Late bids will be rejected. Bids will be opened immediately after the closing of bids, in the presence of the bidders or their authorized representatives who choose to attend the bid opening at the board room of the Uva Wellassa University.

Chairman,  
Department Procurement Committee,  
Uva Wellassa University,  
Passara Road,  
Badulla



## **Section - II**

# **BIDDING DATA**

*Note :*

*This section shall be read in conjunction with Section I –*

*Instruction to Bidders, and is intended to provide specific information in relation to corresponding Clauses in Section I. Whenever there is a ambiguity, the provisions in Section II- Bidding Data shall supersede these in the Section I- Instructions to Bidders.*

## Instructions to Bidders Sub Clause

Item	Sub Clause	Entry
Employer's name and address	1.1 & 9.1	<p>The Employer Name: Vice-Chancellor</p> <p>Address: Uva Wellassa University of Sri Lanka, Badulla</p>
Scope of Works	1.1	<p>The works consists of designing and building of existing lecture hall into a fully-fledged smart class room with necessary civil, MEP services conforming with safety standards.</p> <p>Bidders are instructed to visit the place before submitting the proposal.</p> <p>Allocation of funds including all taxes is Rs 23.0Mn. This includes construction cost, design &amp; supervision charges, charges for laboratory testing, if any and defect liability cost. Price Escalation is not applicable and it has to be included in the direct construction cost when quoting.</p> <p>Bidder shall submit proposed designs, drawings, bidder's specifications and details relevant to employer's requirement for the proposal as much as possible for technical evaluation purpose (<b>Envelop-2</b>) with the bid.</p> <p>This bidding document includes clients requirements and objectives of finished products which the bidder shall consider and oblige into the design and construction.</p> <p>Further, the bidders shall adhere to Health, Safety and Environmental guidelines of World Bank as specified in this document and cost shall be included accordingly.</p> <p>The bidder should submit necessary details in order to match for Technical Proposal evaluation criteria under <b>Envelop-2</b> to allocate points without any difficulties.</p> <p>Location of the proposed classroom is in the Uva Wellassa University premises in Badulla, Sri Lanka.</p>
Time of Completion	1.2	<p>The time for Completion for the whole of Works shall be <b>180 days</b>.</p>

<b>Delay damages for the Works</b>	<b>1.2</b>	<p>The delay damages for the whole of the Works shall be 0.05% of the initial Contract Price per day</p> <p>The maximum amount of delay damages for the whole of the Works shall be 5% percent of the Initial Contract Price.</p>
<b>Defects Notification Period</b>	<b>1.2</b>	<b>Defects Notification Period is 365 days</b> from Employer's taking over
<b>Source of funds</b>	<b>2.1</b>	The source of funds is the <b>WORLD BANK</b> .
<b>CIDA registration required</b>	<b>3.1</b>	If possess only CIDA registration, Grade C6 or above are eligible.
<b>Eligible bidders</b>	<b>3.4</b>	Foreign bidders are not allowed.
<b>Qualification Information</b>	<b>3.1, 3.2 4.1</b>	<ul style="list-style-type: none"> <li>• CIDA Registration (SP2 or above) or Valid Business Registration in the business.</li> </ul> <p style="margin-left: 40px;">Registration number</p> <p style="margin-left: 40px;">Grade</p> <p style="margin-left: 40px;">Specialty</p> <p style="margin-left: 40px;">Expiry Date</p> <ul style="list-style-type: none"> <li>• VAT Registration number if any</li> <li>• Attach Construction Programme</li> <li>• Attach Legal Status (Sole proprietor, Partnership, Company etc.)</li> <li>• Attach authentication for signatory</li> <li>• Total monetary value of construction work performed for each of the last three years;</li> <li>• Experience in 3 similar works and at least one work of similar nature and size of Rs. 23 million during the last three years.</li> <li>• Staffing</li> <li>• Attach Work Plan and methods statement</li> <li>• Preliminary drawings and elevations of the proposal.</li> <li>• Attach certified copies of financial statements of the organization such as Audited accounts to facilitate for evaluation of financial stability such as turnover. liquid assets, liabilities, working capital, credit facilities, etc.</li> </ul>
<b>Average annual volume of construction work performed in last</b>	<b>4.3(a)</b>	Average annual volume of work performed in last three years shall be at least Rupees 30 million. Supporting documents proving above shall be attached along with the bidding document

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<b>Liquid assets and/or credit facilities required</b>	<b>4.3 (g)</b>	The minimum amount of liquid assets and/or credit facilities net of other contractual commitments and exclusive of any advance payments which may be made under the contract shall be not less than Rupees 08 million.
<b>Bid Price</b>	<b>13.3</b>	VAT component shall not be included in the rates. The amount written in the Form of Bid shall be without VAT. However VAT component shall be shown separately at the end of the price schedule summary.
<b>Contract is subject to price adjustment for fluctuation of prices</b>	<b>13.6</b>	<p>The Bidder shall consider the intended cost variations during pricing the bid.</p> <p>The Contract is <b>not</b> subject to price adjustment in accordance with Clause 13.7 of the Conditions of Contract.</p>
<b>Currency of Bid</b>	<b>14.1</b>	The currency of the bid price shall be only in Sri Lankan Rupees.
<b>Bid validity period</b>	<b>15.1</b>	The bid shall be validity until: <b>91 days from 3/3/2020</b>
<b>Amount of Bid security</b>	<b>16.1</b>	The amount of Bid security shall be Sri Lankan Rupees <b>223,000 .00</b>
<b>Validity of Bid security</b>	<b>16.2</b>	The validity period of the bid security shall be <b>120 days</b> from the closing date of the Bid, Only Bank Bonds of Central bank approved Banks and Bonds issued by CGF are acceptable
<b>Pre-Bid meeting</b>	<b>17.1</b>	<p>Pre Bid meeting will be held on <b>18/2/2020</b> Venue : Board Room of Uva Wellassa University</p> <p>Time: <b>1.00 PM</b></p>
<b>Sealing and marking of Bids</b>	<b>19.2</b>	<p>The following information also shall be included in the inner covers of envelope marked as “<b>Envelope 1</b> – Preliminary Information”:</p> <ul style="list-style-type: none"><li>(i) Schedule,” Annual turn-over Information”,</li><li>(ii) Schedule, “ Adequacy of Working capital”,</li><li>(iii) Schedule, “ Consultant experience in last three Years”,</li><li>(iv) Schedule, “Construction experience in last three Years”,</li><li>(v) Schedule, “Minimum Major items of construction equipment proposed”,</li><li>(vi) Bank Bond for Bid Security</li><li>(vii) Company Profile indicating the past construction experiences</li></ul>

The following information also shall be included in the

inner covers of envelope marked as “**Envelope 2** – Design / Technical Proposal”:

- (i) Schedule, “Team composition and Task assignment”,
- (ii) Curriculum vitae of key staff;
- (iii) Schedule, “ Time schedule for key staff”,
- (iv) Work Program (Design related activities);
- (v) Work Program (Construction related activities);
- (vi) Specifications, Technical Data regard to intended goods to be used under this contract/ (such as Lights, Timber products, Carpets, Sound Systems etc.)

**19.4** The following information also shall be included in the inner covers of envelope marked as “**Envelope 3**-Financial Proposal”,

- (i) Day work rates schedule;
- (ii) Schedule, “Overhead and profit percentage for Provisional Sum activities”
- (iii) Schedule, “ Input percentage for price adjustments”

**19.5 (a)** The Employer’s address for the purpose of Bid submission: Vice Chancellor, Uva Wellassa University of Sri Lanka.

