

**UVA WELLASSA UNIVERSITY OF
SRI LANKA**

**INVITATION FOR BIDS
FOR
EXPANSION OF MEDICAL CENTER
(UWU/CW/NCB/26/03)**

Bidder's Name:

Address:

Date:

Non-refundable fee receipt no. & date:

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INVITATION FOR BIDS

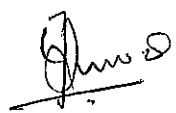
INVITATION FOR BIDS

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 **Expansion of Medical Center , Uva Wellassa University of Sri Lanka** as described in section – 4.
2. Bids are invited through the National Competitive Bidding Procedure. Evaluation of the bids will be based on the latest Public Finance Circular valid at the time of closing of the bids.
3. To be eligible for contract award, the successful bidder shall not have been blacklisted and shall meet the **C4, C5 or C6 CIDA** registration specializes in building construction.
4. Following qualifications will be considered when evaluating the bids
 - Experience in completion of at least one similar nature of RCC building work of an extent of 2,500.00 square feet or above during the last three years.
 - Average value of turn over maintained in last five years should be Rs.63.00 Mn
 - Financial capability & stability.
 - Financial & physical progress.
 - Qualification information table in section 4 and 5 in this document shall be duly filled correctly and shall be complied as well as the Schedule of Material and Standards and Proposal(s) by the Bidder. These will be considered during the evaluation process.
5. A complete set of Bidding Documents in English language may be purchased by interested bidders on the submission of a written application to the **Senior Assistant Registrar / Capital Works Division Uva Wellassa University of Sri Lanka** from **10.08.2026 to 28.08.2026 from 9.00 a.m. to 3.00 p.m.** upon payment of a non-refundable fee of **Rs 6,000.00**. The method of payment will be in cash to the shroff counter or deposit to the BOC account No 3114820 of Uva Wellassa University and the slip of the deposit should be included in the bid document. Bid documents can be inspected free of charge.
6. All bids shall be accompanied by a Bid Security. If bid security is paid in cash the amount should be **Rs.550,000.00** 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 28.12.2026** and duration shall be expandable upon requite by the employer.

7. Duly completed bid documents with a duplicate should be submitted to the relevant Procurement committee before **2.00 p.m. on 31.08.2026** & the bid documents shall mark as **"Original" & "Duplicate"** (Duplicate should be a certified photocopy of the original) in separate covers & two covers shall be placed in single sealed cover marked the name of relevant work at the left side top corner. The sealed bid document should be send to either by registered post addressed to **The Chairman, Procurement Committee, Uva Wellassa University of Sri Lanka, Badulla** or placed in the tender box kept at the office. Late bids will be rejected.
8. Interested bidders may obtain further information either from **Senior Assistant Registrar/ Capital Works Division, Uva Wellassa University of Sri Lanka -055-3050847**.
9. Bids shall be valid up to **30.11.2026**.
10. Bids will be opened at **2.00 p.m on 31.08.2026** at the **Uva Wellassa University of Sri Lanka** in the presence of the bidder's representatives who choose to attend.
11. Pre-Bid Meeting will be held on **20.08.2026** at **10.00a.m** at the **Maintenance office of the, Uva Wellassa University of Sri Lanka** and subsequently site visit will be arranged at which prospective Bidders may request clarification of the project requirements.
12. Method of Evaluation & Selection: Bids shall be evaluated separately and accordingly substantially responsive lowest evaluated bidder will be selected for the award.
13. The procurement committee retains full right in either accepting or rejecting any eligible one from among the bids received & the decision of the procurement committee in this regard shall be the final.

The Chairman,
Procurement committee,
Uva Wellassa University of Sri Lanka


Senior Assistant Registrar
Capital Works Division
Uva Wellassa University of Sri Lanka
Badulla

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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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 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 Depositingin cash at.....
5. 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.)

6. The Bidder is liable to get an advance payment of 30% of the Civil Cost of Agreement by forwarding an Advance security drawn in favour of theissued 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 be forfeited by the and your name will be black listed.
8. You should inform in writing, thewith copy to the Vice Chancellor of Uva Wellassa University, regarding 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 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 thebetween 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 & 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 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: :.....
2. Name :.....
Signature :.....
Address :.....
N.I.C: :.....

1. 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: **Expansion of Medical Centre**
(UWU/CW/NCB/26/03)
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

CIDA Registration	
Registration number	 <i>Attach copies of relevant pages from the registration book</i>
Grade (C3 , C4 or C5)	
Specialty	Buildings
Expiry Date	
Qualifications	<i>(Details should be submitted as per ITB Clause No.4.4).</i>
Blacklisted 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 and relevant Certificates 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 03 years	<i>Attach copies of Certificate of Completion etc., as annex__</i>
Should have successfully completed at least one similar nature of work above 2500 square feet	
Year	
Year	
Year	
Year	
Year	
Major items of construction equipment proposed	
Qualification and experience of key staff – Site & Head Office	<i>Attach as annex</i>
Financial Capabilities	<i>Attach copies of Audited financial statements of last 5 years</i>
Other information requested under ITB Clause 4	Average value of turn over maintained in last five years should be 63.00 Million Rupees or higher at NPV <i>(Must Attach copies of Audited financial statements of last 5 years)</i>
Written power of attorney of the signatory to the Bid	<i>Provide original or certified copy of the power of attorney attested by a Notary and label as attachment to Appendix</i>

