



**UVA WELLASSA UNIVERSITY OF  
SRI LANKA**

**WORKS UNDER  
NATIONAL COMPETITIVE BIDDING PROCEDURE**

**INVITATION FOR BIDS  
FOR THE PROCUREMENT**

**OF  
CONSTRUCTION OF LECTURE HALLS FOR  
FACULTY OF APPLIED SCIENCES – STAGE III**

**AHEAD PROJECT**

**UWU/AHEAD/RA1/FAS/NCB/WORKS/03**

**Bidder's Name:** .....

**Address:** .....

**Date:** .....

**Non-refundable fee receipt no. & date:** .....

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**INVITATION FOR BIDS**

## INVITATION FOR BIDS

### Uva Wellassa University of Sri Lanka

1. The Chairman, Procurement Committee, on behalf of the Uva Wellassa University of Sri Lanka invites sealed bids from eligible and qualified bidders for the Construction of Lecture Halls for Faculty of Applied Sciences – Stage III, AHEAD Project / Uva Wellassa University of Sri Lanka as described in section - 4 and total civil cost (without VAT ) is Rs.15.34 Million Rupees.
2. Bids are invited through the National Competitive Bidding Procedure. Since the total cost estimate of this construction work does not exceed Rs.50.00 million, the Provincial preference and CIDA grade preference shall apply as stipulated in Circular No. 4/2016 (ii) of the Ministry of Finance.
3. To be eligible for contract award, the successful bidder shall not have been blacklisted and shall meet the C5 and C6 CIDA registration, specializes in building construction in Uva Province as per the Public Finance Circular dated 18/02/2021.
4. Following qualifications will be considered when evaluating the bids
  - Experience in completion of at least one work of similar nature amounting to Rs 13.5 Million during the last five years.
  - Average value of turn over maintained in last five years should be Rs.32.17 Million
  - Financial capability & stability.
  - Financial & physical progress.
  - Qualification information table in section 4 in this document shall be duly filled. That will be considered during the evaluation process.
5. Bidder should register under the public contract Act No.03 of 1987 for works that have a civil work value of Rs.5.00 million and above and the certificate of registration should be submitted along with the bid. Bids without the certificate of registration will be rejected.
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/OTS), Uva Wellassa University of Sri Lanka from 28<sup>th</sup> March 2022 to 12<sup>th</sup> April 2022 during working hours upon payment of a non-refundable fee of Rs 3,500.00. The method of payment will be in cash. Bid documents can be inspected free of charge.
7. All bids shall be accompanied by a bid security. If bid security is paid in cash the amount should be Rs.154,000.00. Bid Security shall be accompanied by an unconditional on demand bank guarantee obtained from a commercial bank approved by the central bank of Sri Lanka in accordance with the approved format included in Section 9 (Standard Forms). Bid security should be valid up to 25<sup>th</sup> July 2022.

8. Duly completed bid documents with a duplicate set should be submitted to the relevant Procurement committee before 4.00 p.m. on 18<sup>th</sup> April 2022 and the bid documents shall be marked as “Original” and “Duplicate” (Duplicate should be a certified photocopy of the original) in separate covers and two covers shall be placed in single sealed cover marked the name of relevant work at the top left side corner. The sealed bid document should be sent either by registered post addressed to The Chairman, Procurement Committee, Uva Wellassa University of Sri Lanka or placed in the tender box kept at the office. Late bids will be rejected.
9. Interested bidders may obtain further information either from Deputy Director Procurement, Uva Wellassa University of Sri Lanka (055-3127378).
10. Bids shall be valid up to 25<sup>th</sup> July 2022.
11. Bids will be opened at 2.00 p.m. on 18<sup>th</sup> April 2022 at the Uva Wellassa University of Sri Lanka in the presence of the bidder’s representatives who choose to attend.
12. Pre-Bid Meeting will be held on 30<sup>th</sup> March 2022 at 2.00 p.m. at the office of Deputy Director Procurement, Uva Wellassa University of Sri Lanka.
13. Sri Lanka and subsequently site visit will be arranged at which prospective Bidders may request clarification of the project requirements.
14. Method of Evaluation and Selection: Bids shall be evaluated separately and accordingly substantially responsive lowest evaluated bidder will be selected for the award.
15. The procurement committee retains the full right to either accept or reject any eligible one from among the bids received and the decision of the procurement committee in this regard shall be the final.

The Chairman  
Procurement committee  
Uva Wellassa University of Sri Lanka

# **SECTION 1**

## **INSTRUCTIONS TO BIDDERS (ITB)**

Instructions to bidders that will be applicable for this bidding document is that given in Section-1 of the Standard Bidding Document for Procurement of Works, ICTAD Publication No. CIDA/ SBD/01, published by the Construction Industry Development Authority (CIDA). And Addendum No. 1 issued October 2009 to the above document by CIDA

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FORM OF LETTER OF ACCEPTANCE

[Letter heading paper of the procuring entity]

.....  
[date]

To: .....

[name and address of the Contractor]

This is to notify that your bid dated .....for the construction and remedying defects of the ..... for the Contract price of .....as corrected in accordance with Instructions to Bidders and / or modified by a Memorandum of Understanding is hereby accepted.

The adjudicator shall be Institute of Engineers Sri Lanka (IESL).

You are hereby instructed to proceed with the execution of the said Works in accordance with the Contract documents.

1. The Start Date of Construction work shall be .....
2. The Date of completion of construction work shall be .....
3. Contract Period is .....
4. On demand performance security drawn in favor of ..... issued by a reputed Bank approved by the Sri Lanka Central Bank or Insurance Company mentioned in Procurement Guide Line issued by National Procurement Agency.
  - 4.1 The amount of Performance Security is .....
  - 4.2 The validity period of Performance Security is .....
  - 4.3 Depositing .....in cash at.....
5. Bidder should submit following documents to the .....on or before .....to sign the agreement.
  - a. The original copy of Performance Security mentioned in No. 04.
  - b. CIDA Registration Book (Three Photocopies Certified by the Bidder)
  - c. VAT Registration Certificate (Three Photocopies Certified by the Bidder).
  - d. National Identity Card (Three Photocopy Certified by the Bidder)
  - e. Business Registration Certificate (Three Photocopies Certified by the Bidder)
  - f. If the business is a joint venture, copy of such registration certificate along with the letter of consent by the business partners (certified by a JP) to sign the agreement (Three Photocopies Certified by the Bidder)
  - g. Time Frame of the construction from the Beginning to the End.
  - h. Expected Monthly cash flow according to construction Time Frame period. (Expected monthly payment.)

6. The Bidder is the liable to get an advance payment of 30% of the Civil Cost of Agreement by forwarding an Advance security drawn in favour of the .....issued by a Bank approved by Sri Lanka Central Bank.
7. The awarded Bid will be cancelled if you fail to sign the agreement on or before..... Without any notice. The Refundable Deposit or the Bid Security will the forfeited by the ..... and your name will be black listed.
8. You should inform in writing, the .....with copy to the Vice Chancellor of Uva Wellassa University, regarding commencement of construction work.

The .....will make arrangements to nominate a Technical Officer to assist and guide to you. Daily work of construction should be noted in the Log book and Measurement book at Site. Certified copy of log notes and measurement sheet should be attached to the bills at the time of interim payment.

9. The submission of monthly interim payment for the work completed is the responsibility of the contractor and such bills should be forward to Vice Chancellor of Uva Wellassa University through the.....

Copies of the covering letter of submission of payment to be sent to the Vice Chancellor, Uva Wellassa University.

10. Although the date of commencement is stated as ..... the bidder has the permission to mobilize at the site and carry out the primary works of construction as per the instruction given by the.....
11. Please be informed you that the construction work should be completed with agreed quality and scheduled time.

Authorized Signature: .....

Name and title of Signatory: .....

Name of Agency: .....

## AGREEMENT

THIS AGREEMENT, made on the .....between the..... whose registered office is at (hereinafter called the “Employer”) on one-part and..... (Hereinafter called the Contractor”) on the other part.

WHEREAS the Employer desires that the Contractor execute..... (Hereinafter called and referred to as “the Works”) and the employer has accepted the Bid by the Contractor for the execution and completion of such Works and remedying of any defects therein.

The Employer and the Contractor agree as follows:-

01. In this Agreement, words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to, and they shall be deemed to form and be read and construed as part of this Agreement viz :-
  - a. Employer’s Requirements
  - b. The Schedule
  - c. Conditions of Contract & Specification
  - d. Other Relevant Correspondence (Letter of Acceptance)
02. In consideration of the payments to be made by the Employer to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Employer to execute and complete the Works and remedy any defects therein in conformity in all respects with the provisions of the Contract.
03. The Employer hereby covenants to pay the Contractor in consideration of the execution and completion of the Works and remedying any defects wherein, a sum of .....without VAT .....being 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 in the Contract.

In Witness whereof the parties thereto have caused this Agreement to be executed the day and year aforementioned, in accordance with laws of Sri Lanka.

Authorized Signature of the Employer

Authorized Signature of the Contractor

.....  
Employer

.....  
Contractor

N.I.C: .....

*Witness :*

*Witness :*

1. Name :.....  
Signature :.....  
Address :.....  
N.I.C: :.....

1. Name :.....  
Signature :.....  
Address :.....  
N.I.C :.....

2. Name :.....  
Signature :.....  
Address :.....  
N.I.C: :.....

2. Name :.....  
Signature :.....  
Address :.....  
N.I.C :.....

# FORM OF PERFORMANCE SECURITY

(Unconditional)

-----  
*[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 Contractor]* (hereinafter called "the Contractor") has entered into Contract No. -----  
---- *[reference number of the contract]* dated ----- with you, for the -----  
*[insert "construction"]* of ----- *[name of contract and brief description of Works]* (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 Contractor, 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]*, 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 Intended Completion Date]* and any demand for payment under it must be received by us at this office on or before that date.