**19.5 (b)** Contract Name: Design and Build of Smart Classroom In Block D of Uva Wellassa University

**Deadline for submission of Bids**

**20.1** The deadline for submission of Bids shall be **3.30 PM on 3/3/2020**

Address for submission of Bids:

Vice Chancellor, Uva Wellassa University of Sri Lanka

**Evaluation and comparison of Bids**

**27.0** For evaluation and comparison of Bids **Option- B.**

Weight for Design/Technical Proposal Shall be:

$$DT = 25\% (0.25)$$

Weight for Financial (Price) Proposal Shall be:

$$P = 75\% (0.75)$$

The formula for determining the financial scores are the following:

$$S_f = 100 \times F^m / F$$

In which,

$S_f$  = the financial score

$F^m$  = the lowest price and

$F$  = the price of the proposal under consideration

<b>Criteria</b>	<b>Maximum Points</b>
(i) Specific experience of the bidder or the composition of the Design Team related to the design of proposed Works	10
(ii) Overall compliance with the requirements of the bidding documents	10
(iii) Experience of the key Member of the Design Team	30
(iv) Work plan and time Schedules	15
(v) Preliminary Design approach	25
(vi) Any other improvements to the Employer's Requirements, suggested by the Bidder	10
Total	100

The following Sub Criteria will be used in assigning points to (i), (ii), (iv) and (v) above

(a) Satisfactory - 50%

(b) Good - 75%

(c) Very Good - 100%

For allocating points for (iii) above, each key member of the Design Team will be assigned a weighting in accordance with their roles for the assignment. Subjected to the weightings assigned each key staff member will be evaluated using the following Sub Criteria.

- (a) General qualifications - 25%
- (b) Total experience - 25%
- Experience related to the task - 50%

**Correction of Errors**

- 28.** Replace ITB clause 28 with procurement Guideline ref 7.9.2. (b) Clause which is given below.

**Correction of arithmetical errors:**

Bids should be checked carefully for arithmetical errors in the bid to ensure the stated quantities and prices are consistent. The quantities should be same as that stated in the bidding documents. The total bid price should be the total of all line items. The line item total should be the product of quantity and unit rate quoted or, when a lump sum

is quoted the lump sum amount. If there is a discrepancy a correction has to be done and the corrected price as describe below is considered as the bid price. After the correction of arithmetical errors the PE should notify in writing, each bidder of the detailed changes. A bidder shall agree for such arithmetical corrections made to his bid. If the bidder refuses to accept its bid shall be rejected and action is taken against the bid security submitted.

**The correction of arithmetical errors should be done as follows:**

- (i) where there is a discrepancy between the amounts in figures and in words, the amount in words will prevail;
- (ii) where there is a discrepancy between the unit rate and the line item total resulting from multiplying the unit rate by the quantity, the unit rate as quoted will govern, unless in the opinion of the PE that there is an obviously gross misplacement of the decimal point in the unit rate, in which case the line item total as quoted will govern and the unit rate will be corrected; and
- (iii) If the bid price changes by the above procedure, the amount stated in the Form of Bid shall be adjusted with the concurrence of the bidder and shall be considered as binding upon the bidder.

**Amount of Performance Security**

**32.1** The standard form of Performance Security acceptable to the Employer shall be Bank Guarantee from a Bank approved by the Central Bank of Sri Lanka for this purpose. Insurance Guarantee will not be accepted for this purpose.

The amount of Performance Security is 5 % of the Initial Contract Price from a Bank authorized by the Central Bank of Sri Lanka.

**Percentage of retention**

**34.1** The retention from each payment shall be 10% percent.  
The limit of retention shall be 05% percent of the Initial Price.

**Minimum amount of Interim Payment Certificates**

**34.2** 4 % of Initial Contract price.

**Adjudicator proposed by Employer**

**(35.1)** The Adjudicator proposed by the Employer shall be nominated at the occasion.

If the Bidder disagrees with the proposal of the Employer or the Adjudicator was not proposed, then the Adjudicator shall be appointed by the Appointing Authority who shall be the Institute for Construction Industry Development Authority (CIDA)

*Fees and types of reimbursable expenses to be paid to the Adjudicator shall be on a case basis and shall be shared equally by the Contractor and the Employer:*

Technical Proposal Evaluation Criteria		Maximum Points
(i)	Specific experience of the bidder or the composition of the Design Team related to the design of proposed Works	<b>10</b>
(ii)	Overall compliance with the requirements of the bidding documents	<b>10</b>
(iii)	Experience of the key Member of the Design Team	
	a) Team Leader(Interior Design Expert)	20
	b) Site Staff – Technical Staff including computer network and services officer	10
	<b>Total points for criteria (iii)</b>	<b>30</b>
(iv)	Work plan and time Schedules	



	a) Work Plan	05
	b) Time Schedule	05
	c) Organization and Staff	05
	<b>Total points for criteria (iv)</b>	<b>15</b>
(v)	Preliminary Design approach	
	a) Preliminary design proposal and options (if any) including schematic designs	7.5
	b) Detailed design proposal and options (if any) including schematic design of all components	7.5
	c) Presentation of the design proposal and options (if any) during the bid evaluation period.	05
	d) Technical approach, methodology	05
	<b>Total points for criteria (v)</b>	<b>25</b>
(vi)	Any other improvements to the Employer's Requirements, suggested by the Bidder	<b>10</b>
	<b>Total</b>	<b>100</b>
<p>The minimum Technical scope to pass is <b>65 points</b></p> <p>Clause 27.5 : Each responsive Design/Technical proposal will be given a technical score(St) as above. A proposal shall be rejected at this stage if does not respond to important aspects of the employer's requirements or if it fails to achieve a minimum overall total points of 65% or if it fails to achieve a minimum of 50% under each criteria, other than criteria (vi) given above.</p>		

## Section – IV CONTRACT DATA

Note:

This section shall be read in conjunction with section III- Conditions of Contract, and is intended to provide specific information in relation to corresponding Clauses in section III. Whenever there is an ambiguity, the provisions in section IV – Contract Data shall supersede these provided in the Section III – Conditions of Contract.

### Contract Data

**Sub Clause 1.1.2.2 Employer is:** Vice-Chancellor,

Address: Uva Wellassa University of Sri Lanka, Badulla,

**Employers Representative :** Director –(OTS/AHEAD)

Address: Uva Wellassa University of Sri Lanka, Badulla,

**Sub Clause 1.1.2.4 Engineer is:** Deputy Director - Engineering,

Address: Uva Wellassa University of Sri Lanka, Badulla,

**Sub Clause 1.1.5.6** Not Applicable

**Sub Clause 3.1 Engineer's Duties and Authority**

The Engineer shall obtain the specific approval of the Employer before taking action under the following Sub Clause of these Conditions:

- (a) Consenting to the subletting of any part of the Works under Sub Clause 4.4 (b);
- (b) Approving an extension of the Time for Completion, and/or any additional payments under Sub Clause 19.1 (*contractor's claim*) issuing variation under Sub Clause 13.1 (*Right to vary Employer's Requirements*), except in an emergency situation, as reasonably determined by the Engineer.
- (c) Approving additional payment under Sub Clause 13.3

Notwithstanding the obligation, as set out above, to obtain approval, if in the opinion of the Engineer, an emergency occurs affecting the safety of life or of the Works or of adjoining property, he may, without relieving the Contractor of any of his duties and responsibilities under the

Contract, instruct the Contractor to execute all such work or to do all such things as may, in the opinion of the Engineer, be necessary to abate or reduce the risk. The Contractor shall forthwith comply, despite the absence of approval of the Employer, with any such instruction of the Engineer. The Engineer shall determine an addition to the Contract Price, in respect of such instruction, in accordance with Clause 13.3 and shall notify the Contractor accordingly, with a copy to the Employer.

