



UVA WELASSA UNIVERSITY
PASSARA ROAD
BADULLA

INVITATION FOR BIDS
FOR
CONSTRUCTION OF STAFF QUARTERS
(UWU/CW/NCB/18/17)

Bidder's Name :

Address :

.....

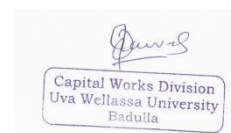
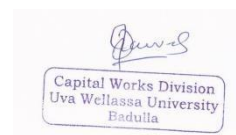
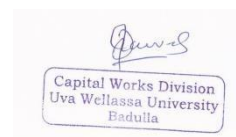


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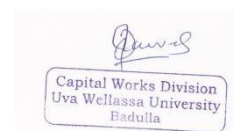
INVITATION FOR BIDS



Uva Wellassa University Invitation for Bids

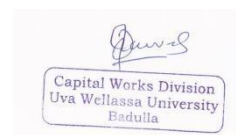
1. The Chairman, Department Procurement Committee, on behalf of the Uva Wellassa University now invites sealed bids from eligible and qualified bidders for **CONSTRUCTION OF STAFF QUARTERS** (Engineering Estimate cost approximately Rs.39.52mn (Excluding VAT & Contingencies)
2. Bidding will be conducted through **National Competitive Bidding** Procedure.
3. To be eligible for contract award, the successful bidder shall not have been blacklisted and shall meet the **C5 CIDA** registration.
4. Interested bidders may obtain further information from **Senior Assistant Registrar (Capital Works), Uva Wellassa University, Passara Road, Badulla** and inspect the bidding documents at the same office from 08.30 a.m to 03.00 p.m. during normal working days (**Telephone – 055 222 66 22 Ext -1260 Fax- 055 222 66 33**)
5. A complete set of Bidding Documents in English language may be purchased by interested bidders on the submission of a written application to **Uva Wellassa University, Passara Road, Badulla**, from **22nd October 2018** until **12th November 2018** from 09.00 a.m to 03.00 p.m (During normal working days) upon payment of a non-refundable fee of **Rs. 10,000.00** the method of payment will be in cash.
6. Bids shall be delivered to the address below on or before **02.00 p.m. on 13th November 2018**. Late bids will be rejected. Bids will be opened soon after closing in the presence of the bidders' representatives who choose to attend.
7. Bids shall be valid up to **12th February 2019**.
8. All bids shall be accompanied by Bid Security Amounting to Rs. **395,200.00** Bid security should be valid up to **12th March 2019**. (**Bid Security should be issued by a Bank approved by the Central Bank of Sri Lanka**) **OR by attaching original receipt of depositing Rs 395,200.00 to university Shroff counter**
9. A pre bid meeting is scheduled to be held at **10.30 a.m. on 01st November 2018** at the **Mini Boardroom-Senate Building**.
10. Method of Evaluation & Selection: Bids shall be evaluated separately and accordingly substantially responsive lowest evaluated bidder will be selected for the award.

The Chairman,
Procurement committee,
Uva Wellassa University
Passara Road, Badulla



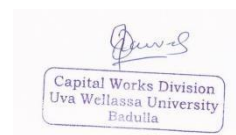
Section -1

INSTRUCTIONS TO BIDDERS (ITB)

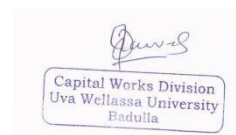


Instructions to bidders (ITB)

01. 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. ICTAD/SBD/01, Second Edition – January 2007, published by the Construction Industry Development Authority (CIDA)



Section – 2
STANDARD FORMS (CONTRACT)



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 datedfor the construction and remedying defects of the for the Contract price ofas corrected in accordance with Instructions to Bidders and / or modified by a Memorandum of Understanding is hereby accepted.

The adjudicator shall be CIDA / shall be appointed by the Institute for CONSTRUCTION INDUSTRY DEVELOPMENT AUTHORITY (CIDA).

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

The Start Date of Construction work shall be

The Date of completion of construction work shall be

Contract Period is

On demand performance security drawn in favour ofissued 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 Depositingin cash at.....

Bidder should submit following documents to theon or beforeto 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.)

06 The Bidder is the liable to get an advance payment of 30% of the Civil Cost of Agreement by forwarding a Advance security drawn in favour of theissued by a Bank approved by Sri Lanka Central Bank.

07 The awarded Bid will be cancelled if you fail to sign the agreement on or beforewithout any notice. The Refundable Deposit or the Bid Security wills the forfeited by theand your name will be black listed.

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08 You should inform in writing, theregarding commencement of construction work.

Thewill 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 payment for the work completed is the responsibility of the contractor and such bills should be forward to Vice Chancellor UWU through the.....).

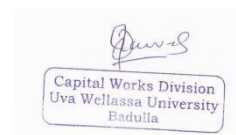
10 Although the date of commencement is stated as the bidder has the permission to mobilize at the site and carry out the primary works of construction as per the instruction given by the.....

11 Please be informed you that the construction works should be completed with agreed quality and scheduled time.

Authorized Signature :

Name and title of Signatory:

Name of Agency:



AGREEMENT

THIS AGREEMENT, made on thebetween the..... whose registered office is (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,
02. The following documents shall be deemed to form and be read and construed as part of this Agreement viz :-
 - b) Employer’s Requirements
 - c) The Schedule
 - d) Conditions of Contract & Specification

Other Relevant Correspondence (Letter of Acceptance)

03. 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 & complete the Works and remedy any defects therein in conformity in all respects with the provisions of the Contract.
04. 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 ofwithout VATbeing 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

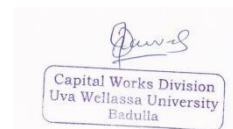
N.I.C:

Witness :

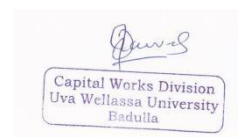
Witness :

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

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



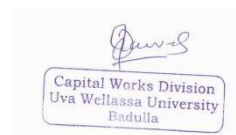
Section -3
CONDITIONS OF CONTRACT



CONDITIONS OF CONTRACT

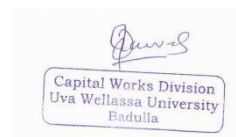
Conditions of Contract that will be applicable for this Contract is that given in Section- 3 of the Standard Bidding Document for Procurement of Works, CIDA Publication No. ICTAD/SBD/01, Second Edition – January 2007, published by the Construction Industry Development Authority (CIDA)

Conditions of Contract shall be read in conjunction with Contract Data



Section - 4

FORM OF BID AND QUALIFICATION
INFORMATION



Form of Bid

CONSTRUCTION OF STAFF QUARTERS FOR UVA WELLISSA UNIVERSITY

The Chairman
Procurement committee
Uva Wellissa University
Passara Road
Badulla

Gentleman,

1. Having examined the Standard Bidding Document - Procurement of Works [ICTAD/SBD/01 - Second Edition, January 2007], Specifications, Drawings and Bills of Quantities and Addenda for the execution of the above-named Works, we the undersigned, offer to execute and complete such Works and remedy any defect therein in conformity with the aforesaid Conditions of Contract, Specifications, Drawings, Bills 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 acknowledge that the Contract Data forms part of our Bid.
3. We undertake, if our Bid is accepted, to commence the Works as stipulated in the Contract Data, and to complete the whole of the Works comprised in the Contract within the time stated in the Contract Data.
4. We agree to abide by this Bid for the period of* (*insert number of Days in accordance with Sub-Clause 15.1 of Instructions to Bidders*) Days from the date fixed for receiving 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.
6. We accept / we do not accept the Adjudicator.
7. We understand that you are not bound to accept the lowest or any Bid you may receive.