SECTION - 5
BIDDING DATA & CONTRACT DATA

BIDDING DATA

Instructions to Bidders

Clause Reference

(1.1)	The Employer's Name and Address Name: Vice Chancellor, Uva Wellassa University of Sri Lanka Address: Uva Wellassa University of Sri Lanka, Passara Road, Badulla.
(1.1)	Scope of Works: Civil works, data network etc,.
(1.2)	Time for completion Intended Completion Date is 8 months from the date of Commencement
(1.3)	The office for collection of bid forms is Capital Works Division, Uva Wellassa University of Sri Lanka, Passara Road, Badulla. The non-refundable fee is Rupees 6,000.00 , payable in cash. The Bid forms will be issued from 30.07.2026 to 20.08.2026 from 9.00 AM to 3.00 PM on working days
(2.1)	Source of Funds: GOSL Funds
(4.2)	The Registration Required Specialty: Building construction Grade: C4 , C5 or C6
(4.3)	Qualification Information The following information shall be provided. * CIDA Registration; Registration number Grade Specialty Expiry Date • VAT Registration number • Construction Programme • Legal Status (Sole proprietor, Partnership, Company etc.) • Total monetary value of construction work performed for each of the last five years • Experience in works of a similar nature and size for last five years • Major items of construction equipment proposed to carry out the contract • Qualifications and experience of key site management and technical personnel proposed for the contract; - Any other

(4.4)	• Average value of turn over maintained in last five years should be 63.00 million Rupees. (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) • Minimum one building Project of similar nature of an extent of 2,500 square feet or above should be completed during last three years. (Relevant supporting documents such as BOQ, agreement, letter of award, completion certificate etc. should be attached with the bid). • Bidder should register under the public contract Act No.03 of 1987 for works that have a civil work value of Rs.5 million and above and the PCA-03 certificate of registration should be submitted along with the bid. Bids without the certificate of registration will be rejected.
	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)
	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 16.00 million. (Audit balance sheet, credit facility letter from bank etc. Should be attached)
(9.1)	Clarification of Bidding Documents Capital Works Division, Uva Wellassa University of Sri Lanka, Passara Road, Badulla. Phone:055 3050847 Fax; 055 2226633
(11.1)	The language of the bidding document shall be English.
(13.2)	• The bidder shall fill in rates & 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 & shall be deemed covered by the other rates & prices in the Bill of Quantities. • If bidder observes the preliminary items & sums are not adequate or not included, the cost of the sum should be included to the quoted rates.
(13.3)	• 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. • Contractor is entitled only for the payment of VAT as a government tax.
(13.4)	Adjustment for Change in Cost The Contract is subjected to price adjustment in accordance with Clause no.47 of the Conditions of Contract.
(15.1)	Period of Bid Validity-Up to 23.11.2026

(16.2)	Amount of Bid Security The Amount of Bid Security should be Rs. 550,000.00. If the Bid Security is not paid in cash, a Bid Bond should be attached to the Bid & 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.
	Validity of Bid Security Bid security should be valid up to 21.11.2026 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)
(17.0)	Pre Bid Meeting: - Date & Time: 11.08. 2026 on 10.00 AM Venue: Maintenance Office
(19.2) a	The Employer's address f/or Bid submission Uva Wellassa University of Sri Lanka, Passara Road, Badulla.
(20.1)	Deadline for submission of Bids Deadline for submission of Bids - Before 2.00 p.m on 20.08. 2026.
(23)	Bid Opening Venue, time and date of bid opening: Venue: Senate Building, Uva Wellassa University of Sri Lanka, Passara Road, Badulla. Date: 2026 Time 2.00 p.m
(34.0)	Amount of Performance Security 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. The amount of Performance Security is 5% of the Initial Contract Price
(35.0)	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 & 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. 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.
(36.0)	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.

CONTRACT DATA

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

(1.1)	The Employer is Name: Vice Chancellor - Uva Wellassa University of Sri Lanka. Address: Uva Wellassa University of Sri Lanka, Passara Road, Badulla.
(1.1)	The Engineer is Name: Works Engineer- Maintenance Department Address: Uva Wellassa University of Sri Lanka, Passara Road, Badulla.
(1.1)	The Works consists of: Civil work, medical laboratory related work, data network etc,
(1.1)	The Start Date shall be within 14 Days from the Letter of Acceptance.
(2.3)	The following documents also form part of the Contract: 1. The bidder needs to adhere the standard safety, health and environmental guidelines 2. _____
(8.1)	Schedule of other contractors:
(9.1)	Schedule of Key Personnel: Minimum persons with qualifications and experience to be defined, (a) Technical _____ _____ (b) Manager _____ _____
(13.1)	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 Depending on the type of equipment to cover the replacement cost - The maximum deductible for insurance of Equipment is 5% of the minimum cover for equipment (c) The minimum cover for insurance of other property (other than the Site) is Rupees 1,000,000.00 (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
(13.2)	(a) The minimum cover for personal injury or death, - for the Contractor's workmen is Rupees 500,000.00/- per event - Contractor's employees other than workmen is Rupees 1,000,000.00/- per event
(17.1)	The Intended Completion Date for the whole of Works shall be 8 months from the Commencement
(21.1)	The Site Possession Date shall be within 14 Days from Letter of Acceptance
(27.1)	The Contractor shall submit a programme for the Works within 14 Days of delivery of the Letter of Acceptance.
(27.3)	The period between Programme update is monthly
(35.1)	The Defects Liability Period (DLP) is 12 months from the completion date.
(44.1)	The following events shall also be Compensation Events: 1. _____ 2. _____
(47.1)	The Contract Price is subjected to price adjustment Weightings of Inputs