**Sub Clause 4.1**

**Key personnel**

Schedule of Key Personnel:

Names with qualifications and experience to be written :

(a) Project Management

- Team Leader/(Interior design expert)-

Should be a Senior Manager having at least 10 years experience in relevant industry especially in the design & build.

(b) Design

- Officer in charge in Computer network and related services and Site supervisor

Officer in charge in Computer network shall be with suitable qualifications having at least 3 years experience in similar construction of (site organization, supervision, monitoring, planning as a technical officer) similar building interiors.

**Sub Clause 4.2**

**Performance Security**

The Performance Security shall be 5% percent of the Initial Contract Price.

The Standard Form of Performance Security acceptable to the Employer shall be a Bank Guarantee approved by the Central Bank of Sri Lanka or Bonds issued by CGF for this purpose.

**Sub Clause 8.1  
Commencement of  
Work 8.1**

**Start Date:**

The Start Date is 14 Days from the issue of the Letter of Acceptance upon signing the agreement.

**Sub Clause 8.2**

**Time for Completion**

The time for completion for the whole of Works shall be **180 days**.

**Sub Clause 8.7**

**Delay Damages**

The Delay Damages for the whole of the Works shall be 0.05% of the Initial Contract Price per day.

The maximum amount of Delay Damages for the whole of the Works shall be 5% percent of the Initial Contract price.

- Sub Clause 11.1 Defects Notification Period**  
Defects notification Period is **365 days** from Taking – over Certificate.
- Sub Clause 13.6 Adjustments for Changes in Cost**  
Contract is **not applicable** to price adjustments for fluctuation of prices.
- Sub Clause 14.1 Contract Price**  
Successful bidder’s bid sum will be considered as the contract sum.  
Maximum budget allocation of the contract is Rs 23.0Mn.  
The Works described under Day Works is to be paid according to quantity supplied or work done.
- Sub Clause 14.3 (c) Retention Money**  
The retention from each payment shall be 10%  
The limit of retention shall be 05% of the Initial Contract Price.
- Sub Clause 14.4 Issue of Interim Payment Certificates**  
Minimum amount of Interim Payment Certificates shall be 04% of the Initial Contract Price.  
Sub Clause 19.2 & 19.4 Failure to agree Dispute Adjudicator  
The appointing entity for appointing the Adjudicator is the Construction Industry Development Authority (CIDA)

# Section – VI EMPLOYER’S REQUIREMENT

## 1. BACKGROUND OF THE PROJECT

### BASIC INFORMATION OF THE PROJECT

#### AHEAD Project – ELTA/ELSE DP – Faculty of Applied Sciences

This project should go as a design and built process and the necessary specifications for the goods are attached with the relevant works parts.

- The contractor shall provide minimum 2 years general warranty for the entire system in addition to individual warranty as specified below.
- Manufacturers’ authorization is required for all fixtures and appliances whichever required.
- The client and the bidder shall set out a for a service agreement for each and every item at the end of the warranty period.,

#### Requirements for the design and built process of smart classrooms, self-access center and video conferencing room

- This is a ‘Design and Built’ process for smart classrooms/self-access center (SAC) and video conferencing room construction. Existing classrooms (D1, D2 and D3), D opposite lab and a ground floor room of the student quarters at Nugegoda will be used and modified for the purpose.
- The designs for all the above should be presented with specifications
- Pre-bid meeting necessary, bidders should visit the places on a given date, do a feasibility study and get our exact requirements before submitting the design and proposals.
- Selected bidders should demonstrate their products (samples for requested furniture/products) before the evaluation process
- Warranty period and durability of the items should be specified
- Service agreements or a maintenance plan necessary
- Selected bidders are required to provide details about implementation of previous similar projects to prove their experience (at least three years or more) in the industry.

#### 1. Smart Classroom Setting (D block top floor) –

##### Classroom D1

- Size (rough): D1 : 162.12 m<sup>2</sup> (1744 ft<sup>2</sup>)
- Student capacity required: around 110-130 (maximum number preferred)

##### Classroom D2

- Size (rough): D2 : 72.25 m<sup>2</sup> (774.4 ft<sup>2</sup>)
- Student capacity required: around 45-50 (maximum number preferred)

##### Classroom D3

- Size (rough): D3: 72.25 m<sup>2</sup> (774.4 ft<sup>2</sup>)
- Student capacity required: around 45-50 (maximum number preferred)

### Goods

#### 1. Student desks:

Amount (number) in the given range mentioned above, suitable for the design

Colour to match the design of the classroom (ash/beige/white or similar color)

Size: (approximately) height 750 mm, Top trapezium shape, Width 350 mm, Length: 600 mm long side, 450 mm short side.

Specifications: Melamine top (25 mm thick) with PVC edging and base, foldable, constructed of powder coated 2"x1" GI box bar gauge 1.5mm (durable legs for frequent movements), Built-in permanent rubber bushes on legs



## 2. Student Chair

Amount (number) in the given range mentioned above, suitable for the design

Colour to match the design of the classroom (ash/beige/white or similar color)

Specifications: Leather, fabric or suitable cushion seat, separate powder coated metal vertical legs with built-in permanent rubber bushes, backrest, without arms, Size: Height 800 mm, Width 500 mm, Length: 400 mm (approximately)



## 3. Teacher Table

One per classroom, Specifications: 25 mm thick melamine laminated top finished with 2 mm thick PVC edging and 18 mm thick melamine laminated board structure with 1 mm thick PVC edging with one fixed lockable drawer unit and one lockable cupboard. Colour to match the design of the classroom (ash/beige/white or similar color) and other furniture. Size: H 750 mm, W 600 mm, L 1300 mm (approximately). (Cupboard unit: 400 mm x 450 mm x 700 mm (approximately))



#### 4. Teacher Chair

One per classroom, Specifications: fabric cushion seat, backrest polypropylene or fabric upholstered, arms: chrome and polypropylene, powder coated cantilever base, colour to match the design of the classroom (ash/beige/white or similar color) and furniture.



#### 5. Podium:

One per classroom

Height adjustable, metal monopod podium, glass top flat or slightly slant or adjustable, top size should be able to keep a book or digitizer

Colour to match the design of the classroom (ash/beige/white or similar color).



6. **Smart board:** one each per classroom with web cam -please refer the attachments for specifications

7. **High-end multimedia projectors** (D1 : two, D2 and D3 one each) – please refer the attachments for specifications

8. **Electric screens:** D1: 01,white 8' x 6' (size to match the classroom) + remote controller

9. **Free standing digital notice board/signage display:**

One for the D classroom complex, Floor mounted, shape rectangular digital signage screen display with media player (USB and network (WIFI),VGA, HDMI interfaces)-should be easy to use and update, diagonal screen size 55", software included: should allow to schedule different content (pictures/slides/video) to play at different times of the day, setting image display duration and transition effects. 1920\*1080 High resolution, Memory 8GB



10. **Digitizer:** Please refer the attachments for the specifications(one per class room)



11. **White board:** (two per D1 and one each for D2 and D3 classroom) L 2000 mm x W 1000 mm (size to match the classroom) –with a moveable stand to suite the design, pen and duster holder



12. **Sound system:**

**Compact speakers** (2 for D1 and 1/2 each for D2 and D3-in suitable amounts), wall mounted 2-way bass-reflex type, ABS resin, black (graphite black), paint Net: Surface treated steel plate, black (graphite black),powder coating Bracket: Surface treated steel plate, black equivalent to graphite black, powder coating, 196 (W) × 290 (H) × 150 (D) mm (approximately), frequency 80 Hz - 20 kHz, sound pressure level 90 dB, input 30W, with necessary accessories