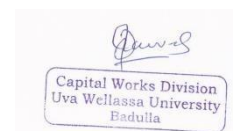
Dated this day of 20... in the capacity of duly authorized to sign tenders for and on behalf of

(IN BLOCK CAPITALS)

Signature :

Address :


Witness :



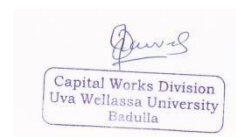
Qualification Information

(To be completed and submitted by the bidder, with the Bid)

ICTAD Registration	
Registration number	<i>(attach copies of relevant pages from the registration book)</i>
Grade	
Speciality	Buildings
Expiry Date	
Backlisted Contractors	
Have you been declared as a defaulted contractor by NPA or any other Agency? (Yes/No)	
IF yes provide details	
VAT Registration Number	
Construction Program	<i>(attach as annex)</i>
Legal status	<i>(attach relevant status copies, as annex)</i>
Value of Construction works performed in last 5 years	
<i>(attach copies of Certificate of Completion etc. and other documents such as profit-loss and income expenditure statement)</i>	
Year	
Year	
Year	
Year	
Year	
Value of similar works completed in last 10 years (indicate only the three largest projects)	1. Value Year
	2. Value Year
	3. Value Year
	<i>(attach copies of Certificate of Completion etc., as annex)</i>
Major items of construction equipment proposed	1. Type Capacity
	2. Type Capacity
	3. Type Capacity
	4. Type Capacity
	5. Type Capacity
Qualification and experience of key staff – Site & Head Office (Permanent, Contract basis & Consultants)	Technical: 1. 2. 3.
	Managerial: 1. 2. 3.
Other information requested under ITB Clause 4.1	



 Capital Works Division
 Uva Wellasa University
 Badulla

Section -5
SCHEDULE

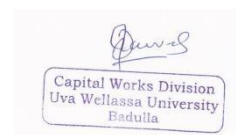


Schedule

ITB Clause	Conditions of Contract Clause	Item	Data
1.	1.1.8	Employer is :	Name : Vice Chancellor Address: Uva Wellassa University, Passara Road, Badulla.
	1.1.10	Engineer is:	Name : Works Engineer Address: Uva Wellassa University, Passara Road, Badulla.
1 & 13	1.1.21	Summary of Works	The Works consists of: Building Construction & Services Located at :Uva Wellassa University Contract Name: Construction of Staff Quarters Contract Number : UWU/CW/NCB/18/17
	1.1.14	Intended Completion Date	Intended Completion Date is 270 Days from the Starting Date
		Source of Funds	The source of funds is: GOSL
		Eligibility	The requirement is: - Not blacklisted and shall meet CIDA C5
2.		Documents of the Bid	Any other information
3.	10.10	Price Adjustment	Not Entitled
16		Bid Security / Bid Securing Declaration	<p><i>[Select one of the following options]</i></p> <p>Bid shall include a Bid Security:</p> <ul style="list-style-type: none"> • For an amount Rs. 395,200.00 should be the same as provided in the Invitation to Bid]. • Issued by an agency acceptable to Employer using the form for bid security (unconditional guarantee) included in Section 9, Standard Forms. • Remain valid till 12th March 2019. <p>OR</p> <ul style="list-style-type: none"> • Bid shall include a Bid-Securing Declaration using the form included in Section 9.”


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31.	4.4	Performance Security	<p>Amount of Performance Security required is 5% of the Initial Contract Price.</p> <p>The form acceptable is: Bank Guarantee or Insurance Certificate.</p>
	6.4	Late Completion	The amount to be paid is 0.05 % of Initial Contract Price per Day, subjected to maximum of 5% of Initial Contract Price.
	8.1	Notification of Defects	The period for Defect Notification is 365 Days from Taking Over.
	10.3	Retention	<p>The amount of retention is 10 % of certified work done in interim bills.</p> <p>The maximum amount of retention is 5% of Initial Contract Price.</p>



ITB Clause	Conditions of Contract Clause	Item	Data
	10.12	Advance Payment	<p>Maximum of thirty percent (30%) of the contract sum (less any provisional sums & contingencies) against the submission of an acceptable advance payment guarantee.</p> <p>The advance payment shall be fully recovered before ninety percent (90%) of the payment are made to the contractor.</p> <p>Upon the payment of the advance payment in full the Employer shall return the original of the advance payment guarantee to the Contractor.</p>
	13.1 (c)	Insurance, third party	Minimum amount for third party insurance is Rupees 1.0 million
	13.1	Insurance for Contractor's Personnel	Minimum amount for Insurance for Contractor's Personnel is Rupees one million.
33.	1.1.11 14.0	Adjudicator Resolution of Disputes	Fees and types of reimbursable expenses to be paid to the Adjudicator shall be on a case to case basis and shall be shared by the Contractor and the Employer.

Section - 6

SPECIFICATIONS AND CONTRACT REQUIREMENT

SPECIFICATIONS

The works under this contract shall be executed in accordance with the Specifications given in the following documents issued by the Construction Industry Development Authority (CIDA), "Savsiripaya", 123, Wijerama Mawatha, Colombo 7.

Publication No.	Description
1. SCA/4	Building works (Volume I) - 3 rd Edition
2. SCA/4/11	Building works (Volume II) - 2 nd Edition

Section - 7
BILLS OF QUANTITIES

Estimate for Proposed Unit Staff Quarters At Uva Wellassa University - Badulla.		
Total SUMMARY		
Ground Floor , First Floor		
ITEM	DESCRIPTION	TOTAL
1.0	Preliminary	
2.0	Ground Floor	
3.0	First Floor	
4.0	Retaining Wall	
5.0	Allow for Access Road ,Services & Landscaping	
	Total Civil Cost	
	Contingencies -10%	
	Total with contingencies	
	VAT - 15%	
	Grand total	

Total amount in words (Without VAT) :

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
Total amount in words (With VAT) :

.....

.....
 Authorized signature of bidder
 (Official Seal)

**Estimate for Construction of Staff Quarters at Uva Welaassa University - Badulla.
Preliminary Items**

ITEM	DESCRIPTION	UNIT	QTY.	RATE (RS.)	AMOUNT(RS.)
0.1	Provisional Sum for providing a Performance Security. (amount to be including by the Employer/Consultant)	PS	1	200,000.00	200,000.00
0.2	Provisional Sum for providing an Advanced Payment Security. (amount to be including by the Employer/Consultant)	Item	1		
0.3	Provisional Sum for insurance of Works, Machinery & Equipment, Plants, Materials, third party persons & property and Employer's personal & property at site as per the Contract. (amount to be including by the Employer/Consultant)	Item	1		
	Temporary Work	Item			
0.4	Allow lump sum for constructing, maintaining, dismantling and removal on completion of the Works, a tempory site office of adequate size including staff rest room and toilets and other facility for the Contractor's site management staff in accordance with the plans prepared by the Contractor and concurred by the Engineer.	Item	1		
0.5	Allow lump sum for constructing, maintaining, dismantling and removal on completion of the Works, buildings to be used as workshops and stores for perishable materials. Building shall be constructed in accordance with the drawings prepared by the Contractor and concurred by the Engineer. the lump sum shall also include for altering ,modifying, or dismantling and re-erecting within the site all temporary building / structures if required.	Item	1		
0.6	Allow lump sum for providing accommodation including sanitary facilities and transport for Contractor's staff and workmen off site.	Item	1		
0.7	Allow lump sum for providing telephone and facsimile facilities, electricity and water services for the Contractor's site office for their use in connection with the Works	PS	1	50,000.00	50,000.00