	Indices No.	Input Name	Input Percentage	
				
				
				
				
		Total	90%	
	Non-adjustable element shall be: BOQ Item Numbers:,,,,,,,			
(48.1)	The retention from each payment shall be 10% of the certified work done. The limit of retention shall be 5% of the Initial Contract Price.			
(49.1)	The liquidated damages for the whole of the Works shall be 0.05% of Initial Contract Price per Day.			
(50.1)	The maximum amount of liquidated damages for the whole of the Works shall be 5% of the Initial Contract Price.			
(52.1)	The Performance Security shall be 5% of the Initial Contract Price & 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.			
(60.1)	The percentage to apply to the value of the work not completed, representing the Employee's additional cost for completing the works is 10%			

SECTION 6
SPECIFICATIONS

GENERAL SPECIFICATIONS

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)

3rd 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/mm²
- (b) Maximum size of aggregate : 20 mm
- (c) Minimum cement content : 380 kg/ m³
- (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/mm². 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/mm²
- (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.
Bidder must note that, the faculty requires the facilities at the earliest, for the academic purposes, contractor shall be capable of completing the works within the contract period.
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 deem 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

EXPANSION OF THE MEDICAL CENTRE

SUMMARY

NO	DESCRIPTION	AMOUNT
GROUND FLOOR		
A	PRELIMINARIES	
B	EXCAVATION AND EARTH WORK	
C	CONCRETE	
D	FORM WORK	
E	REINFORCEMENT	
F	MASONARY WORK	
G	ALUMINIUM WORK	
H	PLASTERING	
J	PAINTING	
K	FLOORING	
L	ELECTRICAL WORKS	
M	MOULDINGS	
N	DATA NETWORK	
P	FIRE DETECTION AND PROTECTION	
Q	WATER PROOFING	
R	PLUMBING WORK	
S	SANITARY FITTINGS	
Grand Total of ground floor		
FIRST FLOOR		
A	PRELIMINARIES	
B	EXCAVATION AND EARTH WORK	
C	CONCRETE	
D	FORM WORK	
E	REINFORCEMENT	
F	MASONARY WORK	
G	ALUMINIUM WORK	
H	PLASTERING	
J	PAINTING	
K	FLOORING	
L	ELECTRICAL WORKS	
M	WATER PROOFING	
N	PA SYSTEM	
P	PLUMBING WORK	
R	DATA NETWORK	
S	FIRE DETECTION AND PROTECTION	
T	METAL WORK	
U	ROOF AND ROOF PLUMBING	
V	CEILING WORK	
Grand Total of first floor		
GRANT TOTAL		

**EXPANSION OF THE MEDICAL CENTRE
BILL OF QUANTITIES**

BoQ Nr	DISCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT(Rs)
A	PRELIMINARIES				
	Note : Following items to be priced as appropriate.				
	Insurance and Securities				
A-1	Allow sum for Providing a Performance Security. (Maximum payable amount is Rs 100,000.00)	Ps	1.00	100,000.00	100,000.00
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. (Maximum payable amount is Rs 50,000.00)	Ps	1.00	50,000.00	50,000.00
A-5	Part Time deployment of a Site Manager at the site with the qualification of B.Sc in Eng (Civil) with 3 years experience or with HNDE or equivalent qualifications with 8 Years of experience . Prospective personnel's CV shall be approved by the Engineer before deployment	Item	1.00		
A-6	Full Time deployment of a Technical Officer at the site with the qualification of NDT/HNDE/NDES or equivalent qualifications or NCT/NDCT with 3 years experience. Prospective personnel's CV shall be approved by the Engineer before deployment	Ps	1.00	540,000.00	540,000.00
A-8	Submission of 2 sets A2 size printed "As Built" drawings (1- color), 1- black and white) with soft CAD copies of LAN, MEP and LV layouts.	Ls	1.00	500,000.00	500,000.00

BoQ Nr	DISCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT(Rs)
A-10	Allow sum for constructing, maintaining, dismantling and removal on completion of the contractors work facilities, billute, sanitary facilities, any preparatory work for available temporary building for Contractor's site office, sotres, electricity and water connections (water and electricity will be provided by the Employer and the cost will be deducted from the contractor's billls), other facilities for Employer and Engineer for the construction management and supervision of the work such as safety wares, officewares, transport, measurng devices, TS, TL etc.,	Ps	1.00	350,000.00	350,000.00
	Quality, Standards and Progress				-
A-11	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	40,000.00	40,000.00
	Health, Safety and Environment				-
A-12	Allow lump sum for providing and maintaining first aid box and regular supply of medicine, linen etc.	Ps	1.00	10,000.00	10,000.00
A-15	Allow lump sum for providing and maintaining a name board to the specifications and / or as directed by the Engineer.	Ps	1.00	18,000.00	18,000.00
	TOTAL CARRIED TO SUMMARY				
	GROUND FLOOR				-
B	EXCAVATION AND EARTH WORK				
	Site Preparation				
B-01	Site clearing including removing all debris, small trees up to 0.5 m girth, vegetations including top soil up to 150 mm depth and dispose to suitable locations.	m ³	70.00		