**Mixer and amplifier (03):** power source: 220-240 V AC, 60 W output, frequency response 50-20,000 Hz, distortion 1% or less at 1 KHz, output: speaker out: balanced, ABS resin, black finishing, 420 w x 100 h x 280 d mm, 6 channel mixer, suitable for the purpose

**Other: wireless clip-on microphone** (one per classroom) **with receiver and transmitter + wireless handheld microphones** (03 for D1 and 02 each for D2 and D3) compatible with the receiver (4-6 channels), battery life 10 hrs, battery status indicator, accessories- microphone holder, AC adaptor, less weight (<250g), black, resin, coating

**7U System rack with fixed tray (03)** (lockable) with necessary accessories for installations

13. **Splitters (03)**

### **Works (for all classrooms)**

- All smart equipment supply and installations and all necessary electrical work, data wiring (ex- suitable electrical wiring, plug bases, networking per groups, wall sockets etc.). Electrical work includes power supply from main /sub distribution boards and the bidder is requested to include the cost for the same including all civil works in order to complete the power supply in a functional manner.
- Sound system supply and installation
  
- If design needs floor wiring a wooden deck is required with given specifications or can design with movable plug bases. If necessary for all 3 classrooms floor: hardwood timber frame work (150 mm height) clad with season hardwood including laying wooden plank on season hardwood deck with laying loop pile carpet or if using movable plug bases for the desk arrangements without the deck.
- Teacher deck (compulsory): Height 300 mm, timber deck of the same mentioned above for teaching areas with laying loop pile carpet.
  
- Fabric roller blinds (PVC/fabric attached to an aluminum roller tube), plain (no strips), thickness 1-3 mm, opening style vertical, with a gear mechanize railing (chain pulley system that rolls the material up and down the tube) for smooth functioning plus high quality necessary accessories (corrosion free). Should be able to set the fabric to a desired level.
  
- Fabric clad wall panel with GI structure for all 3 classrooms (to make sound proof)
  
- The projectors + the smart board + electric screens should be mounted connected through splitters. In addition to the new ones the existing screens need to be relocated and installed as per the design.
  
- Name boards fixing on doors (D Complex -Faculty of Applied Sciences, D1 Classroom, D2 Classroom, D3 Classroom)- in a suitable size
  
- Colour wash – a coat of acrylic wall filler and finished with two coats of emulsion paint to internal walls.
  
- Powder coated shop front Aluminium partitions, aluminium doors matching with existing partitions with door closers as per requirements specified with necessary aluminium partition and solid brick wall demolitions, masonry work, tiling finishes etc, need to be attended if any. For bidder's reference, required partition changes are attached in the 66<sup>th</sup> page of this document as employer's requirement.

## 2. Video Conferencing Room- Nawala

- **Area:** (rough) 10 x 10 ft

### Goods

1. **Teacher table:** - Specifications: 25 mm thick melamine laminated top finished with 2 mm thick PVC edging and 18 mm thick melamine laminated board structure with 1 mm thick PVC edging. Colour to match the design of the room. Size: (approximately) H 750 mm, L 1200 mm, similar shape to the photo where maximum 03 can sit around and look at a PC kept on the table.



2. **Teacher Chair:** 03 chairs - Specifications: fabric upholstered cushion seat, backrest fabric cushioned, arms polypropylene, polypropylene base/caster wheels, height and swivel adjustable. Colour to match the design of the room



3. **Bench top:** Melamine laminated top (25 mm thick) with 2 mm PVC edging and 18 mm thick melamine laminated board structure finished with 1mm thick PVC edging. Size: H 750 mm, W 600 mm, L 1500 mm. With one fixed lockable drawer unit and one lockable cupboard. Colour to match the design of the room (Cupboard unit: 400 mm x 450 mm x 700 mm (approximately))



4. **Electric screen:** white screen, with remote controller, 8' x 6' (size matched to the room)
5. **Video camera:** suitable for the purpose, clear HD video, capture the speaker/s
6. **Short throw multimedia projector:** please refer the attachment for specifications-ceiling mounted
7. **Digitizer:** please refer the attachment for specifications
  
8. **Air conditioner** (16 btu)
9. **4G internet router**
10. **Wireless clip on microphone** (03)

#### **Works**

- Interior designing of the room
- Supplying and laying loop pile carpeting with 5 mm thick, Mcfoam under layer, firm bonding to the existing floor. Carpet having primary and secondary backings namely polypropylene and classic back respectively and having a minimum pile weight of 20 Oz per sq yard
- All necessary electric work and lighting for the design with necessary accessories, necessary plug points and switches, fixing and installation of air conditioner
- Mounting and installation of the video camera, projector and screen
- Fabric roller blinds (PVC/fabric attached to an aluminum roller tube), plain (no strips), thickness 1-3 mm, opening style vertical, with a gear mechanize railing (chain pulley system that rolls the material up and down the tube) for smooth functioning plus high quality necessary accessories (corrosion free). Should be able to set the fabric to a desired level.
- Fabric clad wall panel with GI structure
- Name boards fixing on door (Video Conferencing Room-Faculty of Applied Sciences, Uva Wellassa University)- suitable sizes to match the door.
- Powder coated shop front Aluminium partitions, aluminium doors with door closers as per requirements specified with necessary aluminium partition and solid brick wall demolitions, masonry work, tiling finishes etc need to be attended if any.
- Colour wash – a coat of acrylic wall filler and finished with two coats of emulsion paint to internal walls

### **3. Computer self-access center (SAC) (D opposite)**

- **Size:** (rough) 164.6 m<sup>2</sup> – (1772 ft<sup>2</sup> - rectangular)
- **Student capacity:** 70

1. **Computer Chairs (70):** Specifications: fabric upholstered seat with upholstered backrest/polypropylene backrest, having 5 prong nylon base, twin caster nylon wheels, and height adjustable. No arms. Colour to match the design of the lab and furniture.



2. **Teacher Table (01):**

Specifications: 25 mm thick melamine laminated top finished with 2 mm thick PVC edging and 18 mm thick melamine laminated board structure with 1 mm thick PVC edging with one fixed lockable drawer unit and one lockable cupboard. Colour to match the design of the lab and other furniture (teak color). Size: H 750 mm, W 600 mm, L 1300 mm (approximately). (Cupboard unit: 400 mm x 450 mm x 700 mm (approximately))



3. **Teacher Chair(01):**

Specifications: fabric cushion seat, backrest polypropylene or fabric upholstered, arms: chrome and polypropylene, powder coated cantilever base, Colour to match the design of the lab and furniture.