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0.8	Allow lump sum for maintenance, rental, consumption charges etc. For telephone and facsimile electricity and water services for the Contractor's site office for their use in connection with the Works	Item	1		
0.9	Allow lump sum for employing suitably qualified and experienced technical personal on full time basis for Construction Management Services at the site. One site supervisor and one Technical officer.	Item	1		
10.0	Allow lump sum for employing technical supervisory staff not listed under item no 09 on full time basis.(one supervisor)	Item	1		
11.0	Allow lump sum for employing a licensed land surveyor to define the building site work etc. check levels and carry out such other surveys as may be necessary to establish accurately the placing of forms and pouring of concrete and all other setting out in both vertical and horizontal plane.	Item	1		
12.0	Allow lump sum for setting out of Works in accordance with drawings and other written information given by the Engineer.	Item	1		
13.0	Allow lump sum for all cost in connection with preparing samples for testing, making arrangements for testing of Materials, Goods ect, as stipulated in the specification, obtaining test reports and submitting the same to the Engineer.	Item	1		
14.0	Allow lump sum for provision of shop drawings, bar schedules etc. For Engineer's approval.	Item	1		
15.0	Allow lump sum for provision of 2 sets of (hard copies and soft copies) as - built drawings of all services, For Engineer's approval.	Item	1		
16.0	Allow lump sum for providing all necessary safety measures to workmen at site as directed by the Engineer.	Item	1		


17.0	Allow lump sum for demobilization, removal of all rubbish & debris and clearing up site on completion, leaving all in good order and handing over.	Item	1		
TOTAL					

**Estimate For Construction Of Staff Quarters At Uva Wellassa
University - Badulla
SUMMARY
Ground Floor**


ITEM	Description	TOTAL
1.0	DEMOLISHER	
2.0	EXCAVATOR	
3.0	CONCRETER	
4.0	FORMWORK	
5.0	REINFORCEMENT	
6.0	BRICK LAYER	
7.0	MASONRY WORK	
8.0	PAVIOR	
9.0	TILER	
10.0	CARPENTER AND JOINER	
11.0	ALUMINIUM WORKER	
12.0	BRASS FOUNDER	
13.0	IRON MONGER	
14.0	PLASTERER	
15.0	PLUMBER	
16.0	SANITARY FITTINGS	
17.0	DRAIN LAYER	
18.0	PAINTER AND DECORATOR	
19.0	ELECTRICAL INSTALLATION	
20.0	MISCELLANEOUS WORK	
21.0	Soakage Pit	
Total Civil Cost		

**Estimate for Construction of Staff Quarters at Uva Welaassa University - Badulla.
Ground Floor**


ITEM	DESCRIPTION	UNIT	QTY.	RATE (RS.)	AMOUNT (RS.)
1.0	DEMOLISHER				
1.1	Cutting and removing tree's as directed.	Nr	6.00		
	SUB TOTAL CARRIED TO SUMMARY				
2.0	EXCAVATOR				
2.1	Excavation for levelling site in any materials except rock requiring blasting, including transporting excavated soil up to 0.4Km, depositing and levelling as directed. (Bank volume).	m3	1,500.00		
2.2	Removing existing soil , including transporting soil up to 0.5Km , depositing and levelling as directed	m3	115.00		
2.3	Excavation for Foundation in any material except rock requiring blasting, part return fill in and ram and depositing surplus materials within the site as directed -Depth 0~1.5m (Bank volume).	m3	128.00		
2.4	Filling under floors by spreading, watering and compacting with approved quality Earth imported from outside in 75mm layers by manually as directed (Cost of transport of sand should be added separately) - Compacted volume. (Less than 50 m3.)	m3	60.00		
	SUB TOTAL CARRIED TO SUMMARY				
3.0	CONCRETER				
3.1	Mixing, placing, vibrating and curing 1:3:6(25mm) concrete (Machine mixing).	m3	13.00		
3.2	112x150mm Lintels in 1:2:4(20mm) cement concrete including formwork (Reinforcement will be paid separately).	m	12.00		
3.3	225x150mm Lintels in 1:2:4(20mm) cement concrete including formwork (Reinforcement will be paid separately).	m	44.00		
3.4	Mixing, placing, vibrating and curing 1:2:4(20mm) concrete in column footings (Machine mixing).	m3	20.00		


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3.5	Mixing, placing, vibrating and curing 1:2:4(20mm) concrete in column shafts (Machine mixing).	m3	20.00		
3.6	Mixing, placing, vibrating and curing 1:2:4(20mm) concrete in Plinth beams (Machine mixing).	m3	15.00		
3.7	Mixing, placing, vibrating and curing 1:2:4(20mm) concrete in Tie beams (Machine mixing).	m3	21.00		
3.8	Mixing, placing, vibrating and curing 1:2:4(20mm) concrete in stair cases (Machine mixing).	m3	8.00		
3.9	Mixing, placing, vibrating and curing 1:2:4(20mm) concrete in slabs (Machine mixing).	m3	30.00		
3.10	225 mm wide concrete drains with 900mm wide ramp in 1:3:6(25mm) concrete with 150mm to 225mm average depth, 75mm thick base and side walls inclusive of 12mm thick cement rendering in 1:3 cement sand mix. Rate shall include necessary expansion joints, formwork and excavation.	m	98.00		
3.11	225 mm wide concrete drains without ramp in 1:3:6(25mm) concrete with 150mm to 225mm average depth, 75mm thick base and side walls inclusive of 12mm thick cement rendering in 1:3 cement sand mix. Rate shall include necessary expansion joints, formwork and excavation.	m	19.00		
3.12	Supplying and placing 75mm thick Slab over drains in 1:2:4(20mm) concrete reinforced with Y10@ 150mm c/c both ways. Rate shall include reinforcement and necessary formwork.	m2	6.50		
SUB TOTAL CARRIED TO SUMMARY					
4.0	<u>FORMWORK</u>				
4.1	Supplying, fabricating, fixing and removing formwork using 25mm thick local timber planks for Column Shafts.	m2	195.00		
4.2	Supplying, fabricating, fixing and removing formwork using 25mm thick local timber planks for Plinth Beams.	m2	80.00		


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4.3	Supplying, fabricating, fixing and removing formwork using 25mm thick local timber planks for plinth Beam.	m2	112.00		
4.4	Supplying, fabricating, fixing and removing formwork using 25mm thick local timber planks for Stair Cases.	m2	24.00		
4.5	Supplying, fabricating, fixing and removing formwork using 25mm thick local timber planks for Slabs.	m2	294.00		
4.6	Supplying, fabricating, fixing and removing formwork using 25mm thick local timber planks for Column Footings.	m2	49.00		
	SUB TOTAL CARRIED TO SUMMARY				
5.0	<u>REINFORCEMENT</u>				
5.1	Supplying, cutting, bending, laying and binding (with 16 BWG binding wires) Tor Steel Reinforcement to slabs, beams, lintels, columns, stair cases, etc.	kg	7,500.00		
	SUB TOTAL CARRIED TO SUMMARY				
6.0	<u>BRICK LAYER</u>				
6.1	225mm thick brick work in 1:5 cement and sand mortar above DPC level. (Size of the brick should be L=220mm, W=105mm, H≤65mm).	m3	87.00		
6.2	112mm thick brick work in 1:5 cement and sand mortar (Size of the brick should be L=220mm, W=105mm, H≤65mm).	m2	49.00		
	SUB TOTAL CARRIED TO SUMMARY				
7.0	<u>MASONRY WORK</u>				
7.1	20 mm thick DPC in 1:3 cement sand mix finished with two coats of DPC tar and blinded with sand.	m2	43.00		
7.2	Random Rubble Masonry work for foundations in 1:5 cement, sand mortar using 150mm x 225 mm approved quality rubble.	m3	32.00		
	SUB TOTAL CARRIED TO SUMMARY				