BoQ Nr	DISCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT(Rs)
	Excavation				
	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				
	Levelling the land				
B-02	For footings	m ³	30.00		
B-03	Excavation for foundation trench and for tie beams	m ³	20.00		
	Earth Filling				
	Earth filling and compaction up to required level. Work shall be carried out as per specification.	note			
B04	Earth filling under floor with approved quality material and compacting in layers as directed by the Engineer. (Soil excavation and transport will be paid seperately)	m ³	38.00		
B05	Excavation for backfilling and transport withn the premises as directed, in any soil except rock requiring blasting and depositing the excavated soil within the site, as directed. (Bank volume).	m ³	38.00		
	Gravel filling				
B-06	Filling under coloum foundation by spreading, watering and compacting with approved quality earth in 75mm layers by manually as directed (earth available at site) - Compacted volume.	m ³	8.00		
B-07	Allow provisional sum for unforceen work under ground	Ps	1.00	70,000.00	70,000.00
	Anti termite Treatment			-	-
				-	-
				-	-

BoQ Nr	DISCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT(Rs)
B-08	Anti termite treatment for ground floor area of the building according to the manufacturers specificifications by a specialist pest control service provider approved by the engineer. 10 year warranty for material and workmanship from the date of handing over the work shall be provided including transport	m ²	170.00		
	TOTAL CARRIED TO SUMMARY				

BoQ Nr	DISCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT(Rs)
C	CONCRETE				
	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. OPC cement complied with relevent Sri Lanka standards and approved by Engineer shall be used. Rate shall include for mixing, placing, compacting with porker vibrator, levelling and curing. Plain in-situ Grade15 Concrete	note note note			
C-01	Under footing base	m ³	2.00		
C-02	Under foundation Strips	m ³	4.10		
	Reinforced in-situ Grade 25 concrete (R/F paid seperately) foundation level to 1st floor slab level				
C-03	Column footings	m ³	6.30		
C-04	Column shaft	m ³	6.30		
C-05	Plinth beams	m ³	6.30		
C-06	Floor concrete	m ³	16.50		
C-07	Ramp	m ³	0.75		
	Lintels				

BoQ Nr	DISCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT(Rs)
C-08	Grade 20 concrete 225x225 mm size R.C.C. lintels. Rate shall include for form work, concrete work(Reinforcement will be paid separately).	m	3.00		
C-09	Grade 20 concrete 225x150mm size R.C.C. lintels. Rate shall include for form work, concrete work(Reinforcement will be paid separately).	m	2.00		
C-09a	112x150mm Lintels in 1:2:4(20mm) cement concrete including formwork (Reinforcement will be paid separately).	m	20.00		
	Sill beams & Stiffeners				
C-10	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	24.00		
C-11	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	23.00		
	Pavement with Drain				
C-12	300 mm wide concrete drains with 900mm wide ramp 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. (reinforcement will be paid seperately	m	56.00		
C-13	Steps in to the buildings in Reinforced in-situ Grade 25 concrete (R/F paid seperately) Rate shall include necessary expansion joints, formwork and excavation.	m ³	1.80		
C-14	Mixing, placing, vibrating and curing Grade 25 concrete in stair cases (Machine mixing). To main stair case	m ³	3.20		

BoQ Nr	DISCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT(Rs)
C-15	Mixing, placing, vibrating and curing Grade 25 concrete in stair cases (Machine mixing). To fire stair case	m ³	1.00		
C-16	Mixing, placing, vibrating and curing Grade 25 concrete in beams (Machine mixing).	m ³	10.60		
C-17	Mixing, placing, vibrating and curing Grade 25 concrete in slabs (Machine mixing).	m ³	12.00		
	TOTAL CARRIED TO SUMMARY				

BoQ Nr	DISCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT(Rs)
D	FORM WORK				
	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. 15mm/18mm thk coated plywood shall be used as appropriate upon the approval of the Engineer Up to 1st floor slab	note			
D-01	Under footing base	m ²	8.50		
D-02	For strip foundations	m ²	16.50		
D-03	Column footings	m ²	26.00		
D-04	Column shafts	m ²	135.00		
D-05	Plinth beams	m ²	47.00		
D-06	Ground slab	m ²	7.20		
D-07	Ramp	m ²	2.00		
D-08	Main staircase	m ²	34.00		
D-09	Fire staircase	m ²	5.50		
D-10	Supplying, fabricating, fixing and removing formwork using 18mm thick plywood sheets for Beams.	m ²	105.00		
D-11	Supplying, fabricating, fixing and removing formwork using 18 mm thick plywood sheets for Slabs.	m ²	72.00		
	TOTAL CARRIED TO SUMMARY				

BoQ Nr	DISCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT(Rs)
E	REINFORCEMENT				
	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.				
	Up to 1st floor level				
E-01	Column footing	kg	550.00		
E-02	Column shaft	kg	1,000.00		
E-03	Plinth beams	kg	880.00		
E-04	Floor concrete	kg	1,050.00		
E-05	Ramp	kg	45.00		
E-06	Lintols, sills, stiffner columns and stiffner beams	kg	140.00		
E-07	Steps	kg	40.00		
E-08	drain along pavement	kg	400.00		
E-09	Main staircase	kg	300.00		
E-10	Front staircase	kg	40.00		
E-11	Beams	kg	1,050.00		
E-12	Slabs and canopy	kg	2,000.00		
E-13	Vanity tops	kg	30.00		
	Stirrups				

BoQ Nr	DISCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT(Rs)
E-14	Supplying, cutting, bending, laying and binding (with 16 BWG binding wires) Mild Steel Reinforcement to slabs, beams, lintels, columns, stair cases, etc. Tor Steel	kg	2,300.00		
	TOTAL CARRIED TO SUMMARY				