4. **Multimedia Projectors (02):** short throw/normal projectors – please refer the attachment for specifications
5. **Electric screens (02):** white, control with remote controller 8' x 8' (size to suite the lab)
6. **Video camera:** high end wide angle (160°), clear HD video, static view, capture the whole class
7. **White board:** L 1200 mmx W 900 mm, with a movable stand to suit the design, pen and duster holder



8. **Free standing digital notice board/signage display:**

Floor mounted, shape rectangular digital signage screen display with media player (USB and network (WIFI) update)-should be easy to use and update, diagonal screen size 55", software included: should allow to schedule different content (pictures/slides/video) to play at different times of the day, setting image display duration and transition effects. Warranty – min 3 yrs



9. **Sound system:**

**Compact speakers** (2 for the lab or in suitable amounts), wall mounted 2-way bass-reflex type, ABS resin, black (graphite black), paint Net: Surface treated steel plate, black (graphite black), powder coating Bracket: Surface treated steel plate, black equivalent to graphite black, powder coating, 196 (W) × 290 (H) × 150 (D) mm (approximately), frequency 80 Hz - 20 kHz, sound pressure level 90 dB, input 30W, with necessary accessories

**Mixer and amplifier (01):** power source: 220-240 V AC, 60 W output, frequency response 50-20,000 Hz, distortion 1% or less at 1 KHz, output: speaker out: balanced, ABS resin, black finishing, 420 w x 100 h x 280 d mm, 6 channel mixer, suitable for the purpose

**Other: wireless clip-on microphone (01) with receiver and transmitter + wireless handheld microphones (03 for the lab)** compatible with the receiver (4-6 channels), battery life 10 hrs, battery status indicator, accessories- microphone holder, AC adaptor, less weight (<250g), black, resin, coating

**7U System rack with fixed tray (01)** (lockable) with necessary accessories for installations

10. **Splitter (01)**

**Printer Room and lobby area**

11. **Bench top/working table:** Melamine laminated top (25 mm thick) with 2 mm PVC edging and 18 mm thick melamine laminated board structure finished with 1mm thick PVC edging. Size: H 750 mm, W 600 mm, L 2000 mm (approximately). Colour to match the design of the lab (teak color).



12. **Wall cupboard:** 18 mm thick melamine laminated board with 1 mm thick PVC edging. Back panel 9 mm thick melamine laminated. 25 mm thick melamine laminated board finished with 2 mm thick PVC edging. Horizontal on wall. Size H 600 mm, W 300 mm, L 1200 mm (approximately). With lock and keys, swing doors and adjustable and/or fixed shelves (01). Colour to match the design of the lab (teak color).



13. **Wall mounted fans (04):** Wall mounted fans to match to the design, with hanging thread  
14. **Lobby seats (06):** fabric upholstered, legs with rubber bushes.



15. **Magazine rack:** standing, wooden, melamine laminated with PVC edging, height 5 feet (approximately)



**Works** (computer self -access center (SAC) +printer room + lobby area)

- Installation of powder coated aluminum double door for lab D area (or moving the existing doors).
- Door bell (1)
- Partitioning (aluminum) of the printer area and lobby area or moving the existing partitions in a suitable way -gypsum-fabric half/full as suitable
- Wall papers to fabricate the lobby area, printer area and carpet and interior designing
- All necessary electric work/plug points/plug points in stands, networking and lighting
- Sound system supply and installation (wall mounted speakers, 7U system rack with fixed tray etc.)
- Fabric roller blinds (PVC/fabric attached to an aluminum roller tube), plain (no strips), thickness 1-3 mm, opening style vertical, with a gear mechanize railing (chain pulley system that rolls the material up and down the tube) for smooth functioning plus high quality necessary accessories (corrosion free). Should be able to set the fabric to a desired level.
- The multimedia projectors (ceiling mountd) should be connected through splitters with the teacher computer
- Fixing and installation of video camera, electric screens
- Name boards fixing on doors (Self Access Center-Faculty of Applied Sciences, Printer/Copier Room, Lobby Area)- suitable sizes to match the door.
- Powder coated shop front Aluminium partitions, aluminium doors with door closers as per requirements specified with necessary aluminium partition and solid brick wall demolitions, masonry work, tiling finishes etc need to be attended if any.
- Colour wash – a coat of acrylic wall filler and finished with two coats of emulsion paint to internal walls.
- 

**Interactive smart board**

No	Feature	Minimum Requirements
	Brand	Please specify
	Model	Please specify
	Country of Origin	Please specify
	Country of Manufacture/Assembly	Please specify
	Year of Manufacture	Please specify
<b>1</b>	<b>Display specification</b>	
1.1	Diagonal display size	86"LED backlight or higher
1.2	Active area (mm)	1895.04(H) x 1065.96(V)mm
1.3	Resolution	3840*2160 or above
1.4	Pixel Pitch	0.429 mm x 0.429 mm
1.5	Back Light	Direct type LED

1.6	Aspect Ratio	16:9
1.7	Contrast Ratio	1600:1
1.8	Colors	1.07 billion colors
1.9	Brightness	350cd/m2
1.1	Viewing angle	178°
1.11	Screen surface	4mm Mohs7 tempered glass
<b>2</b>	<b>Touch system</b>	
2.1	Technology	IR
2.2	HID support	Yes
2.3	Touch supported	10 points touch
2.4	Writing tools	Pen or finger
2.5	Response Time	10ms or less
2.6	Cursor speed	125points/s or above
2.7	Precision	1mm
<b>3</b>	<b>Connectivity</b>	
3.1	Front Side	HDMI, USB, USB for touch
3.2	Rear side	RS232 1-line, MIC IN , SD IN , USB 3.0 , HDMI IN 2-line, AV IN, AV OUT - line, EARPHONE line, VGA IN, AUDIO IN 1, VGA OUT , RJ45 LAN IN, RJ45 OUT
3.3	Outputs (Speakers)	Please specify
3.4	Rotatable fully HD Camera	Required
<b>4</b>	<b>Operating system</b>	
4.1	Android Version	5.0.1 With Google Play store
4.2	CPU	Qual Core or above
4.3	GPU	Mstar 828
4.4	RAM	2G DDR3 or above
4.5	ROM	16GB or above
<b>5</b>	<b>Integrated Windows standard Open pluggable specification PC</b>	
5.1	Windows OPS PC Slot	Yes
5.2	CPU	Core I5 Processor with Processor speed 3.0Ghz Base Frequency or above
5.3	Chipset	Intel
5.4	Memory capacity	8GB or above
5.5	Storage capacity	120SSD or above
5.6	OPS Operating System	64-bit Windows 10 pro(or latest)
<b>6</b>	<b>Physical specifications</b>	
6.1	Net Weight (kg±2)	Please specify



6.2	Gross Weight (kg±2)	Please specify
6.3	Dimension(W*D*H) mm	Please specify
6.4	Wall mount (VESA) (mm)	Please specify
<b>7</b>	<b>Electrical</b>	
7.1	Input Voltage	Please specify
7.2	Power Requirement	Yes
7.3	Power Consumption	Please specify
	Power Consumption ( stand by)	Please specify
<b>8</b>	<b>Software</b>	
8.1	Antivirus Software	Latest Version of Commercial Antivirus Software with 3 years subscription
8.2	Productivity Software	Microsoft office 2016 Professional Edition
8.3	White Board Software	This software should be natively support collaboration with student devices through the setting up of a classroom. White board should be able to move up and down (scrolling)
9	Accessory	Capacitive styles Pen - 2pcs or more USB (touch cable) 10m - 1pcs or more HDMI cable 10m - 1pcs or above Remote Control- 1pcs Power Cable ,Wall mounting Bracket, Web cam/ with external camera
10	Installation	Installation in the designated classrooms should be done without any additional cost with wall mounting and power wiring
11	Training	Training need to be provided for technical staff about whiteboard Software and related software's. Training need to be about how to develop a lesson which uses the smart interactive display.
12	Warranty	3 Years comprehensive onsite warranty
13	Maintains plan with relevant cost after the warrantee period	Please specify
14	References	List of Universities and Educational Institutes with contact details where the Smart board have been deployed