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8.0	PAVIOR				
8.1	75mm thick concrete floor in 1:3:6(25mm) cement concrete.	m2	155.00		
8.2	Supplying and laying G1000 polythene as damp proof membrane with 150mm laps after preparing surface as directed.	m2	110.00		
8.3	Anti-termite treatment for floor. The method of treating and the chemicals to be used should be approved by the Engineer and minimum 10 year warranty certificate from a recognized organization should be provided.	m2	180.00		
	SUB TOTAL CARRIED TO SUMMARY				
9.0	TILER				
9.1	Supplying and laying 600mmx600mm Matt Ceramic Floor Tiles with exceptional quality, including 12mm thick tile bedding in 1:3 cement sand mortar and pointing with tile grout similar to the colour of tiles.(Colour, pattern and the quality should be approved by the engineer).	m2	192.00		
9.2	Supplying and laying 450mmx450mm Matt Ceramic Floor Tiles with exceptional quality, including 12mm thick tile bedding in 1:3 cement sand mortar and pointing with tile grout similar to the colour of tiles.(Colour, pattern and the quality should be approved by the engineer).	m2	35.00		
9.3	Supplying and laying 300mmx300mm Non Skid Ceramic Floor Tiles with exceptional quality, including 12mm thick tile bedding in 1:3 cement sand mortar and pointing with tile grout similar to the colour of tiles.(Colour, pattern and the quality should be approved by the engineer).	m2	20.00		
9.4	Supplying and laying 300mmx600mm Glazed Ceramic Wall Tiles with exceptional quality, including 12mm thick tile bedding in 1:3 cement sand mortar and pointing with tile grout similar to the colour of tiles.(Colour, pattern and the quality should be approved by the engineer).	m2	63.00		


9.5	Supplying and laying 100mm high Non Skid Ceramic Floor Tile Skirting with exceptional quality, including 12mm thick tile bedding in 1:3 cement sand mortar and pointing with tile grout similar to the colour of tiles.(Colour, pattern and the quality should be approved by the engineer).	m	180.00		
9.6	Supplying and laying approved quality PVC beading.	m	180.00		
	SUB TOTAL CARRIED TO SUMMARY				
10.0	<u>CARPENTER AND JOINER</u>				
10.1	Supplying and fixing 25mm thick paneled door sash in special class timber with 100x75mm frame with top FANLIGHT in special class timber complete with oxidized brass or equivalent approved quality furniture including one coat of wood primer and two coats of enamel painting to wood work. (Type and brand of door lock to be decided according to type of work and to be paid separately)	m2	7.40		
10.2	Supplying and fixing 25mm thick panelled door sash in special class timber with 100x75mm frame in special class timber complete with oxidized brass or equivalent approved quality furniture including one coat of wood primer and two coats of enamel painting to wood work. (Type and brand of door lock to be decided according to type of work and to be paid separately)	m2	19.50		
10.3	Supplying and fixing 25mm thick timber paneled and 3mm thick glazed window in special class timber with 100x75mm frame with top FANLIGHT in special class timber complete with oxidized brass or equivalent approved quality furniture, casement fasteners, casement stays, window ring, etc including one coat of wood primer and two coats of enamel painting to wood work.	m2	39.00		
10.4	Supplying and fixing 25mm thick timber paneled and 3mm thick glazed window in special class timber with 100x75mm frame in special class timber complete with oxidized brass or equivalent approved quality furniture, casement fasteners, casement stays, window ring, etc including one coat of wood primer and two coats of enamel painting to wood work.	m2	4.00		
10.5	Supplying and fixing TEMPERED FIXED GLAZED PANEL as directed.	P.S.	1.00	100,000.00	100,000.00

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	SUB TOTAL CARRIED TO SUMMARY				
11.0	<u>ALUMINIUM WORKER</u>				
11.1	Supplying, fabricating and fixing 100mm (1.6mm thick) aluminum single swing door using approved quality natural anodized aluminum extrusions sash with fully zink aluminum sheet as per given instruction including door lock, gaskets, wool felt, beadings, flush bolt, threaded bar with nut roller, door handle, etc	m2	6.00		
	SUB TOTAL CARRIED TO SUMMARY				
12.0	<u>BRASS FOUNDER</u>				
12.1	Supplying approved quality door lock as per given specifications. Door lock should be approved by the engineer and minimum market price should be Rs.4,000/= (Fixing of door lock should be paid separately)	Nr	2.00		
12.2	Supplying approved quality door lock as per given specifications. Door lock should be approved by the engineer and minimum market price should be Rs.3,500/= (Fixing of door lock should be paid separately)	Nr	10.00		
12.3	Fixing front door type lock as directed (Cost of supplying the lock is not included to the rate and should be paid separately as per client's requirement)	Nr	12.00		
	SUB TOTAL CARRIED TO SUMMARY				
13.0	<u>IRON MONGER</u>				
13.1	Fabricating and fixing Diamond Shaped Iron Grill using 5.5mm diameter M.S. bars at 75mm c/c and 70 degree angle to form 75x150mm diamond shaped grill with 12x5mm flat iron frame work. Rate shall include necessary concrete for installation and applying one coat of anticorrosive paint and two coats of enamel paint	m2	30.00		
	SUB TOTAL CARRIED TO SUMMARY				
14.0	<u>PLASTERER</u>				
14.1	16mm thick smooth plaster for walls in 1:1:5 cement lime sand mix finished smooth with lime putty	m2	647.00		
14.2	16mm thick semi rough plaster for walls in 1:1:5 cement lime sand mix finished using trowel	m2	233.00		


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14.3	20mm thick plinth plaster in 1:3 cement sand mix finished smooth with cement floating	m2	35.00		
14.4	Preparing door or window reveals in 12mm thick 1:3 cement sand mortar as directed (0mm~ 100mm)	m	432.00		
14.5	10mm thick smooth soffit plaster for concrete slabs, beams and stair cases in 1:3 cement sand mix finished smooth with lime putty	m2	259.00		
	SUB TOTAL CARRIED TO SUMMARY				
15.0	<u>PLUMBER</u>				
15.1	Supplying and fixing 12mm (1/2") bib tap - PVC	Nr	4.00		
15.2	Supplying and laying 32mm (1") Type 600 PVC pipes with all specials	m	25.00		
15.3	Supplying and laying 25mm (3/4") Type 1000 PVC pipes with all specials	m	33.00		
15.4	Supplying and laying 20mm (1/2") Type 1000 PVC pipes with all specials	m	35.00		
15.5	Supplying and laying 40mm (1 1/4") Type 600 PVC pipes with all specials	m	27.00		
15.6	Supplying and laying 50mm (1 1/2") Type 600 PVC pipes with all specials	m	10.00		
	SUB TOTAL CARRIED TO SUMMARY				
16.0	<u>SANITARY FITTINGS</u>				
16.1	Supplying and fixing ceramic closed couple water closet (Commode) with seat cover, pedestal Type ceramic wash basin, chromium plated pillar tap, bidet shower, trap, angle valve ,flexible horse, e;t;c to working order (Quality should be approved by the engineer)	Nr	2.00		
16.2	Supplying and fixing Lanka Ceramic Ltd. manufactured or equivalent approved quality square type ceramic squatting pan with foot rests and trap (Quality of squatting pan should be approved by the engineer)	Nr	2.00		
16.3	Supplying and fixing approved quality Chromium Plated Soap Tray as directed (Quality should be approved by the engineer)	Nr	4.00		