-----  
*[signature(s)]*

**FORM OF ADVANCE PAYMENT SECURITY**

----- [ Name and address of Agency, and Address of Issuing Branch or Office]

**Beneficiary:** ----- [Name and Address of Employer]

**Date:** -----

**ADVANCE PAYMENT GUARANTEE No.:** -----

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

Furthermore, we understand that, according to the conditions of the Contract, an advance payment in the sum ----- [amount in figures] (----- [amount in words]) is to be made against an advance payment guarantee.

At the request of the Contractor, we ----- [name of issuing agency] hereby irrevocably undertake to pay you any sum or sums not exceeding in total an amount of ----- [amount in figures] (----- [amount in words]) 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 in repayment of the advance payment under the Contract.

The maximum amount of this guarantee shall be progressively reduced by the amount of the advance payment repaid by the Contractor.

This guarantee shall expire on ----- [ Insert the date, 28 days beyond the expected expiration date of the Contract]

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

\_\_\_\_\_  
[signature(s)]

**SECTION -3**  
**CONDITIONS OF CONTRACT**

## Section 3 A - Particular Conditions of Contract

### Clause 60      **General Provisions**

#### Sub-clause

#### 60.2            **Definitions**

**Replace the Sub-Clauses 60.2 with the following new Sub-Clauses 60.2**

**60.2** If the Contract is terminated for the Employer's convenience or because of a fundamental breach of Contract by the Employer, the Engineer shall issue a certificate for the value of the work done, Materials ordered, the reasonable cost of removal of Equipment, repatriation of the Contractor's personnel employed solely on the Work, the Contractor's Costs of protecting and securing the Works and less advance payments outstanding up to the date of the certificate.

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**SECTION 4**  
**FORM OF BID AND**  
**QUALIFICATION INFORMATION**

**FORM OF BID**

Name of the Contract: **Construction of Lecture Halls for Faculty of Applied Sciences – Stage III**  
**AHEAD Project, Uva Wellassa University of Sri Lanka**

The Chairman  
Procurement committee  
Uva Wellassa University of Sri Lanka

Gentleman,

1. Having examined the Standard Bidding Document - Procurement of Works [CIDA/SBD/01, Second Edition, January 2007], Bidding data & Contract data, Specifications, Drawings and Bills of Quantities and addenda for the execution of the above-named Works, we/I the undersigned, offer to execute and complete such Works and remedy any defect therein in conformity with the aforesaid Conditions of Contract, Schedule, Specifications, Drawings, Bill of Quantities and Addenda for the sum of Sri Lankan Rupees ..... (LKR .....) or such other sums as may be ascertained in accordance with the said Conditions.
2. We/I acknowledge that the Schedule forms part of our Bid.
3. We/I undertake, if our Bid is accepted, to commence the Works as stipulated in the Schedule, and to complete the whole of the Works comprised in the Contract within the time stated in the Schedule.
4. We/I agree to abide by this bid for the period stated in the Sub-Clause 15 of Instructions to Bidders or any extended period and it shall remain binding upon us and may be accepted at any time before the expiration of that period.
5. 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/me.
6. We accept / we do not accept the Adjudicator.
7. We/I understand that you are not bound to accept the lowest or any Bid you may receive.

Dated this ..... day of ..... 20.... in the capacity of ..... duly authorized tenders for and on behalf of .....

(IN BLOCK CAPITALS)

Signature: .....  
Name: .....  
Designation: .....  
Address: .....  
Witness: .....

**QUALIFICATION AND GENERAL INFORMATION**  
(To be completed and submitted by the bidder, with the Bid)

**Qualification Information**

**Note-Filling this document is compulsory requirement**

<b>CIDA Registration</b>	
Registration number	..... Attach copies of relevant pages from the registration book
Grade (C5 & C6)	
Specialty	Buildings
Expiry Date	
<b>Qualifications</b>	(Details should be submitted as per ITB Clause No.4.4).
<b>Blacklisted Contractors</b>	
Have you been declared as a defaulted contractor by NPA or any other Agency? (Yes/ No)	
If yes provide details	
<b>VAT Registration Number</b>	
<b>Construction Program</b>	Attach as annex
<b>Legal status</b>	Attach relevant status copies, as annex
<b>Value of construction works performed in last 5 years</b>	(Attach copies of certificate of completion and relevant Certificates etc. and other documents such as profit-loss and income expenditure statement)
Year .....	
Year .....	
Year .....	
Year .....	
Year .....	
<b>Value of similar works completed in last 05 years</b>	Attach copies of Certificate of Completion etc., as annex__
Experience in completion of at least one work of similar nature amounting to Rs.13.5 Million during the last five years.	
Year .....	
Year .....	
Year .....	
Year .....	
Year .....	
<b>Major items of construction equipment proposed</b>	
<b>Qualification and experience of key staff – Site &amp; Head Office</b>	Attach as annex
<b>Financial Capabilities</b>	Attach copies of Audited financial statements of last 5 years
<b>Other information requested under ITB Clause 4</b>	Average value of turn over maintained in last five years should be Rs.32.17 Million Rupees. (Attach copies of Audited financial statements of last 5 years)
<b>Written power of attorney of the signatory to the Bid</b>	Provide original or certified copy of the power of attorney attested by a Notary and label as attachment to Appendix

**SECTION - 5**  
**BIDDING DATA & CONTRACT DATA**

## BIDDING DATA

### Instructions to Bidders

#### Clause Reference

(1.1)	<p>The Employer's Name and Address</p> <p style="padding-left: 40px;">Name: Vice Chancellor, Uva Wellassa University of Sri Lanka</p> <p style="padding-left: 40px;">Address: Uva Wellassa University of Sri Lanka, Passara Road, Badulla.</p>
(1.1)	<p>Scope of Works:</p> <p>Construction of Lecture Halls for Faculty of Applied Sciences – Stage III, AHEAD Project, Uva Wellassa University of Sri Lanka</p>
(1.2)	<p>Time for completion</p> <p>Intended Completion Date is 4 months from the Commencement</p>
(1.3)	<p>The office for collection of bid forms is AHEAD/OTS Office, Uva Wellassa University of Sri Lanka, Passara Road, Badulla.</p> <p>The non-refundable fee is Rupees 3,500.00, payable in cash.</p> <p>The Bid forms will be issued from 28<sup>th</sup> March 2022 to 12<sup>th</sup> March 2022 at 8.30 A.M to 4.00 p.m.</p>
(2.1)	<p>Source of Funds: AHEAD Funds</p>
(4.2)	<p>The Registration Required</p> <p style="padding-left: 40px;">Specialty: Building construction (Uva Province)</p> <p style="padding-left: 40px;">Grade: C5 &amp; C6</p>
(4.3)	<p>Qualification Information</p> <p>The following information shall be provided.</p> <p>* CIDA Registration;</p> <p style="padding-left: 40px;">Registration number .....</p> <p style="padding-left: 40px;">Grade .....</p> <p style="padding-left: 40px;">Specialty .....</p> <p style="padding-left: 40px;">Expiry Date .....</p> <ul style="list-style-type: none"> <li>• VAT Registration number .....</li> <li>• Construction Programme</li> <li>• Legal Status (Sole proprietor, Partnership, Company etc.)</li> <li>• Total monetary value of construction work performed for each of the last five years</li> <li>• Experience in works of a similar nature and size for last five years</li> <li>• Major items of construction equipment proposed to carry out the contract</li> <li>• Qualifications and experience of key site management and technical personnel proposed for the contract;</li> </ul> <p>Any other</p>

(4.4)	<ul style="list-style-type: none"> <li>• Average value of turn over maintained in last five years should be Rs.32.17 Million. (Relevant supporting documents such as financial statements for last five years, certified copy of CIDA registration book to confirmed the works carryout in last 5 years etc. should be attached with the bid)</li> <li>• Minimum one building Project of similar nature Rs. 13.50 Million should be completed during last five years. (Relevant supporting documents such as BOQ, agreement, letter of award, completion certificate etc. should be attached with the bid)</li> </ul> <p>Qualifications and experience of the contract manager Technical Officer having qualifications at least NCT or equivalent with 5 years' experience in building construction. (cv should be attached)</p> <p>Credit Facilities required The minimum amount of 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 Rs 16.09 million. (Audit balance sheet, credit facility letter from bank etc. Should be attached)</p>
(9.1)	<p>Clarification of Bidding Documents AHEAD/OTS Office, Uva Wellassa University of Sri Lanka, Passara Road, Badulla. Phone:055 3127378 Fax; 055 2226400</p>
(11.1)	<p>The language of the bidding document shall be English.</p>
(13.2)	<ul style="list-style-type: none"> <li>• The bidder shall fill in rates &amp; price for all items of the works described in the Bill of Quantities. Items for which no rate or price is entered by the bidder will not be paid for by the employer when executed &amp; shall be deemed covered by the other rates &amp; prices in the Bill of Quantities.</li> <li>• If bidder observes the preliminary items &amp; sums are not adequate or not included, the cost of the sum should be included to the quoted rates.</li> </ul>
(13.3)	<ul style="list-style-type: none"> <li>• 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 BOQ.</li> <li>• Contractor is entitled only for the payment of VAT as a government tax.</li> </ul>
(13.4)	<p>Adjustment for Change in Cost The Contract is subjected to price adjustment in accordance with Clause no.47 of the Conditions of Contract.</p>
(15.1)	<p>Period of Bid Validity-Up to 25<sup>th</sup> July 2022</p>