BoQ Nr	DISCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT(Rs)
F	MASONARY WORK				
	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 revels, square, cutting and racking of joints for plastering. Rate shall include for all necessary types of scaffolding whether specified separately or not. External surfaces of brick work shall complete to a levelled & even surface to receive cladding frame work without any plastering work to walls. Random Rubble masonry work	Note Note Note			
F-01	Random rubble masonry work in cement sand mortar 1:5 in wall foundations. D.P.C	m ³	30.00		
F-02	Damp proof course in cement and sand 1:3, 3/4" thick finished with two coats of D.P.C. Bituminous emulsion blinded with river sand. Brick walls	m ²	25.00		
F-03	150 mm thick solid cement block in 1:5 cement sand mortar. (Size of the cement block should be L=390mm x W=150mm x H=190mm)	m ²	35.00		
F-04	112mm thick brick work in 1:5 cement and sand mortar (Size of the brick should be L=220mm, W=105mm, H≤65mm).	m ²	145.00		
F-05	Brick work in 1:5 cement and sand mortar in brick piers (Size of the brick should be L=220mm, W=105mm, H≤65mm).	m ³	1.20		

BoQ Nr	DISCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT(Rs)
F-06	Supplying and laying 600mmx600mm Matt Ceramic Tiles LAID ON SLANTED BRICK PIERED WALLS similar to exisitng finishes with diagnal cutting by diamond wheel, grouted the grooves to simialr color 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). <i>Price range Rs.1,613.00-Rs.2,303.00</i>	m ²	10.00		
	TOTAL CARRIED TO SUMMARY				

BoQ Nr	DISCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT(Rs)
G	ALUMINIUM WORK				
	The contractor shall refer Drawings, Specifications, Pricing preambles, and other relevant documents prior to pricing of this section of work. All Aluminium sections shall present clear, straight and sharply defined lines. They shall be free from defects impairing strength, appearance and durability. 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 The contractor shall submit samples of materials and shop drawings for prior approval Doors & Windows	Note Note Note Note			
G-01	Supplying, fabricating and fixing 100mm (1.6 +/- 0.1)mm thick aluminum double swing door using approved quality powder coated aluminum extrusions with 5mm thick fixed glass on top, mid rail and bottom with 5mm thick fixed glass as per drawings including door lock, butthinges, gaskets, wool felt, beadings, flush bolt, threaded bar with nut roller, door handles, etc.(Door closer not included)	m ²	7.00		

BoQ Nr	DISCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT(Rs)
G-02	Supplying, fabricating and fixing 100mm (1.6 +/- 0.1)mm thick aluminum single swing door using approved quality powder coated aluminum extrusions with 5mm thick fixed glass on top, mid rail and bottom 4mm thick cladding (double side) as per detailed drawing including door lock, butthinges , gaskets, wool felt, beadings, flush bolt, threaded bar with nut roller, C Type 300mm stainless steel door handle, etc. (Door closer not included)	m ²	12.00		
G-03	Supplying, fabricating and fixing 100mm (1.6 +/- 0.1)mm thick aluminum fully louvers single swing door using approved quality powder coated aluminum extrusions with mid rail door lock, butthinges gaskets, wool felt, beadings, flush bolt, threaded bar with nut roller, door handle, etc.	m ² rate only	1.00		
G-04	Supplying, fabricating and fixing 100mm (1.6 +/- 0.1)mm thick aluminum double swing door for differently able washroom using approved quality powder coated aluminum extrusions with 5mm thick fixed glass and 4mm thick double side cladding board including door lock, 2 nos. floor hinges, gaskets, wool felt, beadings, flush bolt, threaded bar with nut roller, door handles, etc.	m ²	2.10		

BoQ Nr	DISCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT(Rs)
G-05	Aluminium partition				
	Supplying, fabricating and fixing Shop front (1.2mm thick) aluminum frame with louvers using approved quality powder coated aluminum extrusions as per detailed drawing	m ²	10.60		
G-06	Supplying, fabricating and fixing Shop front (1.2mm thick) aluminum frame with fixed glazed using approved quality powder coated aluminum extrusions with 5mm thick fixed glass	m ²	2.00		
G-07	Supplying and fixing approved quality door closer	nr	10.00		
G-08	Supplying, fabricating and fixing 4mm thick Aluminum composite cladding panel with open joint tray panel system using 50 x50mm Aluminum "I" angle , 25 x 25 x 1.2mm Aluminum box bar. Rate include for self tapping screw , pop rivet, wool felt and other necessary accessories.	m ²	1.50		
G-09	Supplying, fabricating and fixing 41mm (1.2mm thick) aluminum casement window using approved quality powder coated aluminum extrusions and 5mm thick glass including casement lock, screws, gaskets, hinges, weather strip, beadings,etc	m ²	27.00		
G-10	Supplying, fabricating and fixing Shop front (1.2mm thick) aluminum frame with fixed glazed using approved quality powder coated aluminum extrusions with 5mm thick fixed glass	m ²	19.00		
	TOTAL CARRIED TO SUMMARY				
H	PLASTERING				
	The Contractor is advised to refer the Drawings, Specification, pricing preambles and the finishes schedule prior to pricing of this section of work.	Note			