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16.4	Supplying and fixing approved quality Chromium Plated Tooth Brush Holder as directed (Quality should be approved by the engineer)	Nr	4.00		
16.5	Supplying and fixing approved quality Chromium Plated 150mm dia. Shower Rose with conceal valve (Normal) as directed (Quality should be approved by the engineer)	Nr	4.00		
16.6	Supplying and fixing approved quality Chromium Plated 600mm Towel Rail as directed (Quality should be approved by the engineer)	Nr	4.00		
16.7	Supplying and fixing approved quality 450x600mm (rectangular or oval shaped) bathroom mirror as directed (Quality should be approved by the engineer)	Nr	4.00		
	SUB TOTAL CARRIED TO SUMMARY				
17.0	<u>DRAIN LAYER</u>				
17.1	Construction of Manholes (internal size 600x600mm) depth up to 600mm with 150mm thick base in 1:3:6(25) concrete, 225mm thick brick walls and rendering in 1:3 cement sand mix including forming channel and 75mm thick removable concrete cover in 1:2:4(20) concrete reinforced with R6@75mm c/c both ways and plastered all exposed surfaces with 1:3 cement sand mix	Nr	4.00		
17.2	Supplying and laying approved quality 110mm (4") PVC (type 400) pipes on 150mm thick 1:3:6(25m) concrete layer and covered with 1:3:6(25m) concrete with 50mm minimum cover including excavation and backfilling	M	36.00		
17.3	Supplying and fixing approved quality drainage gully and grate PVC	Nr	4.00		
	SUB TOTAL CARRIED TO SUMMARY				
18.0	<u>PAINTER AND DECORATOR</u>				

18.1	Applying one coat of approved quality wall primer and two coats of approved quality emulsion paint to new walls after applying lime putty and sand papering, applying plaster of Paris and preparing surface as directed.	m2	930.00		
18.2	Applying one coat of approved quality wall primer and two coats of approved quality weather shield paint to new walls after applying lime putty and sand papering, applying plaster of Paris and preparing surface as directed.	m2	294.00		
	SUB TOTAL CARRIED TO SUMMARY				
19.0	<u>ELECTRICAL INSTALLATION</u>				
19.1	Supplying and fixing approved quality CFL Bulb (23W) wired through a 5 Amp switch using 2x1/1.13mm Cu\PVC\PVC (1sq.mm) wires in fully concealed PVC conduits or surface plastic casing and capping as directed. Rate shall include switch, sun box, ceiling rose, holder, etc. (Quality should be approved by the engineer) (bulb will be paid separately.)	Nr	34.00		
19.2	Supplying and fixing approved quality C.F.L.lamp 2 ,, wired through a 5 Amp 2 way, 2 Gang, switch 2,using 2x1/1.13mm Cu\PVC\PVC (1sq.mm) wires in fully concealed PVC conduits or surface plastic casing and capping as directed. Rate shall include switch, sun box, ceiling rose, holder, etc	Nr	2.00		
19.3	Supplying and fixing 1200mm sweep ceiling fan with fan regulator wired through 2x1/1.13mm Cu\PVC\PVC (1sq.mm) wires and 1x7/0.67mm Cu\PVC (2.5sq.mm) earth wire in fully concealed PVC conduits or surface plastic casing and capping as directed. KDK(Original), USHA (Original) or equivalent approved by the engineer	Nr	10.00		
19.4	Supplying and fixing approved quality 5 Amp socket outlet wired through 2x1/1.13mm Cu\PVC\PVC (1sq.mm) wires and 1x7/0.67mm Cu\PVC (2.5sq.mm) earth wire in fully concealed PVC conduits or surface plastic casing and capping as directed. (Quality should be approved by the engineer)	Nr	20.00		

19.5	Supplying and fixing approved quality 15 Amp socket outlet 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 surface plastic casing and capping as directed. (Supplying 7/0.67mm Cu\PVC\PVC(T)-2.5sq.mm wire will be paid separately), (Quality should be approved by the engineer)	Nr	4.00		
19.6	Supplying and fixing of approved quality 40 Amp single phase main switch to working order (Quality should be approved by the engineer)	Nr	2.00		
19.7	Supplying and fixing of approved quality 40 Amp/30 mA single phase RCCB (Trip switch) to working order (Quality should be approved by the engineer)	Nr	2.00		
19.8	Supplying and fixing of approved quality 10 way distribution board with thermos plastic frame with door to working order.(main switch, trip switch, and circuit breakers paid separately. (Quality should be approved by the engineer)	Nr	2.00		
19.9	Supplying and fixing 1800mm long 50mm dia. (1.8 mm) GI earth pipe as directed including 600x600 internal size 600mm depth with 75mm thk base in 1:3:6(25mm) concrete reinforced with R6@75mm c/c b/w & plaster all exposed surfaces.	Nr	2.00		
19.10	Supplying and fixing 50x50x5.8 mm Angle Iron as directed and applying two coats of anti-corrosive paint	m	4.00		
19.11	Supplying and fixing 7/0.67mm Cu\PVC (2.5sq.mm) earth wire as directed	m	19.00		
19.12	Supplying 7/0.67mm Cu\PVC\PVC(T)-2.5sq.mm wire (Quality should be approved by the engineer)	m	30.48		
19.13	Supplying and fixing approved quality Electrical Bell complete with necessary wiring, switch, to working order (Quality should be approved by the engineer)	Nr	2.00		
19.14	Supplying and fixing 7/1.04 Cu\PVC\PVC (T) - 6 sq.mm main wire as directed	m	10.00		
	SUB TOTAL CARRIED TO SUMMARY				


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20.0	<u>MISCELLANEOUS WORK</u>				
20.1	Supplying and fixing STAIRCASE Hand Railing With G.I pipe, flat iron, as directed. as per given instruction with draft 01	m	9.50		
20.2	Supplying and roofing with 0.47mm thick colour coated Zink Aluminum metal roofing sheets on 100x50x2mm galvanized lip panel frame work with all specials (Brand, Profile and Colour of the sheets should be approved by the engineer).	m2	14.00		
20.3	Supplying, forming, with 225mm bolts & painting or polishing 50x100mm special class timber as directed.	m	103.00		
20.4	Supplying and laying Decorate Surface Stones, As Directed. For Column, Wall,(Fair Face Dress)	P.S.	473.00	331,100.00	331,100.00
20.5	Construction and Maintenance Site Office	P.S.	1.00	35,000.00	35,000.00
20.6	Temporary Electricity to The Site	P.S.	1.00	25,000.00	25,000.00
20.7	Supplying and fixing Steel Ladder For Water Tank	Nr	2.00		
20.8	Providing Electricity Supply For Quarters 04 Nr	P.S.	1.00	250,000.00	250,000.00
20.9	Providing Permanent Water Supply For Quarters 04 Nr	P.S.	1.00	150,000.00	150,000.00
	SUB TOTAL CARRIED TO SUMMARY				
21.0	<u>Soakage Pit</u>				
21.1	Excavation for Pit in any material except rock requiring blasting and depositing the excavated soil within 30m distance as directed -Depth 0~1.5m (Bank volume).	m3	12.00		
21.2	Excavation for Pit in any material except rock requiring blasting and depositing the excavated soil within 30m distance as directed Depth 1.5~3.0m (Bank volume).	m3	13.00		
21.3	Mixing, placing, vibrating and curing 1:3:6(25mm) concrete (Machine mixing).	m3	1.00		