(16.2)	<p>Amount of Bid Security</p> <p>The Amount of Bid Security should be Rs.154,000.00. If the Bid Security is not paid in cash, a Bid Bond should be attached to the Bid and the Bid Security should be submitted only by a unconditional on demand Bank Guarantee, obtained from a commercial bank approved by the Central Bank of Sri Lanka.</p>
	<p>Validity of Bid Security</p> <p>Bid security should be valid up to 25<sup>th</sup> July 2022</p> <p>Bid Security shall be an unconditional on demand Bank guarantee obtained from a commercial bank approved by the central bank of Sri Lanka in accordance with the approved format included in Section 9 (Standard Forms)</p>
(17.0)	<p>Pre Bid Meeting: -</p> <p>Date and Time: 30<sup>th</sup> March 2022 at 2.00 p.m.</p> <p>Venue: Admin Board Room</p>
(19.2) a	<p>The Employer's address for Bid submission</p> <p>Uva Wellassa University of Sri Lanka, Passara Road, Badulla.</p>
(20.1)	<p>Deadline for submission of Bids</p> <p>Deadline for submission of Bids - Before 2.00 p.m. at 18<sup>th</sup> April 2022</p>
(23)	<p>Bid Opening Venue, time and date of bid opening:</p> <p>Venue: Uva Wellassa University of Sri Lanka, Passara Road, Badulla.</p> <p>Date: 18<sup>th</sup> April 2022                      Time 2.00 p.m.</p>
(34.0)	<p>Amount of Performance Security</p> <p>The Standard Form of Performance Security as per standard forms (contract) included in Section 2 acceptable to the Employer shall be an unconditional on demand Bank guarantee, obtained from a commercial bank approved by the Central Bank of Sri Lanka.</p> <p>The amount of Performance Security is 5% of the Initial Contract Price</p>
(35.0)	<ol style="list-style-type: none"> <li>1. The Employer shall make advance payment to the Contractor depending on mobility of site amounting 30% of the Initial Contract Price excluding provisional sums and contingencies, against the unconditional &amp; on demand Bank Guarantee as per standard forms (contract) included in Section 2 obtained from a commercial bank approved by the Central Bank of Sri Lanka.</li> <li>2. The advance payment shall be recovered by deducting proportionate amounts from each interim payment. The advance payment shall be recovered in full when the total certified value of work reaches 90% of the Initial Contract Price.</li> </ol>
(36.0)	<p>During the adjudication, neither parties shall be represented by attorney at law. The "Adjudicator" shall be appointed by the request of either the Employer or the Contractor. Fees and types of reimbursable expenses to be paid to the Adjudicator shall be on a case to case basis and shall be shared equally by the contractor and the employer.</p>

## CONTRACT DATA

*(Please note that the Clause nos. given hereunder are that of Conditions of Contract)*

<b>(1.1)</b>	The Employer is  Name: Vice Chancellor - Uva Wellassa University of Sri Lanka Address: Uva Wellassa University of Sri Lanka, Passara Road, Badulla
<b>(1.1)</b>	The Engineer is  Name: Deputy Director - Engineering  Address: Uva Wellassa University of Sri Lanka, Passara Road, Badulla
<b>(1.1)</b>	The Works consists of : Construction of Lecture Hall for Faculty of Applied Sciences - Stage III at Uva Wellassa University of Sri Lanka, Passara Road, Badulla.
<b>(1.1)</b>	The Start Date shall be within 14 Days from the Letter of Acceptance.
<b>(2.3)</b>	The following documents also form part of the Contract: 1. The bidder needs to adhere the safety, health and environmental guidelines of AHEAD 2. _____
<b>(8.1)</b>	Schedule of other contractors:
<b>(9.1)</b>	Schedule of Key Personnel:  Minimum persons with qualifications and experience to be defined, (a) Technical  _____ _____  (b) Manager  _____ _____
<b>(13.1)</b>	The minimum insurance covers shall be:  (a) •The minimum cover for insurance of the Works and of Plant and Materials is <u>110%</u> of Initial contract price  •The maximum deductible for insurance of the Works and of Plant and Materials is 5% of Initial contract price  (b) •The minimum cover for loss or damage to Equipment is



	<p>Depending on the type of equipment to cover the replacement cost</p> <ul style="list-style-type: none"> <li>The maximum deductible for insurance of Equipment is 5% of the minimum cover for equipment</li> </ul> <p>(c) The minimum cover for insurance of other property (other than the Site) is Rupees 1,000,000.00</p> <p>(d) The minimum cover for personal injury or death, For third party and employees of the Employer and other persons engaged by the Employer in the Works is Rupees 1,000,000.00 per event</p>			
<b>(13.2)</b>	<p>(a) The minimum cover for personal injury or death,</p> <ul style="list-style-type: none"> <li>for the Contractor's workmen is Rupees 500,000.00/- per event</li> <li>Contractor's employees other than workmen is Rupees 1,000,000.00/- per event</li> </ul>			
<b>(17.1)</b>	The Intended Completion Date for the whole of Works shall be 4 months from the Commencement			
<b>(21.1)</b>	The Site Possession Date shall be within 14 Days from Letter of Acceptance			
<b>(27.1)</b>	The Contractor shall submit a programme for the Works within 14 Days of delivery of the Letter of Acceptance.			
<b>(27.3)</b>	The period between Programme update is monthly			
<b>(35.1)</b>	The Defects Liability Period (DLP) is 12 months from the completion date.			
<b>(44.1)</b>	<p>The following events shall also be Compensation Events:</p> <p>1. _____</p> <p>2. _____</p>			
<b>(47.1)</b>	<p>The Contract Price is subjected to price adjustment</p> <p>Weightings of Inputs</p>			
		Indices No.	Input Name	Input Percentage
		.....	.....	.....
		.....	.....	.....
		.....	.....	.....
		.....	.....	.....

		Total	90%	
	<p>Non-adjustable element shall be:</p> <p>BOQ Item Numbers: ....., ....., ....., ....., ....., ....., ....., ....., ....., .....</p>			
<b>(48.1)</b>	<p>The retention from each payment shall be 10% of the certified work done.</p> <p>The limit of retention shall be 5% of the Initial Contract Price.</p>			
<b>(49.1)</b>	<p>The liquidated damages for the whole of the Works shall be 0.05% of Initial Contract Price per Day.</p>			
<b>(50.1)</b>	<p>The maximum amount of liquidated damages for the whole of the Works shall be 5% of the Initial Contract Price.</p>			
<b>(52.1)</b>	<p>The Performance Security shall be 5% of the Initial Contract Price and should be an unconditional on demand Bank guarantee (as per standard forms (contract) included in Section 2), obtained from a commercial bank approved by the Central Bank of Sri Lanka.</p>			
<b>(60.1)</b>	<p>The percentage to apply to the value of the work not completed, representing the Employee's additional cost for completing the works is 10%</p>			

**SECTION 6**  
**SPECIFICATIONS**

## **GENERAL SPECIFICATIONS**

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General specifications that are applicable to this project are listed below:

The specifications should require that all goods and materials to be incorporated in the works be new, unused, of the most recent or current models, and incorporated all recent improvements in design and materials unless provided otherwise in the Contract.

All works covered under this Contract shall conform to the following CIDA specifications

SCA / 3 / 3	-	Reclamation Works
SCA / 3 / 4	-	Ground Water Exploration & Exploitation
SCA/4	-	Building works (Vol-1)
SCA/4/11-		Building works (Vol-11)
SCA/8	-	Electrical & Mechanical works
ICTAD/DEV/17		Specification for Site investigation for Building Works & Sample Bill of Quantities

**Building works** As per specification for Building Works – Sri Lanka – Volume I (SCA/4 (Volume I) 3<sup>rd</sup> Edition (revised) – July 2007) published by Institute for Construction Training and Development (ICTAD). The recommended timber species should be as per Annexure I  
As per specification for Building Works – Sri Lanka – Volume II (SCA/4 (Volume II) Latest edition published by Institute for Construction Training and Development (ICTAD)

Copies of the above ICTAD Publications shall be purchased from the Institute for Construction Training and Development (ICTAD), “Sausiripaya”, No.123, Wijerama Mawatha, Colombo 7.

### **1.0 Concrete mix details**

- (a) Concrete grade: 20 N/mm<sup>2</sup>
- (b) Maximum size of aggregate: 20 mm
- (c) Minimum cement content : 380 kg/ m<sup>3</sup>
- (d) Maximum temperatures during placement: 34°C (Max.)
- (e) When testing concrete works as per Clause 3.11, the 28-day strength of 3 cubes made from the same sample shall exceed the characteristic strength by an amount 3.0 N/mm<sup>2</sup>. Minimum strength of any cube shall not be less than 90% of the characteristic strength specified for concrete.

### **2.0 Reinforcement details**

- (a) Grade of Reinforcement: 460 N/mm<sup>2</sup>
- (b) Length, diameter and other details of reinforcement:
  - Standard length – 12 m
  - Diameters – 10 mm, 16 mm and 20 mm

**SECTION - 7**  
**PREAMBLE TO BILL OF**  
**QUANTITIES**

## **PREAMBLE TO BILL OF QUANTITIES**

1. In the Bill of Quantities, the item description identifies the work covered by the respective items, but the exact nature, location and extent of the work to be performed is to be ascertained by references to the Drawings, Specification and Conditions of Contract as the case may be, read in conjunction with the relevant measurement clauses and confirmed by the Engineer.
  
2. The rates and prices entered in the Bill of Quantities shall be deemed to be the full inclusive value of the Works covered by the items in the Bill of Quantities including but not limited to the following unless expressly stated otherwise:
  - A. The supply of labour equipment and all costs in connection therewith:
  - B. The supply of materials, goods, storage, handling and cost in connection therewith including waste and delivery to site.
  - C. Setting out, providing and maintaining of all survey markers, monuments etc.
  - D. Establishment and operation of all types of quarries borrow pits etc. and their maintenance and reinstatement of these including expenses connected with royalties, compensation etc.
  - E. Testing of materials including transport, sampling and submission of test reports.
  - F. All temporary works:
  - G. Repairs to any damages caused due to weather or other effects.
  - H. Maintenance of the works and portions of the site taken over by the Contractor.
  - I. All general obligations, liabilities and risks involved in the execution of the Works as set out in the Contract Documents:
  - J. Establishment charges, overheads and profits.
  - K. All duties, taxes and other levies payable by the Contractor under the Contract, or for any other cause, prevailing 28 days prior to the closing date for Submission of Tenders.
  
3. A price or rate shall be entered against each quantified or lump sum item, schedule etc., in the Bill of Quantities. The value of items, for which quantities are given, against which no price is entered shall be considered to be covered by or included in other prices or rates in the Bill of Quantities.
  
4. A rate shall not be entered against items for which quantities are not provided.
  
5. Value Added Tax (VAT) shall not be included in the rates or prices to be quoted. A provision shall be made for VAT in the summary sheet of the Bill of Quantities (BOQ). VAT shall not be considered in the evaluation of Bids.