BoQ Nr	DISCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT(Rs)
	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	Note			
	Ensure that all floor finishes are laid to falls as ind	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			
	Wall Plastering				
H-01	16mm thick smooth plaster for walls and internal columns in 1:1:5 cement lime sand mix finished smooth with lime putty. Walls sides and top of the windows and walls will be considered in the reveals plastering rate	m ²	180.00		
H-02	16mm thick semi rough plaster for walls cement and sand (1:5) plaster finished rough On brick(Externally). Walls sides and top of the windows and walls will be considered in the reveals plastering rates	m ²	45.00		

BoQ Nr	DISCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT(Rs)
H-03	Preparing door or window reveals (Two side) in 12mm thick 1:3 cement sand mortar as directed. Internal side of reveals needs to apply putty and smoothed for the aluminium frame. Aluminium work for 225mm thick wall . Internal side of reveals needs to apply putty and smoothed for the aluminium frame.	m	50.00		
H-04	Preparing door or window reveals (One side only) in 12mm thick 1:3 cement sand mortar as directed. Aluminium work for 115mm thick wall . Reveals needs to apply putty and smoothed for the aluminium frame.	m	65.00		
H-05	10mm thick rough plaster for concrete columns , beams, external, slabs, sides of slabs of external face in 1:3 cement sand mix finished semi rough.	m ²	140.00		
H-06	20mm thick plinth plaster in 1:3 cement sand mix finished smooth with cement floating	m ²	18.00		
H-07	10mm thick smooth soffit plaster for concrete slabs and beams in 1:3 cement sand mix finished smooth with lime putty	m ²	225.00		
H-08	10mm thick semi rough plaster for concrete columns / beams in 1:3 cement sand mix finished using trowel	m ²	20.00		
	TOTAL CARRIED TO SUMMARY				

BoQ Nr	DISCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT(Rs)
J	PAINING				
	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			
J-01	Apply two coat of wall potty on internal plaster to get smooth finish	m ²	440.00		
J-02	Applying one coat of approved quality wall primer and two coats of approved quality emulsion paint to new walls .	m ²	440.00		
J-03	Applying one coat of approved quality wall primer and two coats of approved quality weather shield paint to new walls .	m ²	200.00		
J-04	Applying two coats of approved quality floor paint after preparing surface as directed.	m ²	75.00		
	TOTAL CARRIED TO SUMMARY				

BoQ Nr	DISCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT(Rs)
K	FLOORING				
	Locally manufactured Homogeneous floor tiles of approved quality (Rocell or equivalent), colour and variety with all specials in specified areas as per the BOQ straight joints in both ways including all shapes, corner and angles set in 12mm thick cement and sand (1:3) screed bedding with neat cement floating level and to slopes < 15° from horizontal and all joints shall be pointed with coloured tile grout to match with tiles.				
K-01	Supplying and laying 600mmx600mm Homogeneous Floor Tiles with exceptional quality, including 12mm thick tile bedding in 1:3 cement sand mortar, Tile laying by tile adhesive and pointing with tile grout similar to the colour of tiles.(Colour, pattern and the quality should be approved by the engineer). <i>Price range Rs.1,548.00-Rs.2,302.00</i>	m ²	72.00		
K-02	Supplying and laying 100mm high Homogeneous Floor Tile Skirting with exceptional quality, including 12mm thick tile bedding in 1:3 cement sand mortar, Tile laying by tile mortar and pointing with tile grout similar to the colour of tiles.(Colour, pattern and the quality should be approved by the engineer). <i>Price range Rs.1,548.00 - Rs.2,302.00</i>	m	145.00		
K-03	Supplying and laying 600mmx600mm Matt Homogeneous Floor Tiles with exceptional quality, including 12mm thick tile bedding in 1:3 cement sand mortar and , Tile laying by tile adhesive, pointing with tile grout similar to the colour of tiles.(Colour, pattern and the quality should be approved by the engineer). <i>Price range Rs.1,548.00-Rs.2,302.00</i>	m ²	15.00		
K-04	Supplying and laying 100mm high Matt Homogeneous 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). <i>Price range Rs.1,548.00 - Rs.2,302.00</i>	m	20.00		

BoQ Nr	DISCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT(Rs)
K-05	Supplying and laying 300mmx600mm glazed wall tiles for work top, 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). <i>Price range Rs.741.00 - Rs.860.00</i>	m ²	18.00		60,000.00
K-06	Allow for vanity top fininshes, with necessary walls, facia etc.,	Ps	1.00	60,000.00	
K-07	Supplying and laying 600mmx300mm Matt Homogeneous Floor Tiles for main stair case , including 12mm thick tile bedding in 1:3 cement sand mortar, laying with tile adhesive and pointing with tile grout similar to the colour of tiles.(Colour, pattern and the quality should be approved by the engineer). <i>Price range Rs.627.00-Rs. 1,094.00</i>	m ²	22.50		
K-08	Supplying and laying 100mm high Homogeneous Floor Tile Skirting for main stair case ,with exceptional quality, including 12mm thick tile bedding in 1:3 cement sand mortar,Tile laying by tile mortar and pointing with tile grout similar to the colour of tiles.(Colour, pattern and the quality should be approved by the engineer). <i>Price range Rs.1,548.00 - Rs.2,302.00</i>	m	17.50		
TOTAL CARRIED TO SUMMARY					