21.4	Supplying and placing 75mm thick Slab over Pit in 1:2:4(20mm) concrete reinforced with Y10@ 150mm c/c both ways. Rate shall include reinforcement and necessary formwork.	m2	11.00		
21.5	Mixing, placing, vibrating and curing 1:2:4(20mm) concrete in beams (Hand mixing).	m3	0.10		
21.6	Supplying, fabricating, fixing and removing formwork using 25mm thick local timber planks for Beams.	m2	6.00		
21.7	Supplying, cutting, bending, laying and binding (with 16 BWG binding wires) Mild Steel Reinforcement to beams, etc (Diameter equal to 6mm).	kg	3.00		
21.8	Supplying, cutting, bending, laying and binding (with 16 BWG binding wires) Tor Steel Reinforcement to beams, etc.	kg	6.00		
21.9	225mm thick brick work in 1:5 cement and sand mortar (Size of the brick should be L=220mm, W=105mm, H≤65mm).	m3	14.00		
21.10	12mm thick cement Plastering in 1:3 cement sand mortar finished smooth with cement floating	m2	25.00		
	SUB TOTAL CARRIED TO SUMMARY				
2.00	<u>Retaining Wall</u>				
1.0	<u>Excavation</u>				
1.1	Excavation for Foundation in any material except rock requiring blasting, part return fill in and ram and depositing surplus materials within the site as directed -Depth 0~1.5m (Bank volume).	m3	783.00		
1.2	Filling under floors by spreading, watering and compacting with approved quality Gravel imported from outside in 75mm layers by manually as directed (Cost of transport of gravel should be added separately) - Compacted volume.	m3	115.00		
2.0	<u>CONCRETER</u>				

2.1	Mixing, placing, vibrating and curing 1:3:6(25mm) concrete (Machine mixing).	m3	11.00		
2.2	Mixing, placing, vibrating and curing 1:2:4(20mm) concrete in Wall footings (Machine mixing).	m3	145.00		
4.0	<u>RAINFORCEMENT</u>				
4.1	Supplying, cutting, bending, laying and binding (with 16 BWG binding wires) Mild Steel Reinforcement to beams, etc (Diameter equal to 6mm).	kg	1,600.00		
5.0	Supplying and laying 63mm (2") Type 600 PVC pipes as weep hole .	m	105.00		
6.0	Packing available rubble and aggregate filter layers behind masonry wall.(Rubble should be paid separately)	m3	200.00		
7.0	Supplying & laying Geotextile behind R/wall as directed	m2	180.00		
8.0	Supplying and laying G1000 polythene as damp proof membrane with 150mm laPS after preparing surface as directed.	m2	165.00		
	Sub Total R/Wall				
3.00	Allow for Access Road Service & Landscaping	PS		901,904.67	901,904.67
	Sub Total			901,904.67	901,904.67

Estimate for Proposed Staff Quarters at Uva Wellassa University First Floor


First Floor

SUMMARY

ITEM		TOTAL
1.0	CONCRETER	
2.0	FORMWORK	
3.0	REINFORCEMENT	
4.0	BRICK LAYER	
5.0	PAVIOR	
6.0	TILER	
7.0	ROOFER	
8.0	CARPENTER AND JOINER	
9.0	ALUMINIUM WORKER	
10.0	BRASS FOUNDER	
11.0	IRON MONGER	
12.0	PLASTERER	
13.0	PLUMBER	
14.0	SANITARY FITTINGS	
15.0	ROOF PLUMBER	
16.0	TINKER	
17.0	DRAIN LAYER	
18.0	PAINTER AND DECORATOR	
19.0	ELECTRICAL INSTALLATION	
20.0	MISCELLANEOUS WORK	
Total Civil Cost		

**Estimate for Construction of Staff Quarters at Uva Wellassa University - Badulla
First Floor**


ITEM	DESCRIPTION	UNIT	QTY.	RATE (RS.)	AMOUNT (RS.)
1.0	CONCRETER				
1.1	225x150mm Lintels in 1:2:4(20mm) cement concrete including formwork (Reinforcement will be paid separately).	m	46.00		
1.2	112x150mm Lintels in 1:2:4(20mm) cement concrete including formwork (Reinforcement will be paid separately).	m	14.00		
1.3	Mixing, placing, vibrating and curing 1:2:4(20mm) concrete in column shafts (Machine mixing).	m3	15.00		
1.4	Mixing, placing, vibrating and curing 1:2:4(20mm) concrete in beams (Machine mixing).	m3	10.00		
1.5	Mixing, placing, vibrating and curing 1:2:4(20mm) concrete in slabs (Machine mixing).	m3	3.00		
1.6	Mixing, placing, vibrating and curing 1:3:6(25mm) concrete (Hand mixing).	m3	2.00		
	SUB TOTAL CARRIED TO SUMMARY				
2.0	FORMWORK				
2.1	Supplying, fabricating, fixing and removing formwork using 25mm thick local timber planks for Column Shafts.	m2	160.00		
2.2	Supplying, fabricating, fixing and removing formwork using 25mm thick local timber planks for Beams.	m2	11.00		
2.3	Supplying, fabricating, fixing and removing formwork using 25mm thick local timber planks for Slabs.	m2	16.00		
2.4	Supplying, fabricating, fixing and removing formwork using 25mm thick local timber planks for Balcony Top Wall.	m2	10.00		


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2.5	Supplying and placing 75mm thick Slab over drains in 1:2:4(20mm) concrete reinforced with Y10@150mm c/c both ways. Rate shall include reinforcement and necessary formwork.	m2	4.00			
	SUB TOTAL CARRIED TO SUMMARY					
3.0	REINFORCEMENT					
3.2	Supplying, cutting, bending, laying and binding (with 16 BWG binding wires) Tor Steel Reinforcement to slabs, beams, lintels, columns, etc.	kg	2000.00			
	SUB TOTAL CARRIED TO SUMMARY					
4.0	BRICK LAYER					
4.1	225mm thick brick work in 1:5 cement and sand mortar above DPC level. (Size of the brick should be L=220mm, W=105mm, H≤65mm).	m3	145.00			
4.2	112mm thick brick work in 1:5 cement and sand mortar (Size of the brick should be L=220mm, W=105mm, H≤65mm).	m2	80.00			
	SUB TOTAL CARRIED TO SUMMARY					
5.0	PAVIOR					
5.1	Application two coat of liquid polymer cement water proofing agent for, wet areas of toilets and bathrooms, etc. The water proofing material and the method of water proofing should be approved by the engineer.	m2	72.00			
	SUB TOTAL CARRIED TO SUMMARY					
6.0	TILER					
6.1	Supplying and laying 600mmx600mm Matt Ceramic Floor Tiles with exceptional quality, including 12mm thick tile bedding in 1:3 cement sand mortar and pointing with tile grout similar to the colour of tiles.(Colour, pattern and the quality should be approved by the engineer).	m2	196.00			

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6.2	Supplying and laying 300mmx300mm Non Skid Ceramic Floor Tiles with exceptional quality, including 12mm thick tile bedding in 1:3 cement sand mortar and pointing with tile grout similar to the colour of tiles.(Colour, pattern and the quality should be approved by the engineer).	m2	20.00			
6.3	Supplying and laying 300mmx600mm Glazed Ceramic Wall Tiles with exceptional quality, including 12mm thick tile bedding in 1:3 cement sand mortar and pointing with tile grout similar to the colour of tiles. (Colour, pattern and the quality should be approved by the engineer).	m2	60.00			
6.4	Supplying and laying 100mm high Non Skid Ceramic Floor Tile Skirting with exceptional quality, including 12mm thick tile bedding in 1:3 cement sand mortar and pointing with tile grout similar to the colour of tiles.(Colour, pattern and the quality should be approved by the engineer).	m	205.00			
6.5	Supplying and laying approved quality PVC beading.	m	205.00			
	SUB TOTAL CARRIED TO SUMMARY					
7.0	ROOFER					
7.1	Supplying and roofing with Corrugated asbestos roofing sheets on special class timber frame consist of 100mmx50mm rafters and 50mmx50mm bearers with maximum spacing of 1200mm centre to centre. Each asbestos sheet should be supported by three bearers and should be fixed to each bearer in two positions using J-bolts. Rate shall include treating timber with approved quality wood preservative. (Quality of timber and asbestos sheets should be approved by the engineer).	m2	418.00			
7.2	Supplying and laying approved quality double side 3-4mm thick Aluminium Foil and 3"x3" mesh (gauge 17) with necessary fasteners, etc.as directed (Quality of foil and mesh should be approved by the engineer).	m2	388.00			