6. A tender which groups several items together in the Bill of Quantities under one price, will not be accepted.
7. The quantities set out in the Bill of Quantities are the estimated quantities for the Works and they are not to be taken as actual and correct quantities of the Works to be executed by the Contractor in fulfilment of the obligations under the Contract. They are given in order that tenders submitted may be evaluated on an equal basis.
8. The Engineer shall, except as otherwise stated, ascertain and determine the value of the Works by measuring net in the units of Bills of Quantities such actual quantities of Permanent Works as have executed strictly in accordance with the Contract Documents or further instructions issued in writing by the Engineer. No Works shall be valued which have been executed in excess of the dimension shown on the Drawings or ordered by the Engineer. In particular no working space, temporary works or the operation of constructional plant will be considered unless otherwise directed or shown or detailed in the Contract Documents and Drawings. The measurement of all completed Works shall be as detailed in the Specification and elsewhere in the Contract Documents. The quantity of Work satisfactorily completed under the various items of the Bill of Quantities shall be agreed between the Contractor and the Engineer. Failing such agreement, the quantities as determined by the Engineer shall be final and binding on the Contractor and payment shall be made accordingly.
9. Items marked “Provisional” in the Bills of Quantities are provisional and shall not be executed unless instructed by the Engineer. They may be expended wholly or in part as instructed by the Engineer.
10. Measurement in longitudinal direction for area or volume shall be taken along the centre line of the road. For area of one square metre or less there shall not be deduction for individual fixtures in the pavement. Measurement in transverse direction for area or volume shall be taken horizontally as indicated in the Drawings or as determined by the Engineer.

Unless otherwise provided measurements for structures shall be in accordance with dimensions shown on the Drawings or as determined by the Engineer.

While computing volumes for excavation, embankment and borrow, the average end area method shall be applied and the intervals of sections, unless specified, shall be agreed by the Contractor and the Engineer as reasonably representing the shape.

Unless otherwise provided, all items for linear metre such as pipes, guard rails etc. shall be measured parallel to the base or foundation upon which such structures are placed.

Where the Pay Unit for any structure is specified as a lump sum, such lump sum will be payable in respect of each specified structure constructed. The Contractor shall submit a schedule showing the breakdown for stage payment of all Lump sum items for the approval of the Engineer. The engineer shall accept or vary the Contractor’s submission and his decision on the breakdown of Lump Sum items shall be final.

Where units of measurements are given in months or weeks, the rate quoted shall be for a full calendar month or week. A part of a month or of a week shall be determined based on the number of calendar days in the particular month or week under consideration.
11. The substitution of equivalent imperial dimensions for those specified will be allowed subject to the approval of the Engineer. The rates stated in the Tender shall be deemed to apply to

materials to the specified dimension, unless the Contractor states at the time of tender his intention to use imperial equivalents. Subsequent to the Tender, rates shall be deemed to cover such equivalents. Subsequent to the Tender any items to alternative dimension submitted by the Contractor shall be subject to the Engineer's approval but in no case will an alternative involving increase in the Contract Price be accepted.

12. The units of measurement described in the Bill of Quantities are metric units. Abbreviations used in the Bill of Quantities are as follows:

km	Kilometre
L. m.	Linear metre
cm	Centimetre
mm	Millimetre
Sq. m.	Square metre
Cu. m.	Cubic metre
Nos.	Number
kg	Kilogram
M.T.	Tonne (1000 Kilograms)
Ltr.	Litre
ha.	Hectare
hrs.	Hours
L.S.	Lump Sum
P.S.	Provisional Sum
km. wk	Kilometre Week

13 Separate items are not provided for the following which are deemed to be included in the Contract Price:

- A. Construction and maintenance of any deviation or access roads and all expenses incurred due to passing of the traffic through or around the Site;
- B. Cost of negotiations for any land required by the Contractor in addition to that made available to him free of charge;
- C. The subsequent removal of the Contractor's site accommodation and quarrying facilities and the reinstatement of the area on completion of the Contract;
- D. Water supply and services.

14 The schedule of Rates for Labour, Equipment and Materials for Day works shall be for Payment for Works instructed to be performed under the provisions of Contract



Conditions. The rates shall be payable only for actual labour and equipment time worked and materials used

The Rates for Labour and equipment shall include all supervision, tools, consumables (including fuel and lubricants), overtime premiums, overheads, profit and all other costs. The rates for equipment shall include provision of driver, operator or attendant, servicing and maintenance. Actual working time of equipment shall not include periods when the equipment is idling or is broken down (i.e. non operational)

The Rates for Material shall be the cost of purchase, including any customs duty, freight, handling, transportation and all expenses incurred bringing the material to site but exclusive of VAT. Payment for materials actually used in Day works shall be at the schedule Unit Rates and at the percentage rate stated which shall be in respect of all other costs incurred and profit. The percentage rate is applicable to the Materials rate only and is not applicable to Labour or Equipment Rates

- 15 In the event the Contract overruns the stipulated contract period due to any fault of the Contractor, and it is required to continue with the contract for an extended period, all facilities required for the Engineer and his staff, such as office, housing, vehicles, laboratory testing facilities etc, shall continue to be provided by the Contractor at his own cost. Cost of all extensions required for Insurance, Bonds etc shall be borne by the Contractor.
- 16 The Contractor shall deemed to have satisfied himself as to the correctness and to the sufficiency of his rates and prices quoted in the Bill of Quantities, all of which shall, except in so far as it is otherwise provided in the contract, cover all his obligations under the contract and all matters and things necessary for the proper execution and completion of the works and the remedying of any defects

**SECTION - 8**  
**BILLS OF QUANTITIES**

**PROPOSED LECTURE THEATRE COMPLEX FOR FACULTY OF APPLIED SCIENCES  
STAGE III**

ITEM	DISCRIPTION	UNIT	QTY	RATE	AMOUNT
<b>1.0a - GROUND FLOOR</b>					
<b>A</b>	<b>PRELIMINARIES</b>				
	Note : Following items to be priced as appropriate.				
	<b>Insurance and Securities</b>				
A-1	Allow sum for Providing a Performance Security	Ps	1.00	30,000.00	30,000.00
A-2	Allow sum for providing an Advance Payment Security	Ps	1.00	55,000.00	55,000.00
A-3	Allow sum for contractor's all risk insurance for Works, Machinery & Equipment, Plant, Materials, third party persons & property and Employer's personnel & property at site as per the Contract.				
A-4	Allow sum for insurance against accidents and injury to Contractor's personnel as per the Contract.				
	<b>Engineer's /Contractor's Facilities</b>				
A-5	Allow sum for constructing, maintaining, dismantling and removal on completion of the works, a temporary building for Contractor's site office including necessary, sanitary facilities, electricity and other facilities and providing services throughout the period of construction.(3m X 6m Size)	Ps	1.00	40,000.00	40,000.00
	<b>Quality, Standards and Progress</b>				
A-6	Allow lump sum for all cost in connection with testing materials/works, preparing samples for testing, making arrangements for testing of Materials, Goods etc, as stipulated in the specification, obtaining test reports and submitting the same to the Engineer.	Ps	1.00	20,000.00	20,000.00
	<b>Health, Safety and Environment</b>				
A-7	Allow lump sum for providing and maintaining first aid box and regular supply of medicine, linen etc.	Ps	1.00	12,000.00	12,000.00

A-8	Allow lump sum for providing all necessary safety measures to workmen at site conforming to the latest industrial safety regulations and as directed by the Engineer.	Ps	1.00	25,000.00	25,000.00
A-9	Allow lump sum for making adequate provision against air and noise pollution of surrounding areas. Hoarding and dust screens shall be provided to control dust escaping to surrounding areas.	Ps	1.00	15,000.00	15,000.00
A-10	Allow lump sum for compliance of World Bank and AHEAD Health, Environmental and Safety procedures at site <b>Miscellaneous</b>	Ps	1.00	75,000.00	75,000.00
A-11	Allow lump sum for providing and maintaining a name board to the specifications and / or as directed by the Engineer.	Ps	1.00	9,000.00	9,000.00
<b>TOTAL CARRIED TO SUMMARY</b>					<b>281,000.00</b>
<b>B</b>	<b>EXCAVATION AND EARTH WORK</b> <b>Excavation</b>  Earth excavation in any material except rock requiring blasting, part return fill rammed and well consolidated. All excavations to be protected from rain/storm water runoff falling into the same by suitable means. Unsuitable material shall dispose to approved locations				
B-01	Excavation for <b>trench around the soakage pit and septic tank</b> up to its base level in any material except rock requiring blasting, <b>levelling and well ramed under foundation.</b> Materials within the site as directed <b>-Depth 0~1.5m</b> (Bank volume).	m <sup>3</sup>	1.80		
B-02	Excavation for <b>Foundation</b> in any material except rock requiring blasting, <b>levelling and well ramed under foundation.</b> Materials within the site as directed <b>-Depth 0~1.5m</b> (Bank volume).	m <sup>3</sup>	19.00		
B-03	Filling under floors by spreading, watering and compacting with approved quality Earth imported from outside in 150mm layers by machinery as directed (Cost of transport of earth should be added separately)	m <sup>3</sup>	13.70		
B-04	Item allow for transporting approved type of earth approx 13.7m <sup>3</sup> from within the premises	m <sup>3</sup>	1.00		
<b>TOTAL CARRIED TO SUMMARY</b>					