BoQ Nr	DISCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT(Rs)
L	ELECTRICAL WORKS				
L-01	Allow for main panel and SDBs, cables	PS	1.00	700,000.00	700,000.00
L-01A	Supplying and fixing of approved quality 4 Row 56 way Wall mounted Steel Distribution Board to working Order. Enclosure box size not less than 350mm x 650mm x 115mm and material should be Alu Zinc coated metal sheet with powder coated Texture (RAL7032) Surface finished. ICE 60529 (IP54) Standard (Quality & Surface Type should be approved by the engineer)	1.00	2.00	-	-
L-02	Supplying and fixing 1800mm long 50mm dia. (1.8 mm) GI earth pipe covered by pits (internal size 450x450) depth up to 600mm with 75mm thick base in 1:3:6(25) con. 115mm Tk. Brick walls and rendering in 1:3 ct. sand mix including forming channel and 50mm tk. removable con. cover in 1:2:4(20) con. reinforced with R6@75mm c/c both way and plastered all exposed surfaces with 1:3 ct. sand mix as per drawing (Must be set to at least 10 ohms Resistance)	Nr	1.00		
L-03	Supply and installation of 12mm x 1200mm earth electrode with clamp and all other accessories in working order.(Repair works only)	Nr	1.00		
L-04	Supplying and fixing approved quality 48W soffit mounted L.E.D Panel lampl (Sunk or Surface mounted) 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, etc. L.E.D Lamp Life Span should be 25000 hrs. ~30000 hrs. and with 2 Year Manufactured Warranty for Complete Product. Without any Complaints of ROHS. Short circuit protection should be include (Quality should be approved by the engineer)	Nr	18.00		

BoQ Nr	DISCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT(Rs)
L-05	Supplying and fixing approved quality 12W Ceiling/soffit mounted L.E.D Panel lamp (Sunk or Surface mounted) 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, etc. L.E.D Lamp Life Span should be 25000 hrs. ~30000 hrs. and with 2 Year Manufactured Warranty for Complete Product. Without any Complaints of ROHS. Short circuit protection should be include (Quality should be approved by the engineer) for washrooms	Nr	2.00		
L-06	Supplying and fixing approved quality 6W wall mounted L.E.D decorative lamp/600mm lenght T5/T8) 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, etc. L.E.D Lamp Life Span should be 25000 hrs. ~30000 hrs. and with 2 Year Manufactured Warranty for Complete Product. Without any Complaints of ROHS. (Quality should be approved by the engineer) for washroom mirrors	Nr	3.00		
L-07	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 chargers 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 separately. Prime cost of Fitting = R.s.1,900.00 For External walls	Nr	8.00		

BoQ Nr	DISCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT(Rs)
L-08	Supplying and fixing approved quality Wall bracket lamp Fitting (In door) with 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, etc. (Quality should be approved by the engineer) bulb will be paid separately. Prime cost of Fitting = R.s.1,900.00 . For staircase landing	Nr	2.00		
L-09	Supplying and fixing approved quality 9W LED Bulb (B22/E27) Bulb should be 25000 hrs. ~ 30000hrs life span and efficacy 90 lm/w ~ 120 lm/w Heat sink, noise filter & 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) For staircase landing and for outdoor fittngs	Nr	10.00		
L-10	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 all are including for standerd lenth. (Quality should be approved by the engineer)	Nr	22.00		

BoQ Nr	DISCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT(Rs)
L-11	Supplying and fixing approved quality 1400mm sweep ceiling fan Category 01 - For Heavy duty Uses Supplying and fixing approved quality 1400mm sweep ceiling fan with fan regulator & On/Off by 01 Gang Switch 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 with all specials. surface plastic casing can be use for special situations with approved by the Engineer. Additional chargers NOT allow for PVC casings. Ceiling fan Should be following Specification. Power Consumption (60W-80W) SLS 814 Compliance 02 Year Manufactured Warranty Power cut-off Safety Switch Safety Wired for Fan Motor from Rod Hum free Condenser Type Controller (Quality should be approved by the engineer) Prime cost of Fan = Rs.22,800.00 - Rs.24,500.00	Nr	7.00		
L-12	Supplying and fixing approved quality 63 Amp/ 4 Pole three phase main switch (M.C.B. type/10kA B.C) to working order (Quality should be approved by the engineer) Product Should Be European or Equivalent. Prime Cost of Product -Rs 5,500.00 - Rs.5,900.00	Nr	1.00		
L-13	Supplying and fixing approved quality 63Amp/30mA three phase RCCB (Trip switch) to working order (Quality should be approved by the engineer) Prime Cost of Product -Rs 13,000.00 - Rs. 13,300.00	Nr	1.00		
L-14	Supplying and fixing approved quality 7/0.67mm Cu\PVC (2.5sq.mm) earth wire as directed (concealing materials will be paid separately)	m	150.00		
L-15	Supplying and fixing approved quality 1 /1.13mm Cu\PVC\PVC(1sq.mm) wire as directed.(Concealing materials will be paid separately)	m	100.00		
L-16	Supplying and fixing approved quality 1"(25mm) PVC Conduit pipe with all specials. Rate shall include clips nails etc. (only the additional cost)	m	150.00		