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7.3	Supplying and fixing Ridging with asbestos cement close fitting ridges with necessary bolts, etc.	m	35.00			
7.4	Supplying, fabricating and fixing Steel Roof Web Truss of 300mm wide using 50x50x5.8 mm double angle iron main bars and 50x50x5.8 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	40.00			
8.0	CARPENTER AND JOINER					
8.1	Supplying, making and fixing valance boards, of minimum of 20mm finished thickness and 225 mm width in Sapu or higher quality timber approved by the engineer and completing with necessary iron screws, etc. including treating timber with wood preservative and two coats of enamel paint	m	177.00			
8.2	Supplying and fixing Exposed Rafter asbestos ceiling, including 38mmx12mm beadings of class I timber. Rate shall include Exposed rafter, beadings, painting with approved quality Polyurethane varnish, applying one coat of primer and 2 coats of emulsion paint to asbestos sheets. (Quality of asbestos sheets, beadings should be approved by the engineer)	m2	226.00			
8.3	Supplying and fixing Flat asbestos ceiling with class I timber framework consists of 100x50mm joists at 1200mm centres and 50x50mm bearers at 600mm centres including 38mmx12mm beadings and 38x38mm mouldings of class II timber. Rate shall include treating all timber work using approved quality wood preservatives, applying one coat of primer and 2 coats of emulsion paint to asbestos sheets and two coats of enamel paint to beadings and mouldings. (Quality of timber, asbestos sheets, beadings and mouldings should be approved by the engineer)	m2	84.63			


8.4	Supplying and fixing Flat asbestos eave ceiling with special class timber framework consists of 50x50mm bearers at 600mm centres including 38mmx12mm beadings and 38x38mm mouldings of class I timber. Rate shall include treating all timber work using approved quality wood preservatives, applying one coat of primer and 2 coats of emulsion paint to asbestos sheets and two coats of enamel paint to beadings and mouldings (Quality of timber, asbestos sheets, beadings and mouldings should be approved by the engineer)	m2	92.00			
8.5	Supplying and fixing 150x50 mm special class timber as directed including treating with approved quality wood preservative	m	54.00			
8.6	Supplying and fixing 100x75 mm special class timber as directed including treating with approved quality wood preservative	m	70.00			
8.7	Supplying and fixing 150x75 mm special class timber as directed including treating with approved quality wood preservative	m	19.00			
8.8	Supplying and fixing 25mm thick panelled door sash in special class timber with 100x75mm frame with top FANLIGHT in special class timber complete with oxidized brass or equivalent approved quality furniture including one coat of wood primer and two coats of enamel painting to wood work. (Type and brand of door lock to be decided according to type of work and to be paid separately)	m2	8.00			
8.9	Supplying and fixing 25mm thick panelled door sash in special class timber with 100x75mm frame in special class timber complete with oxidized brass or equivalent approved quality furniture including one coat of wood primer and two coats of enamel painting to wood work. (Type and brand of door lock to be decided according to type of work and to be paid separately)	m2	21.00			

8.10	Supplying and fixing 25mm thick timber panelled and 3mm thick glazed window in special class timber with 100x75mm frame with top FANLIGHT in special class timber complete with oxidized brass or equivalent approved quality furniture, casement fasteners, casement stays, window ring, etc. including one coat of wood primer and two coats of enamel painting to wood work.	m2	47.00			
8.11	Supplying and fixing 25mm thick timber panelled and 3mm thick glazed window in special class timber with 100x75mm frame in special class timber complete with oxidized brass or equivalent approved quality furniture, casement fasteners, casement stays, window ring, etc. Including one coat of wood primer and two coats of enamel painting to wood work.	m2	4.00			
8.12	Supplying and fixing TEMPERED FIXED GLAZED PANEL as directed.	P.S.	1.00	100,000.00	100,000.00	
	SUB TOTAL CARRIED TO SUMMARY					
9.0	<u>ALUMINIUM WORKER</u>					
9.1	Supplying, fabricating and fixing 100mm (1.6mm thick) aluminium single swing door using approved quality natural anodized aluminium extrusions sash with fully zinc aluminium sheet as per given instruction including door lock, gaskets, wool felt, beadings, flush bolt, threaded bar with nut roller, door handle, etc.	m2	6.74			
	SUB TOTAL CARRIED TO SUMMARY					
10.0	<u>BRASS FOUNDER</u>					
10.1	Supplying approved quality door lock as per given specifications. Door lock should be approved by the engineer and minimum market price should be Rs.4,000/= (Fixing of door lock should be paid separately)	Nr	2.00			

10.2	Supplying approved quality door lock as per given specifications. Door lock should be approved by the engineer and minimum market price should be Rs.3,500/= (Fixing of door lock should be paid separately)	Nr	10.00			
10.3	Fixing front door type lock as directed (Cost of supplying the lock is not included to the rate and should be paid separately as per client's requirement)	Nr	12.00			
	SUB TOTAL CARRIED TO SUMMARY					
11.0	IRON MONGER					
11.1	Fabricating and fixing Diamond Shaped Iron Grill using 5.5mm diameter M.S. bars at 75mm c/c and 70-degree angle to form 75x150mm diamond shaped grill with 12x5mm flat iron frame work. Rate shall include necessary concrete for installation and applying one coat of anticorrosive paint and two coats of enamel paint	m2	37.00			
	SUB TOTAL CARRIED TO SUMMARY					
12.0	PLASTERER					
12.1	16mm thick smooth plaster for walls in 1:1:5 cement lime sand mix finished smooth with lime putty	m2	856.00			
12.2	16mm thick semi rough plaster for walls in 1:1:5 cement lime sand mix finished using trowel	m2	316.00			
12.3	Preparing door or window reveals in 12mm thick 1:3 cement sand mortar as directed (0mm~ 100mm)	m	431.00			
12.4	10mm thick rough plaster for concrete columns in 1:3 cement sand mix finished using sponge.	m2	30.00			
	SUB TOTAL CARRIED TO SUMMARY					
13.0	PLUMBER					
13.1	Supplying and fixing 12mm (1/2") bib tap - PVC	Nr	4.00			
13.2	Supplying and laying 32mm (1") Type 600 PVC pipes with all specials	m	19.00			