C	<b>CONCRETE</b>				
	<p>The Contractor shall refer the followings prior to pricing the items in this trade.</p> <p>a. All relevant drawings b. Specifications c. Pricing preambles d. Location</p> <p>All concrete shall be made dense with a vibrator. Rate shall include for plant for mixing, handling, hoisting, depositing, compacting, vibrating and curing making good after removal of form work and for any tests when necessary.</p> <p>OPC cement complied with relevant Sri Lanka standards and approved by Engineer shall be used.</p> <p>Rate shall include for mixing, placing, compacting with poker vibrator, levelling and curing.</p> <p>Reinforced in-situ Grade 25 concrete (R/F paid separately)</p>	note			
C-01	Mixing, placing, vibrating and curing 1:2½:5(25mm) concrete (Machine mixing). <b>For footings</b>	m <sup>3</sup>	2.70		
C-02	Mixing, placing, vibrating and curing 1:2½:5(25mm) concrete (Machine mixing). <b>For column shafts</b>	m <sup>3</sup>	3.70		
C-03	Mixing, placing, vibrating and curing 1:2½:5(25mm) concrete (Machine mixing). <b>For tie beams</b>	m <sup>3</sup>	2.10		
C-04	Mixing, placing, vibrating and curing 1:2½:5(25mm) concrete (Machine mixing). <b>For ground level slab</b>	m <sup>3</sup>	3.60		
C-05	Mixing, placing, vibrating and curing 1:2½:5(25mm) concrete (Machine mixing). <b>For first floor level beams</b>	m <sup>3</sup>	6.20		
C-06	Mixing, placing, vibrating and curing 1:2½:5(25mm) concrete (Machine mixing). <b>For First floor level slab</b>	m <sup>3</sup>	4.90		
	<b>Lintels</b>				

C-07	<b>225x150mm Lintels</b> in 1:2:4(20mm) cement concrete including formwork ( Reinforcement will be paid separately).	m	3.00		
	<b>Sill beams &amp; Stiffeners</b>				
C-08	<b>450x75mm Window sill</b> in 1:2:4(20mm) cement concrete including formwork ( Reinforcement will be paid separately).	m	11.00		
C-09	<b>115x225mm stiffness columns</b> in 1:2:4(20mm) cement concrete including formwork (Reinforcement will be paid separately).	m	1.20		
	<b>Pavement with Drain</b>				
C-10	<b>300 mm wide concrete drains with 900mm wide ramp</b> in 1:3:6(25mm) concrete with 225mm to 300mm average depth, 75mm thick base and side walls inclusive of 20mm thick cement rendering in 1:3 cement sand mix. Rate shall include necessary expansion joints, formwork and excavation. <b>On F block side</b>	m	6.90		
C-11	<b>900mm wide ramp</b> in 1:3:6(25mm) concrete with 150mm to 225mm average depth, 75mm thick base and side walls inclusive of 20mm thick cement rendering in 1:3 cement sand mix. Rate shall include necessary expansion joints, formwork and excavation. <b>To Front side</b>	m	6.70		
<b>TOTAL CARRIED TO SUMMARY</b>					
<b>D</b>	<b>FORM WORK</b>				
	Form work shall be provided with adequate struts, braces, ties, clamps and the like so as to maintain the dimensions, lines and levels shown in the drawings during the entire operation of placing and compacting the concrete and to prevent any sagging under the weight of wet concrete including any other super imposed loads which would be subjected to during construction.	note			
	<b>From footing level to first floor level using 16 mm thick plywood sheets</b>				
D-01	Supplying, fabricating, fixing and removing formwork using <b>15 mm thick plywood sheets for Column Footings.</b>	m <sup>2</sup>	7.20		

D-02	Supplying, fabricating, fixing and removing formwork using <b>15 mm thick plywood sheets</b> for <b>Column Shafts.</b>	m <sup>2</sup>	37.40		
D-03	Supplying, fabricating, fixing and removing formwork using <b>15 mm thick plywood sheets</b> for <b>Tie Beams.</b>	m <sup>2</sup>	13.50		
D-04	Supplying, fabricating, fixing and removing formwork using <b>15 mm thick plywood sheets</b> for <b>first floor level beams</b>	m <sup>2</sup>	42.00		
D-05	Supplying, fabricating, fixing and removing formwork using <b>15 mm thick plywood sheets</b> for <b>Ground floor level Slabs.</b>	m <sup>2</sup>	33.50		
<b>TOTAL CARRIED TO SUMMARY</b>					
<b>E</b>	<b>REINFORCEMENT</b>				
	Steel bar reinforcement cut, bend, place and tie in position as reinforcement to RCC work. Tor Steel characteristic strength 460 N/mm <sup>2</sup> and Mild Steel characteristic strength 250 N/mm <sup>2</sup> to be used as reinforcement to RCC works.	note			
	Rates shall be included for cutting, bending, fabricating, placing in position, holding and temporary fixing supports. Ex: chairs, benches, stools, spaces, ties, hangers and binding wires.	note			
	Supplying, cutting, bending, laying and binding (with 16 BWG binding wires) Tor Steel Reinforcement to slabs, beams, lintels, columns, stair cases, etc.				
	<b>From Footing up to Ground floor level</b>				
E-01	Column base	kg	88.00		
E-02	Column shaft	kg	426.00		
E-03	Plinth beams	kg	155.00		
E-04	Beams @ first floor level	kg	298.00		
E-05	First floor slab including balcony	kg	780.00		

E-06	Supplying, cutting, bending, laying and binding (with 16 BWG binding wires) Mild Steel Reinforcement to slabs, beams, lintels, columns, stair cases, etc. Mild Steel	kg	274.00		
<b>TOTAL CARRIED TO SUMMARY</b>					
<b>F</b>	<b>MASONARY WORK</b>  The Contractor shall refer Drawings, Specifications, Pricing preambles, and other relevant documents prior to pricing of this section of work.  Rates for masonry works shall include for plumbing angles, forming rebates reveals, square, cutting and racking of joints for plastering.  External surfaces of brick work shall complete to a levelled & even surface to receive cladding frame work without any plastering work to walls.	Note  Note			
F-01	<b>Random Rubble masonry work</b> Random rubble masonry work in cement sand mortar 1:5 in wall foundations.	m <sup>3</sup>	7.83		
F-02	<b>D.P.C</b> - 20 mm thick <b>DPC</b> in 1:3 cement sand mix finished with two coats of <b>DPC tar</b> and blinded with sand.	m <sup>2</sup>	8.60		
F-03	<b>Brick walls</b> Brick work in 1:5 cement and sand mortar in brick bench and wall ( Size of the brick should be L=220mm, W=105mm, H≤65mm ).	m <sup>3</sup>	2.70		
F-04	Allow for septic tank developments	<b>PS</b>	<b>1.00</b>	<b>150,000.00</b>	<b>150,000.00</b>
<b>TOTAL CARRIED TO SUMMARY</b>					
<b>G</b>	<b>ALUMINIUM WORK</b>				



	The contractor shall refer Drawings, Specifications, Pricing preambles, and other relevant documents prior to pricing of this section of work.	Note		
	All Aluminum sections shall present clear, straight and sharply defined lines. They shall be free from defects impairing strength, appearance and durability.	Note		
	All aluminum extrusions should have the following properties and the brand should be approved by the Engineer Alloy : AA 6063 Minimum Tensile Strength : 150 MPa Minimum Elongation : 7% Surface Treatments (a) Powder coated Coating Thickness : 60~80 micron Color : To be approved by the Architect/ Engineer (b) Anodizing - Natural/ Bronze Coating Thickness : 10~15 micron	Note		
	The contractor shall submit samples of materials and shop drawings for prior approval	Note		
	<b>Doors &amp; Windows</b>			
G-01	Supplying, fabricating and fixing <b>100mm (1.6 +/- 0.1)mm thick aluminum double swing door</b> using approved quality <b>powder coated</b> aluminum extrusions with 5mm thick fixed glass on top, mid rail and bottom with 4mm cladding board both sides, <b>butthings</b> , gaskets, wool felt, beadings, flush bolt, threaded bar with nut roller, door handles, etc.	m <sup>2</sup>	14.30	
G-02	Supplying, fabricating and fixing <b>100mm (1.6 +/- 0.1)mm thick aluminum single swing door</b> using approved quality <b>powder coated</b> aluminum extrusions with 5mm thick fixed glass on top, mid rail and bottom <b>with 4mm thk cladding board on both sides</b> as per drawing including door lock, <b>butthings</b> , gaskets, wool felt, beadings, flush bolt, threaded bar with nut roller, door handle, etc.	m <sup>2</sup>	5.50	
	<b>Windows</b>			

G-03	Supplying, fabricating and fixing <b>70mm (1.3mm thick) aluminum sliding window</b> using approved quality <b>powder coated</b> aluminum extrusions and 5mm thick glass as per drawing including lock, roller screws, gaskets, wool felt, plastic guide, cap, beadings,etc	m <sup>2</sup>	47.50		
G-04	Supplying, fabricating and fixing <b>70mm (1.3mm thick) aluminum louvered panel</b> using approved quality <b>powder coated</b> aluminum extrusions as per drawing including, roller screws, gaskets, wool felt, plastic guide, cap, beadings,etc above doors and windows	m <sup>2</sup>	20.00		
G-05	Supplying and fixing approved quality door closer	Nr	3.00		
G-06	Supplying, fabricating and fixing <b>Shop front (1.2mm thick) aluminum frame with fixed glazed</b> using approved quality <b>powder coated</b> aluminum extrusions with 5mm thick fixed glass as per drawing	m <sup>2</sup>	18.40		
<b>TOTAL CARRIED TO SUMMARY</b>					
<b>H</b>	<b>PLASTERING</b>				
	The Contractor is advised to refer the Drawings, Specification, pricing preambles and the finishes schedule prior to pricing of this section of work.	Note			
	Rates shall include for temporary rules, screeds, ground etc., all normal cutting arises, raking out knots of brck work, hacking knots of concrete, rounded angles and the like, bedding, pointing, forming joints making good between different surfaces, around pipes, sanitary fittings and other fixtures and cleaning down upon completion.	Note			
	Extra over provision for narrow widths such as door/ window reveals have not been measured separately for all types of finishes. Rates shall include for narrow widths unless otherwise included in the BOQ.	Note			
	Rates shall include for builders work in connection with electrical/mechanical installation and plumbing unless measured otherwise.	Note			