## Digitizer

<i>Description</i>	<i>Required Specification</i>
<b>Product Type</b>	Graphics Tablet
<b>Dimension</b>	300x180x10 (12"x7")
<b>Shortcut keys</b>	At least 4
<b>Pressure sensitivity levels</b>	2048 or higher
<b>OS Compatibility</b>	Windows 7,8,10.1/Mac/Ubuntu
<b>Ergonomics</b>	Left & Right hand
<b>Connectivity</b>	USB and Wireless
<b>Active Are</b>	min 8"x5"
<b>Power</b>	USB chargeable
<b>Stylus</b>	Passive (battery-less)

## High-end Multimedia projectors

<i>Description</i>	<i>Required Specification</i>
<b>Make</b>	Specify
<b>Model</b>	Specify
<b>Country of Origin</b>	Specify
<b>Country of Manufacture</b>	Specify
<b>Display Technology</b>	DLP
<b>Brightness</b>	3500 ANSI Lumens
<b>Contrast Ratio</b>	20000:1
<b>Light Source</b>	Laser & LED Technology
<b>Resolution</b>	Native: 1280 X 800 WXGA Maximum: 1920 X 1200 WUXGA
<b>Aspect Ratio</b>	16:10 (Native)
<b>Lamp Life</b>	More than 18,000 Hours (Standard mode)
<b>Projector Lens</b>	Manual Zoom & Focus Zoom Factor: 1.5X
<b>Screen Size</b>	35" – 300"
<b>Projection Method</b>	Front, Rear, Ceiling Mount
<b>Projection Range</b>	60" = 1.7m 100" = 2.9m
<b>Projection Ratio</b>	Please Specify
<b>PC Compatibility</b>	SVGA, XGA, WXGA, SXGA, SXGA+, WXGA, WSXGA+, UXGA, UXGA+, WUXGA
<b>Video Compatibility (DTV/HDTV)</b>	480i/480P/576i/576P/720P/1080i/1080P
<b>Keystone Correction</b>	Auto & Manual Vertical +/- 30
<b>Video Input Terminal</b>	Mini D-Sub 15 pin X 1, Also use as YcbCr/YPbPr Input
<b>Video Digital Input</b>	HDMI X 1(480P – 1080P)
<b>Audio</b>	IN -3.5mm mini jack OUT - 3.5mm mini jack
<b>Control Terminals</b>	RS-232 Adapter cable
<b>General</b>	
<b>Net Weight</b>	Less than 4Kg
<b>Power Supply</b>	100 – 240 V, 50/60Hz (Full Range)
<b>Power Consumption</b>	Less than 90W (Eco Mode) 195W Max (Standard Mode)
<b>Power Standby</b>	Less than 0.3W

<b>Other Features</b>	Intelligent Brightness Control
	Presentation Timer
	Quick Turn ON & OFF Facility
	Filter Free
	Dust Reduction Technology
<b>Standard Accessories</b>	Remote Control
	AC Adapter Code
	VGA Cable
<b>Ceiling mounting kit and Installation</b>	Required
<b>Details of Projector Installation</b>	Required - Projector should be mounted to ceiling and all required accessories should provide by the supplier
<b>Power wiring for Projector</b>	Required
<b>Data cable Installation</b>	Required
<b>Details of Data cable Installation</b>	Step 1 -Both VGA and HDMI cables should be laid on the ceiling and connect with the wall socket, Step 2 - HDMI and VGA cables should be laid from wall socket to table
<b>Manufacturing authorization Letter</b>	required
<b>Warranty</b>	03 Years Warranty for Unit
	More than 6000 Hours for the Light Source

### Short throw multimedia projector

<i>Description</i>	<i>Required Specification</i>
<b>Aspect Ratio</b>	4:3 (Native) 16:9
<b>Brightness (ANSI Lumens)</b>	3500lm or Higher
<b>Contrast Ratio</b>	20,000 :1
<b>Display Type</b>	LCD
<b>NATIVE RESOLUTION</b>	1024 x 768 or above
<b>Video Compatibility</b>	NTSC,PAL,SECAM,HDTV (720p or Higher)
<b>Number of Colors</b>	16 million
<b>Device Type</b>	Portable
<b>Inputs</b>	1x HDMI
	1x Stereo mini jack
	2x RGB D-sub 15 pin
	1x Composite
	1x S-video
<b>Outputs</b>	1x Stereo mini jack
<b>Audio</b>	1x 1W mono speaker
<b>Data</b>	RS232 Data cable
<b>Lamp Life</b>	3000 hrs or higher
<b>Projection Distance</b>	3.0ft~35.1ft (0.91m~10.7m) Short Throw
<b>Optical Zoom</b>	1:4

<b>Focus</b>	Automatic, Manual
<b>Digital Keystone</b>	Horizontal, Vertical
<b>Features</b>	USB , RS232 Computer Control
	Remote Controller
	Wired Networking
<b>Warranty Period</b>	2 years or above

**Note- The drawings and sketches which will be compulsory to submit along with the bid should be very clear and preferably be drawn on A3 size papers . In addition to that bidders have to submit drawings in CD format too.**

**Bidder is required to perform a presentation(s) of the proposal in the university, free of charge.**

The tasks to be undertaken shall include to following but not limited to them and shall be done while preparation of bid and while implementation if awarded.

- i. Analyze Project Brief; and
- ii. Study statutory requirements

#### **Institutional Arrangements**

All works to be done for and on behalf of the Uva Wellassa University of Sri Lanka, Badulla. Therefore, the contractor should carry out all work in each stage with very close coordination of the University.

Coordination with other relevant authorities is also essential. To ensure such close coordination and monitoring it is suggested to hold weekly or fortnightly meeting at the University. The Contractor should attend these meetings with the relevant professionals.

## **HEALTH, SAFETY AND ENVIRONMENTAL PROCEDURES, THE BIDDER SHALL CONSIDER TO :**

**Adapt Environmental and Management Plan (EMP) Code of conducts and address below given actions wherever suitable.**

- Appointing an Environmental and Safety Officer for the site whenever required...
- Display an information board regarding the project mentioning contact numbers and e - mail address for receiving any complaints related to the project in local language..
- Placing a complaint box (Local Language) in the security gate as accessible to general public and students, and maintain Grievance Redress Mechanism (GRM). A GRM register should be maintained by the Contractor to record complaints and solve them out. If not them solved by the contractor engineer or faculty administration or AHEAD OMST will be solved the complaints.
- Keep a fully equipped first Aid kit in the rest room with essential medicines and necessary tools.
- Providing Personal Protecting Equipment (PPEs) for the laborer's such as Helmets, Shoes or safety boots, harnesses, Jackets, Gloves and Eye Protectors.
- Improving the site barricading to limit exposure of non- labour entrance into the construction site.
- Controlling the soil erosion from the site and soil Stockpile.
- Conduct safety meetings to the labours .
- Contractor should Prepare a Code of Conduct for the labours when they are working in the university premises to avoid any harassment and conflicts between labours and students and staff of the university.
- Contractor should maintain strict guideline for minimizing dust and noise.
- Submission of quarterly environmental and social safeguard progress report prepared by the contractor's environment and safety officer in order to send World Bank office.
- Following the conditions in the Environmental Management Plan provided by the AHEAD Operations.
- The contractor should remove their domestic and construction waste from the university premises.
- AHEAD Safety Manual Shall be well aware by the bidder/contractor

**Section – VII (a)**  
**FORM OF BID**

**Design and Build of Smart Classroom in Block D of Uva Wellassa University**

To: Vice-Chancellor,  
Uva Wellassa University of Sri Lanka,  
Badulla

We have examined the Conditions of Contract, Employer’s Requirements, Schedules and Addenda Nos. .... for the execution of the above named Works We accordingly offer to design, execute and complete (Turnkey) the said Works and remedy any defects fit for the purpose, in conformity with the Bidding Documents and the enclosed, Proposal, at the lump sum price stated in the Form of Financial (Price) Proposal included in a separate envelope and submitted with this bid, or other such sums as may be determined in accordance with the terms and conditions of the Contract.