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13.3	Supplying and laying 25mm (3/4") Type 1000 PVC pipes with all specials	m	34.00			
13.4	Supplying and laying 20mm (1/2") Type 1000 PVC pipes with all specials	m	61.00			
13.5	Supplying and laying 40mm (1 1/4") Type 600 PVC pipes with all specials	m	34.00			
13.6	Supplying and laying 50mm (1 1/2") Type 600 PVC pipes with all specials	m	13.00			
13.7	Supplying and laying 110mm (4") Type 400 PVC pipes with all specials	m	19.00			
13.8	Supplying and fixing 25mm (1") ball valve - PVC	Nr	4.00			
13.9	Supplying and fixing 25mm (1") gate valve - PVC	Nr	4.00			
	SUB TOTAL CARRIED TO SUMMARY					
14.0	<u>SANITARY FITTINGS</u>					
14.1	Supplying and fixing ceramic closed couple water closet (Commode) with seat cover, pedestal Type ceramic wash basin, chromium plated pillar tap, bidet shower, trap, angle valve ,flexible horse, etc. to working order (Quality should be approved by the engineer)	Nr	2.00			
14.2	Supplying and fixing Lanka Ceramic Ltd. manufactured or equivalent approved quality square type ceramic squatting pan with foot rests and trap (Quality of squatting pan should be approved by the engineer)	Nr	2.00			
14.3	Supplying and fixing approved quality Chromium Plated Soap Tray as directed (Quality should be approved by the engineer)	Nr	4.00			
14.4	Supplying and fixing approved quality Chromium Plated Tooth Brush Holder as directed (Quality should be approved by the engineer)	Nr	4.00			
14.5	Supplying and fixing approved quality Chromium Plated 150mm dia. Shower Rose with conceal valve (Normal) as directed (Quality should be approved by the engineer)	Nr	4.00			



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14.6	supplying and fixing approved quality Chromium Plated 600mm Towel Rail as directed (Quality should be approved by the engineer)	Nr	4.00			
14.7	Supplying and fixing approved quality 450x600mm (rectangular or oval shaped) bathroom mirror as directed (Quality should be approved by the engineer)	Nr	4.00			
	SUB TOTAL CARRIED TO SUMMARY					
15.0	<u>ROOF PLUMBER</u>					
15.1	Supplying and fixing 0.47 mm thick Zink Aluminium rainwater eave gutters of girth 450~700mm as directed. Rate shall include lap lengths, gutter brackets, endplates, expansion joints, etc.	m	48.00			
15.2	Supplying and fixing 150x150mm Zink Aluminium colour coated down pipes as directed. Rate shall include all necessary nozzles, offsets, bends, cliPS, etc.	m	69.00			
15.3	Supplying and fixing 300x300mm gutter boxes in Zink Aluminium colour coated metal sheets including necessary fittings	Nr	6.00			
	SUB TOTAL CARRIED TO SUMMARY					
16.0	<u>TINKER</u>					
16.1	Valley gutters using 0.47mm Zn/Al sheet 900mm wide GI sheets by laying on 25mm thick class I timber boards,150mmx50mm special class timber, sheet tarred, joints soldered and cement lime filleting complete as directed.	m	24.00			
	SUB TOTAL CARRIED TO SUMMARY					
17.0	<u>DRAIN LAYER</u>					

17.1	Construction of Manholes (internal size 600x600mm) depth up to 600mm with 150mm thick base in 1:3:6(25) concrete, 225mm thick brick walls and rendering in 1:3 cement sand mix including forming channel and 75mm thick removable concrete cover in 1:2:4(20) concrete reinforced with R6@75mm c/c both ways and plastered all exposed surfaces with 1:3 cement sand mix	Nr	4.00			
17.2	Supplying and laying approved quality 110mm (4") PVC (type 400) pipes on 150mm thick 1:3:6(25m) concrete layer and covered with 1:3:6(25m) concrete with 50mm minimum cover including excavation and backfilling	m	37.00			
17.3	Supplying and fixing approved quality drainage gully and grate PVC	Nr	4.00			
	SUB TOTAL CARRIED TO SUMMARY					
18.0	<u>PAINTER AND DECORATOR</u>					
18.1	Applying one coat of approved quality wall primer and two coats of approved quality emulsion paint to new walls after applying lime putty and sand papering, applying plaster of Paris and preparing surface as directed.	m2	791.00			
18.2	Applying one coat of approved quality wall primer and two coats of approved quality weather shield paint to new walls after applying lime putty and sand papering, applying plaster of Paris and preparing surface as directed.	m2	292.00			
	SUB TOTAL CARRIED TO SUMMARY					
19.0	<u>ELECTRICAL INSTALLATION</u>					
19.1	Supplying and fixing approved quality CFL Bulb (23W) wired through a 5 Amp switch using 2x1/1.13mm Cu\PVC\PVC (1sq.mm) wires in fully concealed PVC conduits or surface plastic casing and capping as directed. Rate shall include switch, sun box, ceiling rose, holder, etc (Quality should be approved by the engineer)	Nr	33.00			


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19.2	Supplying and fixing 1200mm sweep ceiling fan with fan regulator wired through 2x1/1.13mm Cu\PVC\PVC (1sq.mm) wires and 1x7/0.67mm Cu\PVC (2. 5sq.mm) earth wire in fully concealed PVC conduits or surface plastic casing and capping as directed. KDK(Original), USHA (Original) or equivalent approved by the engineer	Nr	10.00			
19.3	Supplying and fixing approved quality 5 Amp socket outlet wired through 2x1/1.13mm Cu\PVC\PVC (1sq.mm) wires and 1x7/0.67mm Cu\PVC (2. 5sq.mm) earth wire in fully concealed PVC conduits or surface plastic casing and capping as directed. (Quality should be approved by the engineer)	Nr	20.00			
19.4	Supplying and fixing approved quality 15 Amp socket outlet 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 surface plastic casing and capping as directed. (Supplying 7/0.67mm Cu\PVC\PVC(T)-2.5sq.mm wire will be paid separately), (Quality should be approved by the engineer)	Nr	4.00			
19.5	Supplying and fixing of approved quality 40 Amp single phase main switch to working order (Quality should be approved by the engineer)	Nr	2.00			
19.6	Supplying and fixing of approved quality 40 Amp/30 mA single phase RCCB (Trip switch) to working order (Quality should be approved by the engineer)	Nr	2.00			
19.7	Supplying and fixing of approved quality 10-way distribution board with thermos plastic frame with door to working order. (main switch, trip switch, and circuit breakers paid separately. (Quality should be approved by the engineer)	Nr	2.00			
19.8	Supplying and fixing 1800mm long 50mm dia. (1.8 mm) GI earth pipe as directed	Nr	2.00			
19.9	Supplying and fixing 50x50x5.8 mm Angle Iron as directed and applying two coats of anti-corrosive paint	m	4.00			


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19.10	Supplying and fixing 7/0.67mm Cu\PVC (2.5sq.mm) earth wire as directed	m	28.00			
19.11	Supplying 7/0.67mm Cu\PVC\PVC(T)-2.5sq.mm wire (Quality should be approved by the engineer)	m	74.00			
19.12	Supplying and fixing approved quality Electrical Bell complete with necessary wiring to working order (Quality should be approved by the engineer)	Nr	2.00			
19.13	Supplying and fixing 7/1.04 Cu\PVC\PVC (T) - 6 sq.mm main wire as directed	m	13.00			
	SUB TOTAL CARRIED TO SUMMARY					
20.0	MISCELLANEOUS WORK					
20.1	Supplying and fixing Balcony Hand Railing with G.I pipe as directed. as per given instruction with draft 01	m	23.09			
20.2	Supplying and Placing 1000L Plastic Water Tank as directed.	Nr	4.00			
20.3	Supplying and fixing special class timber. Including Painting with approved quality varnish. Steel bracket, Anchor Bolts, as directed. For timber prop's	m3	0.10			
	SUB TOTAL CARRIED TO SUMMARY					

Section -8
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
Uwa Wellassa University
Passara Road
Badulla

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.

[Signature of authorized representative(s)]

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. 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) Cost of negotiations for any land required by the Contractor in addition to that made available to him free of charge;
 - (b) The subsequent removal of the Contractor's site accommodation and quarrying facilities and the reinstatement of the area on completion of the Contract;
 - (c) 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 be 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.

Check List for Bidders

Bidders are advised to fill the following table:

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

Date:.....

Signature of Bidder:.....

Section – 9
DRAWINGS