	Ensure that all floor finishes are laid to falls as indicated or towards external sides so as to prevent stagnation of water.	Note			
	Rates for plaster work shall include for reinforcing joints between different types of construction material (e.g. brick work and concrete work) with 150mm wide galvanized steel mesh as directed by the Engineer.	Note			
	Rates shall include for covering and protection of finishes from weather and construction operation.	Note			
	<b>Wall Plastering</b>				
	-				
H-01	16mm thick <b>smooth plaster</b> for walls in 1:1:5 cement lime sand mix finished smooth with lime putty	m <sup>2</sup>	29.00		
H-02	16mm thick <b>rough plaster</b> for walls in 1:5 cement sand mix finished using sponge.	m <sup>2</sup>	6.00		
H-03	10mm thick <b>rough plaster</b> for concrete columns in 1:3 cement sand mix finished using sponge.	m <sup>2</sup>	27.00		
H-04	<b>Preparing door or window reveals (Two side)</b> in 12mm thick 1:3 cement sand mortar as directed. Aluminum work for 225mm thick wall/similar.	m	9.00		
H-05	10mm thick <b>smooth plaster</b> for concrete columns in 1:3 cement sand mix finished smooth with lime putty	m <sup>2</sup>	34.00		
H-06	10mm thick <b>smooth soffit plaster</b> for concrete slabs, beams' sides and stair cases in 1:3 cement sand mix finished smooth with lime putty	m <sup>2</sup>	67.00		
H-07	<b>20mm thick plinth plaster</b> in 1:3 cement sand mix finished smooth with <b>cement floating</b>	m <sup>2</sup>	6.50		
	<b>TOTAL CARRIED TO SUMMARY</b>				
<b>J</b>	<b>PAINTING</b>				

	Rate shall include for preparation of surfaces, cleaning down, smoothing, knotting, stopping, patching up cracks, etc., protection of floors and fittings, removing and replacing door and window fittings, if required, and cleaning upon completion.	Note			
	Rate shall include for painting of reveals etc.	Note			
	Rates shall include for protection of floors, fittings and cleaning upon completion.	Note			
	Paint brand should be CIC or equivalent and the approval for brand and colour should be obtained by the Engineer	Note			
	<b>Internal Faces</b>				
J-01	Applying one coat of approved quality wall primer and two coats of approved quality <b>emulsion paint to new walls.</b>	m <sup>2</sup>	695.00		
	<b>External Faces</b>				
J-02	Applying one coat of approved quality wall primer and two coats of approved quality <b>weather shield paint to new walls.</b>	m <sup>2</sup>	335.00		
	<b>TOTAL CARRIED TO SUMMARY</b>				
<b>K</b>	<b>FLOOR FINISHES</b>				
	-				
K-01	Floor finish with cement cut and polish with approx 40mm thk concrete bedding and surface finish with mat semi polished type to approved grain pattern and color. Rises of steps if any shall be black matt color	m <sup>2</sup>	39.00		
K-02	Skirting with approx 100mm high cement cut and polish to the details match with floor finish	m	27.00		
K-03	fabrication of timber deck to a average high of 115mm with 50mmx100mm <b>Kempus or imported timber</b> framework and 15mm thk plywood dressing with necessary supports, joints, grooves etc including necessary wood preservatives, nails, screws etc,. Maximum spacing between thec supports shall be less than 600mm	m <sup>2</sup>	6.00		

K-04	Supplying and laying loop pile carpeting with 5mm thick with Mcfoam underlayer firmly bonded to existing deck. Carpet having primary and secondary backing polypropylene and classic back respectively, and having minimum pile weight of 20oz per yard (Neyland II or equivalent)	m <sup>2</sup>	7.10		
<b>TOTAL CARRIED TO SUMMARY</b>					
<b>L</b>	<b>ELECTRICAL WORKS</b>				
L-O1	Supplying and fixing approved quality Pendant lamp point wired through a 10 Amp switch using 2x1/1.13mm Cu\PVC\PVC (1sq.mm) wires in fully concealed PVC conduits with all specials. surface plastic casing can be use for special situations with approved by the Engineer. Additional chargers NOT allow for PVC casings. Rate shall include switch, sun box, ceiling rose, round block, holder etc. (Quality should be approved by the engineer) bulb will be paid separately	Nr	3.00		
L-O2	Supplying and fixing approved quality Weather proofed lamp Fitting (Out Door) with point wired through 10 Amp switch using 2x1/1.13mm Cu\PVC\PVC (1sq.mm) wire and 7/0.67 mm Cu/PVC (2.5sq.mm) earth wires in fully concealed PVC conduits with all specials. Surface plastic casing can be use for special situations with approved by the Engineer. Additional charges NOT allow for PVC casings. Rate shall include switch, sun box, complete lamp fitting, etc (Quality should be approved by the engineer) bulb will be paid seperately. <b>Prime cost of Fitting = R.s.1,720.00 - Rs 1,776.00</b>	Nr	4.00		
L-O3	Supplying and fixing approved quality 12W LED Bulb (B22/E27) Bulb should be 25000 hrs ~ 30000hrs life span and efficacy 90 lm/w ~ 120 lm/w Heat sink, noise filliter & short circuit protection should be integrated. complete product should be branded with minimum 2 year manufactured warranty period & Without any Complaints of ROHS. (Quality should be approved by engineer)	Nr	4.00		
L-O4	Allow for decorative bulbs -3 nrs, improvements in SDB, and other services improvements	<b>PS</b>	<b>1.00</b>	<b>65,000.00</b>	65,000.00

L-05	Supplying and fixing approved quality Square Pin type - G/13 Amp socket outlet (for the ring circuit or radial circuit) wired through 7/0.67mm Cu\PVC\PVC(T) - 2.5sq.mm wire and 1x7/0.67mm Cu\PVC (2.5sq.mm) earth wire in fully concealed PVC conduits or casing with all specials. supply cables & concealing materials will be paid separately. (Quality should be approved by the engineer)	Nr	6.00		
L-06	Supplying approved quality 7/0.67mm Cu\PVC\PVC(T)-2.5sq.mm wire ( Concealing materials will be paid separately )	m	15.00		
L-07	Supplying and fixing approved quality 7/0.67mm Cu\PVC (2.5sq.mm) earth wire as directed (concealing materials will be paid separately)	m	15.00		
L-08	Supplying and fixing approved quality 1"(25mm) PVC Conduite pipe with all specials. Rate shall include clips nails etc. ( only the additional cost)	m	15.00		
<b>TOTAL CARRIED TO SUMMARY</b>					

<b>M</b>	<b>METAL WORKS</b>				
<b>M-01</b>	Supply, deliver, fabricate steel GI guard railing to a high of approx 1.0m from floor finish level with uprights by 50mm GI pipe of 1.6mm thk at approx 1.2meters intervals, top railing with 50mm GI pipe of 1.6mm thk and 3 rows if intermediate railings with 40mm diameter GI pipe(1.6mm) with 2 coats of anti corrosive paint including all necessary material, etc., Cost shall include for welding plant and works, base plates, anchors, catloy past etc., Final finish shall be approved by the Engineer for stair case	m	69.00		
<b>TOTAL CARRIED TO SUMMARY</b>					

ITEM	DISCRIPTION	UNIT	QTY	RATE	AMOUNT	
<b>1.0b - FIRST FLOOR</b>						
<b>C</b>	<b>CONCRETE</b>					
	The Contractor shall refer the followings prior to pricing the items in this trade. a. All relevant drawings b. Specifications c. Pricing preambles d. Location					
	All concrete shall be made dense with a vibrator. Rate shall include for plant for mixing , handling, hoisting, depositing, compacting ,vibrating and curing making good after removal of form work and for any tests when necessary.	note				
	OPC cement complied with relevant Sri Lanka standards and approved by Engineer shall be used.	note				
	Rate shall include for mixing, placing, compacting with porker vibrator, levelling and curing.	note				
	Reinforced in-situ Grade 25 concrete (R/F paid separately)					
	<b>First floor level to Roof level</b>					
	C-01	Mixing, placing, vibrating and curing 1:2½:5(25mm) concrete (Machine mixing). <b>For column shafts</b>	m <sup>3</sup>	3.15		
	C-02	Mixing, placing, vibrating and curing 1:2½:5(25mm) concrete (Machine mixing). <b>For roof level beams</b>	m <sup>3</sup>	5.40		
C-03	<b>Lintels</b>  Grade 20 concrete 225x150 mm size R.C.C. lintels. Rate shall include for form work, concrete work( Reinforcement will be paid separately).	m	3.00			
	<b>Sill beams &amp; Stiffeners</b>					

C-04	Grade 20 concrete 225x75 mm size R.C.C. Window sill beams. Rate shall include for form work, concrete work ( Reinforcement will be paid separately).	m	11.00		
C-05	Grade 25 concrete 225x115 mm size R.C.C. stiffener columns. Rate shall include for form work, concrete work ( Reinforcement will be paid separately).	m	1.20		
<b>TOTAL CARRIED TO SUMMARY</b>					
<b>D</b>	<b>FORM WORK</b>				
	Form work shall be provided with adequate struts, braces, ties, clamps and the like so as to maintain the demensions, lines and levels shown in the drawings during the entire operation of placing and compacting the concrete and to prevent any sagging under the weight of wet concrete including any other supper imposed loads which would be subjected to during construction.	note			
	<b>From first floor to roof level using 16 mm thick plywood sheets</b>				
D-01	Supplying, fabricating, fixing and removing formwork using <b>15 mm thick plywood sheets for Column Shafts.</b>	m <sup>2</sup>	32.00		
D-02	Supplying, fabricating, fixing and removing formwork using <b>15 mm thick plywood sheets for roof level beams</b>	m <sup>2</sup>	36.00		
<b>TOTAL CARRIED TO SUMMARY</b>					
<b>E</b>	<b>REINFORCEMENT</b>				
	Steel bar reinforcement cut, bend, place and tie in position as reinforcement to RCC work.Tor Steel characteristic strength 460 N/mm2 and Mild Steel characteristic strength 250 N/mm2 to be used as reinforcement to RCC works.	note			
	Rates shall be included for cutting, bending, fabricating, placing in position, holding and temporary fixing supports. Ex:chairs, benches, stools, spaces, ties, hangers and binding wires.	note			