We confirm that our bid includes this General Information, Financial (Price) Proposal, and Design/Technical Proposal sealed under three separate envelopes.

We agree to abide by this Bid 17<sup>th</sup> December 2018 and it shall remain bidding upon us and may be accepted at any time before that date.

We confirm that, we (including all members of a joint venture and subcontractors) are not associated, directly or indirectly, with the consultant or any other entity in preparation of the design, specification, and other documents for the contract.

If this offer is accepted, we will provide the specified Performance Security, commence the Works as soon as reasonably practicable after the Commencement Date, and complete the Works in accordance with the above - named documents within the Time for Completion. We will ensure that works will be done in conformity with the contract.

Unless and until a formal Agreement is prepared and executed this Bid, together with your written acceptance thereof, shall constitute a binding Contract between us.

We understand that you are not bound to accept the lowest offer or any other bid you may receive.

.....

Signature of the persons duly authorized to sign documents for and on behalf of .....

.....

Address: .....

.....

.....

Date: .....

**Section – VIII (a)**

**SCHEDULES**

**Related to General Information**

### Schedule A 1 - Preliminary Information

*(enclose this schedule in the envelope marked, “ **Envelope 1** – general Information”)*

- (i) If pre qualification is done the bidders are required to include information subsequent to that submitted with the pre-qualification application*
- (ii) For joint ventures, each joint venture partner shall furnish information separately*

ITB Clause reference	Description	Information (to be filled by the Bidder)	Remarks
<b>3.1</b>	<b>CIDA Registration or Business Registration or SP1</b>		Provide certified copies and label them as attachment to Clause 3.1
	Registration Number		
	Grade		
	Spatiality		
	Expiry Date		
<b>3.2</b>	<b>Business Registration or SP1</b>		Provide certified copies and label them as attachment to Clause 3.2
	Number		
	Expiry Date		
<b>4.1 (a)</b>	<b>Legal Status</b>		
	If a Joint Venture, names and addresses of Joint venture partners	1. .... 2. .... 3. ....	Provide certified copy of the Joint Venture Agreement.
	If a Joint Venture, names of the Lead Partner		
	For joint ventures, each joint venture partner shall furnish Legal Status separately.		
	<b>Name (Lead Partner)</b>		Provide certified copies and label them as attachment to Clause 4.1 (a)
	Legal status		
	Place of registration		
	Principal place of business		
	Written power of attorney of the signatory	Provide certified copy of the power of attorney attested by a Notary and label them as attachment to	



	to the Bid	Clause 4.1 (a)	
	VAT Registration Number		Provide certified copies and label them as attachment to Clause 4.1 (a)
	<b>Name (Partner 2)</b>		
	Legal status		
	Place of registration		
	Principal place of business		
	Written power of attorney of the signatory to the Bid	Provide certified copy of the power of attorney attested by a Notary and label them as attachment to Clause 4.1 (a)	
	<b>Name (Partner 3)</b>		
	Legal status		
	Place of registration		
	Principal place of business		
	Written power of attorney of the signatory to the Bid	Provide certified copy of the power of attorney attested by a Notary and label them as attachment to Clause 4.1 (a)	

**Schedule A 2 – Annual Turnover Information**

*(enclose this schedule in envelope marked “ **Envelope 1** – General Information”)*

- (i) If pre-qualification is done the bidders are required to include information subsequent to that submitted with the pre-qualification application.*
- (ii) For joint ventures, each joint venture partner shall furnish information separately.*

<b>Year</b>	<b>Turn –over</b>	<b>Remarks</b>
1		Attach relevant supporting documents to Clause 4.1 (a) (i)
2		
3		
4		
5		

**Schedule A 3 – Adequacy of Working Capital**

*(enclose this schedule in envelope marked “ **Envelope 1** –General Information)*

*If pre qualification is done the bidders are required to include information subsequent to that submitted with the pre-qualification application*

<b>Source of credit line</b>	<b>Amount</b>	<b>Remarks</b>
		Provide documentary evidence and label them as attachment to Clause 4.1 (a) (ii)
Total		

**Schedule A 4 –Experience in last three years**

*(enclose this schedule in envelope marked, “**Envelope 1** – General Information)*

- (i) If pre-qualification is done the bidders are required to include information subsequent to that submitted with the pre-qualification application.*
- (ii) For joint ventures, each joint venture partner shall furnish information separately.*
- (iii) List similar works first.*

<b>Year</b>	<b>Employer</b>	<b>Project Name</b>	<b>Project Duration (Months)</b>	<b>Amount (Project Value)</b>	<b>Scope of Work</b>
		<b>Total</b>			

**Schedule A 5– Consulting experience in last three years**

*(enclose this schedule in envelope marked, “**Envelope 1** – General Information)*

- (i) *If pre-qualification is done the bidders are required to include information subsequent to that submitted with the pre-qualification application.*
- (ii) *For joint ventures, each joint venture partner shall furnish information separately.*
- (iii) *List similar works first.*

<b>Year</b>	<b>Employer</b>	<b>Project Name</b>	<b>Project Duration (Months)</b>	<b>Amount (Project Value)</b>	<b>Scope of work</b>
		<b>Total</b>			

## Check List for Bidders

Bidders are advised to fill the following table:

ITEM	ITB Clause	YES (tick)	REFERENCE
<b>Form of Bid</b>			
Addressed to the <b>Employer</b> ?	18		
Completed?	18		
Signed?	18		
<b>Bid Security Declaration Form (if required)</b>			
Properly filled and signed	16		
<b>Bid Security (if required)</b>			
Addressed to the <b>Employer</b> ?	16		
Format as required?	16		
Issuing Agency as specified?	16		
Amount as requesting?	16		
Validity 28 days beyond the validity of Bid?	16		
<b>Qualification Information</b>			
All relevant information completed?	4		
Signed?	4		
<b>Addendum</b>			
Contents of the addendum (if any) taken in to account?	10		
<b>BID package</b>			
All the documents given in ITB Clause 12 enclosed in the original and copy?	12		
ITB Clause 19 followed before sealing the Bid Package?	19		

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# **VOLUME 2**

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**Section – VII (b)**

**FORM OF DESIGN & TECHNICAL PROPOSAL**



**FORM OF DESIGN/TECHNICAL PROPOSAL**

**NAME OF CONTRACT:** Design and Build of Smart Classroom in Block D of Uva Wellassa University

To: Vice-Chancellor,  
Uva Wellassa University of Sri Lanka,  
Badulla,

We have examined the conditions of contract, Employer’s Requirements, Schedule and Addenda Nos.-.....for the execution of above-named works.

We accordingly offer to design, execute and complete the said Works and remedy any defects, fit for purpose in conformity with these Bidding Documents and enclosed proposal. We are hereby submitted our Bid, which includes this Design/Technical Proposal, General Information and a Financial Proposal sealed under a separate envelopes.

We understand that you are not bound to accept the lowest offer or any other bid you may receive.

.....

Signature of the persons duly authorized to sign documents for and on behalf of .....

.....

Address: .....

.....

.....

Date: .....

**Section – VIII (b)**

**SCHEDULES – Related to Design and Technical Proposal**

**Schedule B1 – Comments and Suggestions on Employer’s Requirements**

*(enclose this schedule in envelope marked “**Envelope 2** – Design and Technical Proposal”)*

Sheet 1 of .....