	Supplying, cutting, bending, laying and binding (with 16 BWG binding wires) Tor Steel Reinforcement to slabs, beams, lintels, columns, stair cases, etc.				
	<b>From first floor to roof terrace</b>				
E-01	Column shaft	kg	165.00		
E-02	roof beams	kg	298.00		
	Supplying, cutting, bending, laying and binding (with 16 BWG binding wires) Mild Steel Reinforcement to slabs, beams, lintels, columns, stair cases, etc.				
E-05	Mild Steel	kg	245.00		
<b>TOTAL CARRIED TO SUMMARY</b>					
<b>F</b>	<b>MASONRY WORK</b>				
	The Contractor shall refer Drawings, Specifications, Pricing preambles, and other relevant documents prior to pricing of this section of work.				
	Rates for masonry works shall include for plumbing angles, forming rebates reveals, square, cutting and racking of joints for plastering.	Note			
	Rate shall include for all necessary types of scaffolding whether specified separately or not.	Note			
	External surfaces of brick work shall complete to a levelled & even surface to receive cladding frame work without any plastering work to walls.	Note			
	<b>Brick walls</b>				
F-01	Brick work in 1:5 cement and sand mortar in brick bench and wall ( Size of the brick should be L=220mm, W=105mm, H≤65mm ).	m <sup>3</sup>	4.20		
<b>TOTAL CARRIED TO SUMMARY</b>					
<b>G</b>	<b>ALUMINIUM WORK</b>				
	The contractor shall refer Drawings, Specifications, Pricing preambles, and other relevant documents prior to pricing of this section of work.	Note			

	All Aluminium sections shall present clear, straight and sharply defined lines. They shall be free from defects impairing strength, appearance and durability.	Note			
	All aluminium extrusions should have the following properties and the brand should be approved by the Engineer Alloy : AA 6063 Minimum Tensile Strength : 150 MPa Minimum Elongation : 7% Surface Treatments (a) Powder coated Coating Thickness : 60~80 micron Colour : To be approved by the Architect/ Engineer (b) Anodizing - Natural/ Bronze Coating Thickness : 10~15 micron	Note			
	The contractor shall submit samples of materials and shop drawings for prior approval	Note			
	<b>Doors &amp; Windows</b>				
G-01	Supplying, fabricating and fixing <b>100mm (1.6 +/- 0.1)mm thick aluminium double swing door</b> using approved quality <b>powder coated</b> aluminium extrusions with 5mm thick fixed glass on top, mid rail and bottom with 4mm cladding board both sides, <b>butthings</b> , gaskets, wool felt, beadings, flush bolt, threaded bar with nut roller, door handles, etc.	m <sup>2</sup>	10.50		-
G-02	Supplying, fabricating and fixing <b>100mm (1.6 +/- 0.1)mm thick aluminium single swing door</b> using approved quality <b>powder coated</b> aluminium extrusions with 5mm thick fixed glass on top, mid rail and bottom <b>with 4mm thk cladding board on both sides</b> ) as per drawing including door lock, <b>butthings</b> , gaskets, wool felt, beadings, flush bolt, threaded bar with nut roller, door handle, etc.	m <sup>2</sup>	-		-
	<b>Windows</b>				

G-03	Supplying, fabricating and fixing <b>70mm (1.3mm thick) aluminium sliding window</b> using approved quality <b>powder coated</b> aluminium extrusions and 5mm thick glass as per drawing including lock, roller screws, gaskets, wool felt, plastic guide, cap, beadings,etc	m <sup>2</sup>	50.00		
G-04	Supplying, fabricating and fixing <b>70mm (1.3mm thick) aluminium louvered panel</b> using approved quality <b>powder coated</b> aluminium extrusions as per drawing including, roller screws, gaskets, wool felt, plastic guide, cap, beadings,etc above doors and windows	m <sup>2</sup>	17.50		
G-05	Supplying and fixing approved quality door closer	Nr	2.00		
<b>TOTAL CARRIED TO SUMMARY</b>					
<b>H</b>	<b>PLASTERING</b>				
	The Contractor is advised to refer the Drawings, Specification, pricing preambles and the finishes schedule prior to pricing of this section of work.	Note			
	Rates shall include for temporary rules, screeds, ground etc., all normal cutting arises, raking out knots of brck work, hacking knots of concrete, rounded angles and the like, bedding, pointing, forming joints making good between different surfaces, around pipes, sanitary fittings and other fixtures and cleaning down upon completion.	Note			
	Extra over provision for narrow widths such as door/ window reveals have not been measured separately for all types of finishes. Rates shall include for narrow widths unless otherwise included in the BOQ.	Note			
	Rates shall include for builders work in connection with electrical/mechanical installation and plumbing unless measured otherwise.	Note			
	Ensure that all floor finishes are laid to falls as indicated or towards external sides so as to prevent stagnation of water.	Note			

	Rates for plaster work shall include for reinforcing joints between different types of construction material (e.g. brick work and concrete work) with 150mm wide galvanized steel mesh as directed by the Engineer.	Note			
	Rates shall include for covering and protection of finishes from weather and construction operation.	Note			
	<b>Wall Plastering</b>				
	-				
H-01	16mm thick <b>smooth plaster</b> for walls in 1:1:5 cement lime sand mix finished smooth with lime putty	m <sup>2</sup>	18.50		
H-02	16mm thick <b>rough plaster</b> for walls in 1:5 cement sand mix finished using sponge.	m <sup>2</sup>	18.50		
	-				
H-03	10mm thick <b>rough plaster</b> for concrete columns in 1:3 cement sand mix finished using sponge.	m <sup>2</sup>	40.00		
H-04	<b>Preparing door or window reveals (Two side)</b> in 12mm thick 1:3 cement sand mortar as directed. Aluminium work for 225mm thick wall/similar.	m	9.00		
H-05	10mm thick <b>smooth plaster</b> for concrete columns in 1:3 cement sand mix finished smooth with lime putty	m <sup>2</sup>	40.00		
H-06	10mm thick <b>smooth soffit plaster</b> for concrete slabs, beams' sides and stair cases in 1:3 cement sand mix finished smooth with lime putty	m <sup>2</sup>	21.50		
	<b>TOTAL CARRIED TO SUMMARY</b>				
<b>J</b>	<b>PAINTING</b>				
	Rate shall include for preparation of surfaces, cleaning down, smoothing, knotting, stopping, patching up cracks, etc., protection of floors and fittings, removing and replacing door and window fittings, if required, and cleaning upon completion.	Note			
	Rate shall include for painting of reveals etc.	Note			
	Rates shall include for protection of floors, fittings and cleaning upon completion.	Note			

	Paint brand should be CIC or equivalent and the approval for brand and colour should be obtained by the Engineer	Note			
	<b>Internal Faces</b>				
J-01	Applying one coat of approved quality wall primer and two coats of approved quality <b>emulsion paint</b> to <b>new walls.</b>	m <sup>2</sup>	390.00		
	<b>External Faces</b>				
J-02	Applying one coat of approved quality wall primer and two coats of approved quality <b>weather shield</b> paint to <b>new walls.</b>	m <sup>2</sup>	320.00		
<b>TOTAL CARRIED TO SUMMARY</b>					
<b>K</b>	<b>FLOOR FINISHES</b>				
	-				
K-01	Floor finish with cement cut and polish with with approx 40mm thk concrete bedding and surface finish with mat semi polished type to approved grain pateern and color. Risesof steps if any shall be black matt color	m <sup>2</sup>	69.72		
K-02	Skirting with approx 100mm high cement cut and polish to the details match with floor finish	m	57.80		
K-03	Supplying and laying <b>400mmx400mm Non Skid Homogeneous Ceramic Floor Tiles</b> with exceptional quality, including 12mm thick tile bedding in 1:3 cement sand and tile adhesive and pointing with tile grout similar to the colour of tiles.(Colour, pattern and the quality should be approved by the engineer). <b>Price range Rs.311.00-Rs.367.00.</b> (tile adhesive will be paid seperately)	m <sup>2</sup>	32.00		
K-04	Item allow for supply and mix polymer modified tile adhesive of approved quality for approx 32sqm	item	1.00		

K-05	fabrication of timber deck to a average high of 375mm (high of deck is 250mm and 500mm two equal portions from floor finish with 50mmx100mm <b>Kempus or imported timber</b> framework and 15mm thk plywood dressing with necessary supports, joints, grooves etc including necessary wood preservatives, nails, screws etc,. Maximum spacing between thec supports shall be less than 600mm and struts with approx 1m c/c b/w	m <sup>2</sup>	56.00		
K-06	fabrication of timber deck to a average high of 115mm with 50mmx100mm <b>Kempus or imported timber</b> framework and 15mm thk plywood dressing with necessary supports, joints, grooves etc including necessary wood preservatives, nails, screws etc,. Maximum spacing between thec supports shall be less than 600mm	m <sup>2</sup>	6.00		
K-07	Cement concrete cut and polish - lecture hall area	m <sup>2</sup>	77.50		
K-07	Supplying and laying loop pile carpetting with 5mm thick with Mcfoam underlayer firmly bonded to existing deck. Carpet having primery and secondary backing polypropylene and classic back respectively, and having minimum pile weight of 20oz per yard (Neyland II or equivalent)	m <sup>2</sup>	70.00		
<b>TOTAL CARRIED TO SUMMARY</b>					
<b>L</b>	<b>ELECTRICAL WORKS</b>				
L-O1	Supplying and fixing approved quality Pendent lamp point wired through a 10 Amp switch using 2x1/1.13mm Cu\PVC\PVC (1sq.mm) wires in fully concealed PVC conduits with all specials. surface plastic casing can be use for special situations with approved by the Engineer.Additional chargers NOT allow for PVC casings. Rate shall include switch, sun box, ceiling rose, round block, holder etc. (Quality should be approved by the engineer) bulb will be paid seperately	Nr	3.00		