*Bidders may include observations made on Employer’s Requirements and any suggestions for consideration. (Use additional pages if necessary).*

**Schedule B2 – Contractor’s Proposal**

*(enclose in envelope marked “**Envelope 2** – Design and Technical Proposal”)*

Sheet 1 of .....

*This schedule should be complete considering all the requirements given in the Employer’s Requirements, including design criteria, specifications and technical data. (use additional pages if necessary)*

**Schedule B3 – Team Composition and Task Assignment**

*(enclose this schedule in envelope marked, “**Envelope 2** – Design and Technical Proposal”)*

**A. Design Staff**

Name	Position	Task

**B. Construction Management**

Name	Position	Task

**Schedule B4 – Curriculum Vitae of Key Staff**

*(enclose Curriculum Vitae in envelope marked, “**Envelope 2** – Design and Technical Proposal”)*

<b>Proposed Position:</b>			
<b>Name of Staff:</b>			
<b>Nationality:</b>			
<b>Profession:</b>			
<b>Membership in Professional Societies:</b>	<b>Society/ Institution</b>	<b>Membership Category</b>	<b>Date Obtained</b>
<b>Detailed Tasks Assigned:</b>			
<b>Key Qualifications:</b>	<i>Give an outline of staff member’s experience most pertinent to tasks or assignment. Describe degree of responsibility held by staff member on relevant previous assignment and give dates and locations. Use about half a page.</i>		
<b>Education:</b>	<b>Institute</b>	<b>Qualification</b>	<b>Date Obtained</b>

<b>Employment Record:</b>	<b>Employer/ Project Name</b>	<b>Position Held</b>	<b>Project Value (Rs. Mn)</b>	<b>Scope of Work</b>	<b>Period</b>
<b>Certification:</b>	I, the undersigned, certified that to the best of my knowledge and belief, the information is correct.				
<p>Signature of staff member: ..... Date: .....</p>					

**Schedule B7 – Work Program (Construction Related Activities)**

*(enclose in envelope marked, “**Envelope 2** – Design and Technical Proposal”)*

	<i>[1<sup>st</sup>, 2<sup>nd</sup>, etc., are weeks from the Start date</i>											
<b>Construction Activity</b>	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	4 <sup>th</sup>	5 <sup>th</sup>	6 <sup>th</sup>	7 <sup>th</sup>					26 <sup>th</sup>

**Note:- The bidder has to prepare this chards for the entire 26 weeks.**



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# **VOLUME 3**

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**Section – VII (c)**

**FORM OF FINANCIAL (PRICE) PROPOSAL**

**FORM OF FINANCIAL (PRICE) PROPOSAL**

**NAME OF CONTRACT:** Design and Build of Smart Classroom in Block D of Uva Wellassa University

To: Vice-Chancellor,  
Uva Wellassa University of Sri Lanka,  
Badulla, .

We have examined the Conditions of Contract, Employer’s Requirements, Schedules and Addenda Nos. .... or the execution of the above-named Works. We accordingly offer to design, execute and complete the said Works and remedy any defects fit for the purpose, in conformity with the Bidding Documents and the enclosed Proposal, for the fix lump sum of Rupees ..... (Rs.....) or other such sums as may be determined in accordance with the terms and conditions of the Contract. The above amounts are in accordance with the Price Schedule herewith and are made part of this bid. We confirm that our bid includes this Price proposal, Design/Technical Proposal, and General Information sealed under a separate envelopes.

We accept your suggestions for the appointment of Adjudicator, as set out in Bidding Data.

We agree to abide by this bid until **91 days from the date of bid submission deadline**, and it shall remain binding upon us and may be accepted at any time before that date.

We confirm that, we (include all members of a joint venture and subcontractors) are not associated, directly or indirectly, with the consultant or any other entity in preparation of the design, specifications, and other documents for the contract.

If this offer is accepted, we will provide the specified Performance Security, commence the Works as soon as reasonably practicable after the Commencement Date, and complete the Works in accordance with the above-named documents within the Time for Completion. We will ensure that works will be done in conformity with the contract.

Unless and until a formal Agreement is prepared and executed this Bid, together with your written acceptance therefore, shall constitute a binding Contract between us.

We understand that you are not bound to accept the lowest offer or any other bid you may receive.

.....

Signature of the persons duly authorized to sign documents for and on behalf of .....

.....

Address: .....

.....

.....

Date: .....

**Section – VIII(c)**

**SCHEDULES – Related to Financial (Price) Proposal**

**Schedule C1 - Price Schedule**

*(enclose all price schedule in envelope marked, "**Envelope 3** – Financial (Price) Proposal")*

**Activity 1 : Preliminaries**

<b>Item No:</b>	<b>Sub-activity description</b>	<b>Amount (Rs.)</b>
1.1	Allow lump sum for providing Advance Security	
1.2	Allow lump sum for providing Performance Guarantee	
1.3	Allow for security, safety, storing facility etc	
1.4	Allow for water, electrical and any other power services	
1.5	Adapting and Practicing World Bank Environment, Health and Safety Procedures at site (pls refer requirements under "Employers' Requirements") – <b>Provisional Sum allocation</b>	<b>220,000.00</b>
<b>Item No:</b>	<b>Sub-activity description</b>	<b>Amount (Rs.)</b>
	<b>Any other Sub-activity (Bidder to include)</b>	
1.A1		
1.A2		
1.A3		
<b>Total for Activity 1 carried to summary</b>		

**Schedule C 1 - Price Schedule**

*(enclose all price schedule in envelope marked, "Envelope 3 – Financial (Price)Proposal")*

**Activity 2 : Design**

<b>Item No:</b>	<b>Sub-activity description</b>	<b>Amount (Rs.)</b>
2.1	Design of the proposal	
2.2	Quality control, planning, monitoring, testing and remedial measures	
	<b>Any other Sub-activity (Bidder to include)</b>	
<b>Total for Activity 2 carried to summary</b>		

<b>Schedule C 1 - Price Schedule</b>		
<i>(enclose all price schedule in envelope marked, " <b>Envelope 3</b> – Financial Proposal")</i>		
<b>Activity 3 : Construction Work</b>		
<b>Item No:</b>	<b>Sub-activity description (with fully completion upto operational level)</b>	<b>Amount (Rs.)</b>
3.1	Design and Built of Smart Classrooms(D1,D2,D3) as per the employer requirement under section vi “ Employer’s requirement”	
3.2	Design and Built of Self Access Centre(SAC) as per the employer requirement under section vi “ Employer’s requirement”	
3.3	Design and Built of Nawala Video Conference Room as per the employer requirement under section vi “ Employer’s requirement	
<b>Any other Sub-activity (Bidder to include)</b>		
<b>Total for Activity 3 carried to summary</b>		

**Note : Bidder can submit cost breakdown with reference to Item No 3.1, 3.2 and 3.3**



### Schedule C4 – Price Schedule

*If any item relevant to design which is not printed in the document, the bidder shall enter that item under “any other sub activity- bidder to include” and shall price it.*

*All items and/or works described in “Employer’s Requirement” to be implemented by the successful bidder within the total bid price.*

*Enclose all price schedules in envelope marked, **Envelope 3 – Financial Proposal***

*Sheet ..... of.....*

#### Summary

Activity No:	Activity description	Amount
1	Preliminaries	
2	Design	
3	Construction	
	Any other activity (bidder to include)	
A		
B		
	<b>Sub Total</b>	
	<b>Discount</b>	
	<b>Amount carried to Form of Bid</b>	
	<b>Add VAT 08%</b>	
	<b>Total</b>	

**Signature of bidder**

**Seal**

**Date**