L-02	Supplying and fixing approved quality Weather proofed lamp Fitting (Out Door) with point wired through 10 Amp switch using 2x1/1.13mm Cu\PVC\PVC (1sq.mm) wire and 7/0.67 mm Cu/PVC (2.5sq.mm) earth wires in fully concealed PVC conduits with all specials.surface plastic casing can be use for special situations with approved by the Engineer.Additional charges NOT allow for PVC casings. Rate shall include switch, sun box, complete lamp fitting, etc (Quality should be approved by the engineer) bulb will be paid seperately. <b>Prime cost of Fitting = R.s.1,720.00 - Rs 1,776.00</b>	Nr	4.00		
L-03	Supplying and fixing approved quality 12W LED Bulb (B22/E27) Bulb should be 25000 hrs ~ 30000hrs life span and efficacy 90 lm/w ~ 120 lm/w Heat sink, noise filliter & short circuit protection should be intergrated. complete product should be branded with minimum 2 year manufactured warranty period & Without any Complaints of ROHS. (Quality should be approved by engineer)	Nr	4.00		
L-04	Allow for decorative bulbs -3 nrs, improvements in SDB, and other services improvements	PS	1.00	65,000.00	65,000.00
L-05	Supplying and fixing approved quality Square Pin type - G/13 Amp socket outlet (for the ring circuit or radial circuit) wired through 7/0.67mm Cu\PVC\PVC(T) - 2.5sq.mm wire and 1x7/0.67mm Cu\PVC (2.5sq.mm) earth wire in fully concealed PVC conduits or casing with all specials. supply cables & concealing materials will be paid separately. (Quality should be approved by the engineer)	Nr	6.00		
L-06	Supplying approved quality 7/0.67mm Cu\PVC\PVC(T)-2.5sq.mm wire ( Concealing materials will be paid separately )	m	15.00		
L-07	Supplying and fixing approved quality 7/0.67mm Cu\PVC (2.5sq.mm) earth wire as directed (concealing materials will be paid separately)	m	15.00		
L-08	Supplying and fixing approved quality 1"(25mm) PVC Conduite pipe with all specials. Rate shall include clips nails etc. ( only the additional cost)	m	15.00		

	<b>TOTAL CARRIED TO SUMMARY</b>				
<b>M</b>	<b>METAL WORKS</b>				
	-				
M-01	Supply, deliver, fabricate steel GI guard railing to a high of approx 1.0m from floor finish level with uprights by 50mm GI pipe of 1.6mm thk at approx 1.2meters intervals, top railing with 50mm GI pipe of 1.6mm thk and 3 rows if intermediate railings with 40mm diameter GI pipe(1.6mm) with 2 coats of anti corrosive paint including all necessary material, etc.,. Cost shall include for welding plant and works, base plates, anchors, catloy past etc.,. Final finish shall be approved by the Engineer <b>for stair case bay</b>	m	26.50		
M-02	Supply, deliver, fabricate steel GI hand rail above brick wall to a high of approx 150mm from wall top level with uprights by 40mm GI pipe of 1.6mm thk at approx 1.2meters intervals, top railing with 50mm GI pipe of 1.6mm thk) with 2 coats of anti corrosive paint including all necessary material, etc.,. Cost shall include for welding plant and works, base plates, anchors, catloy past etc.,. Final finish shall be approved by the Engineer <b>for lobby area</b>	m	15.00		
	<b>TOTAL CARRIED TO SUMMARY</b>				

<b>L</b>	<b>ROOFING AND CEILING WORK</b>				
N-1	Supplying and roofing with 0.47mm thick colour coated <b>Zink Aluminum metal roofing sheets</b> on 100x50x2mm galvanized lip panel frame work with all specials (Brand, Profile and Colour of the sheets should be approved by the engineer).	m <sup>2</sup>	152.00		
N-2	Supplying and laying approved quality <b>double side 3 - 4mm thick Aluminum Foil and 3"x3" mesh(Gauge 17)</b> with necessary fasteners, etc.as directed ( Quality of foil and mesh should be approved by the engineer).	m <sup>2</sup>	136.00		



N-3	Supplying, fabricating and fixing <b>Steel Roof Web Truss</b> of 300mm wide using 50x50x5.8 mm double angle iron main bars and 50x50 x5.8 mm angle iron distribution bars as per detailed drawing. including applying 2 coats of anticorrosive paint to all steel work. Rate shall include necessary cleats for fixing purling and anchor bolts, pressure plates and truss plates as directed by the engineer.	m	40.80		
N-4	Allow for roof masts and additional stabilization of roofings structure	<b>PS</b>	1.00	65,000.00	65,000.00
N-5	Supplying and fixing 0.47mm thick <b>Zink Aluminum ridge capping</b> of girth 470mm to match the colour of the roof. Rate shall include all necessary fasteners, etc.	m	19.00		
N-6	Supplying, making and fixing <b>valance boards, barge boards or fascia</b> of minimum of 20mm finished thickness and 225mm width in Sapu or higher quality timber. rate to include 200mm - 225 mm long bracket fixed to roof of 25mmx5mm section flat iron and painting with two coats of anti corrosive paint.approved by the engineer and completing with necessary iron screws, etc	m	24.60		
N-07	Supplying and fixing 0.47 mm thick Zink Aluminum rainwater <b>eave gutters of girth 450~700mm</b> as directed. Rate shall include lap lengths, gutter brackets, endplates, expansion joints, etc	m	24.60		
N-08	Supplying and fixing <b>100x100mm</b> Zink Aluminum colour coated <b>down pipes</b> as directed. Rate shall include all necessary nozzles, offsets, bends, clips,etc	m	23.00		
N-09	Supply & Installation of PVC Panelled Ceiling (Quality and colour shall be approved by the Engineer) With necessary grid structure to complete.	m <sup>2</sup>	130.10		
N-10	Allow for builders work for connecting down pipes to existing drain	<b>PS</b>	<b>1.00</b>	<b>58,000.00</b>	<b>58,000.00</b>
	<b>SUB TOTAL</b>				

## SUMMARY SHEET

### Construction of Lecture Halls for Faculty of Applied Sciences – Stage III

TOTAL SUMMARY	Rs.
TOTAL CONSTRUCTION COST	
DISCOUNT (If applicable)	
TOTAL WITH DISCOUNT	
VAT 8%	
GRAND TOTAL	

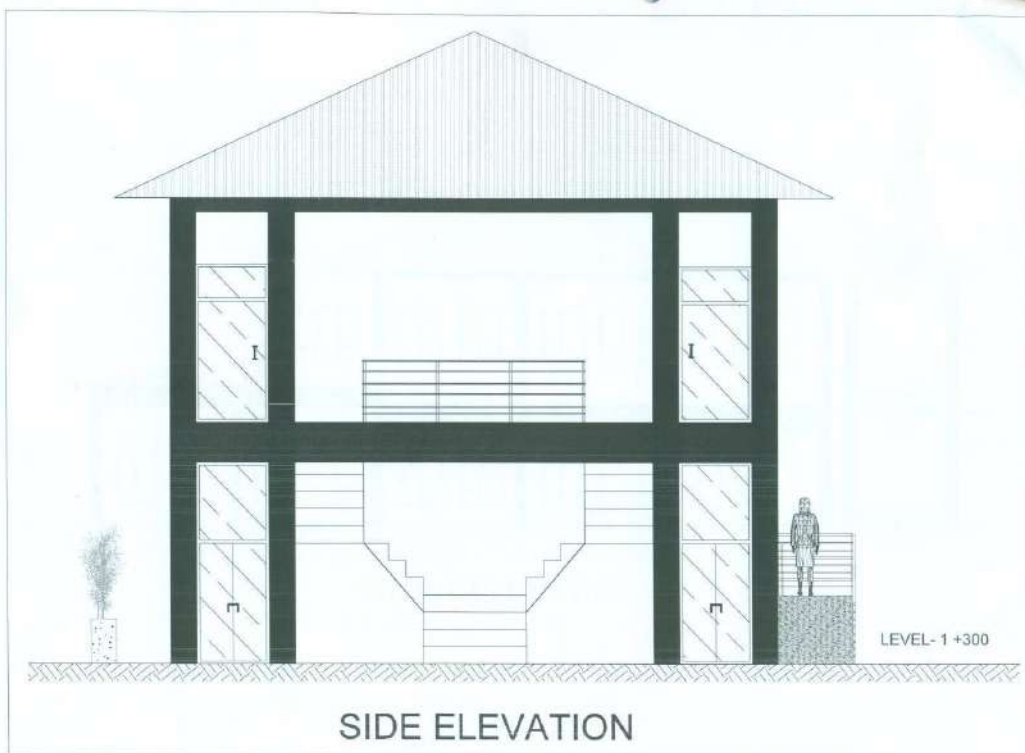
Total amount in words (Without VAT)

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Authorized signature of bidder  
(Official Seal)

# **DRAWINGS**



**SECTION - 9**  
**STANDARD FORMS (BID)**

# FORM OF BID SECURITY

*[this 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]*

*The Chairman, Procurement Committee, Uva Wellassa University of Sri Lanka*

**Date:** ----- *[insert (by issuing agency) date]*

**BID GUARANTEE No.:** ----- *[insert (by issuing agency) number]*

We have been informed that ----- *[insert (by issuing agency) name of the bidder]* (hereinafter called "the bidder") has submitted to you its bid dated ----- *[insert (by issuing agency) date]* (hereinafter called "the Bid") for the execution of *[insert name of Contract]* under Invitation for Bids No. ----- *[insert IFB number]* ("the IFB").

Furthermore, we understand that, according to your conditions, Bids must be supported by a Bid Guarantee.

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

- (a) has withdrawn its Bid during the period of bid validity specified; or
- (b) does not accept the correction of errors in accordance with the Instructions to Bidders (hereinafter "the ITB"); or
- (c) having been notified of the acceptance of its Bid by the Employer during the period of bid validity, (i) fails or refuses to execute the Contract Form, if required, or (ii) fails or refuses to furnish the Performance Security, in accordance with the ITB.

This Guarantee shall expire: (a) if the bidder is the successful bidder, upon our receipt of copies of the Contract signed by the bidder and of the Performance Security issued to you by the bidder; or (b) if the bidder is not the successful bidder, upon the earlier of (i) the successful bidder furnishing the performance security, otherwise it will remain in force up to ----- *(insert date)*

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

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*[signature(s) of authorized representative(s)]*

**SECTION – 10**  
**CHECK LIST**

## CHECK LIST FOR BIDDERS

Bidders are advised to fill the following table:

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