BoQ Nr	DISCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT(Rs)
L-17	Supplying and fixing approved quality 1"(25mm x 16mm) PVC casing with capping as directed. Rate shall include clips nails etc.(only the additional cost)	m	25.00		
L-18	Supplying and fixing approved quality 300x300mm Exhaust fan with Square Pin type - G /13 Amp socket outlet & ON/OFF by the 2pole 20A switch with indicator 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 with all specials. surface plastic casing can be use for special situations with approved by the Engineer. Additional chargers NOT allow for PVC casings. (For heavy duty uses) Exhaust fan Should be following Specification 02 Year Manufactured Warranty Front Side louver protection Back Side Automatic Shutter (Quality should be approved by the engineer) <i>Prime cost of Fan(Min) = Rs.21,500.00</i>	Nr	2.00		
L-19	Allow for services improvements in MEP and builders work	PS	1.00	200,000.00	200,000.00
				-	-
				-	-
	TOTAL CARRIED TO SUMMARY			-	
				-	
M	MOULDING WORK				
M-01	Allow for moulding work and metal slates.	PS	1.00	150,000.00	150,000.00
M-02	Allow for ramp and external land finishes	PS	1.00	1,000,000.00	1,000,000.00
				-	
	TOTAL CARRIED TO SUMMARY			-	
				-	
N	DATA NETWORK				
	1.Scope of Work			-	
	All the installation works in the Bill of Quantities (BOQ) perform the work according to the Building Standards. The contractor shall be responsible for supply and install of BOQ items and testing, commissioning and maintaining of fully functional Local Area Network (LAN) as specified herein, indicated on the drawings issued during the installations or/and as instructed by Engineer. Please refer to the attached Schedule for detail of work			-	

BoQ Nr	DISCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT(Rs)
				-	
	The bidder should visit the site and carry out necessary inspection and measurement as are necessary before submitting the bidding document. The distance given are only for bidding purposes. Bidders shall be responsible to assess actual lengths of cables and path etc before bidding.			-	
				-	
	2. Warranty and Support 1. All cabling works (passive) shall have 20 years' systems warranty issued by the manufacturer. Contractor shall supervise and guide staff in maintaining to obtaining 20 years' system warranty. 2. Manufacturer Authorization letters shall submit for the active and passive equipment. 3. Data sheets for active and passive equipment shall be provided. 4. Network enclosure and other items should clean within the free maintenance period.			-	
				-	
	The Bidders are request to follow Bill of Quantities in order to price the solution included in this Bidding Document and schedule Main Items of the Requirement Following items included in this BOQ are based on the basic requirements and bidders are requested to include any other/additional items or provisions in the prices according to the supplied products.			-	
				-	
	Local Area Network (LAN)			-	
				-	

BoQ Nr	DISCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT(Rs)
N-01	Supply, Installation & Configuration of Following Ethernet Switches			-	
				-	
	Layer 2 Switch with Ports 10/100/1000 with 24/36 ports or above	Nr	1.00		
N-02	Supply and Installation of Following UPS				
	650 VA Line Interactive UPS	Nr	1.00		
N-03	Supply and Installation of Following UTP Patch Panels				
	24/36-Ports CAT6 UTP Fully Loaded Patch Panel	Nr	1.00		
N-04	Supply and Installation of Cable Management Panels				
	1U 12" Rack mountable with Cable Management Panel	Nr	1.00		
N-05	Supply and Installation of data points				
	Supply and laying CAT 6e cable for 12 data points including necessary casings. Price shall include for necessary casings Ts, joints, corner beadings, flexible hose, clips, nails, scaffolding arrangements. Work shall complete without disturbing the tide appearance of area including relevant civil works as per attached drawing	Lot	1.00		

BoQ Nr	DISCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT(Rs)
N06	Supply installation of face plates for each and every outlets and wherever required. Quality shall be approved by the Engineer	Nr	12.00		
N07	Supply installation of key stones for each and every points and wherever required. Qulaity shall be approved by the Engineer	Nr	12.00		
N08	Supply installation of sunk boxes for data points	Nr	12.00		
N09	Testing and commissioning the system before handing over	Nr	1.00		
N-10	Supply and installation of 0.5m patch leads from data switches to patch panels. 3M or equivalent	Nr	12.00		
N-11	Uplink from existing switch to the data rack with CAT 6/6e. Price shall include for necessary civil works, casings Ts, joints, corner beadings, flexible hose, clips, nails, scaffolding arrangements. Work shall complete without disturbing the tide appearance of area including relevant civil works as per attached drawing	Ps	1.00	20,000.00	20,000.00
N-12	Allow for unidentified improvemtns to the network system including builders work	PS	1.00	80,000.00	80,000.00
	Total			-	
	SUB TOTAL			-	
P FIRE DETECTION AND PROTECTION					
P-01	Supply and installation of Exit Sign board (type - non battery back up)	Nr	1.00		
P-02	Supply and installation of fire extinguishers of following type (type - battery back up) CO ₂ -2kg	Nr	1.00		
P-03	Dry powder 6kg	Nr	1.00		
P-04	Water 9 litrea	Nr	1.00		
	SUB TOTAL				

BoQ Nr	DISCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT(Rs)

BoQ Nr	DISCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT(Rs)
Q	WATER PROOFING WORK				
Q01	Application of liquid polymer cement water proofing agent for flat roofs, concrete or masonry tanks, wet areas of toilets and bathrooms. The water proofing material and the method of water proofing should be approved by the engineer.	m ²	25.00		
	TOTAL CARRIED TO SUMMARY				
R	PLUMBING WORK				
	These plumbing rates shall be used for building construction and repair works only. All PVC pipes and fittings shall be of best quality of an approved manufacture. All pipes shall be measured in linear meters and rates shall include pipe fittings and extras where stated, solder, rivets, screws, nails, clips, brackets, straps, holder bats, made bends, if any etc., all laps, straight cutting and wastages, solvent cement and incidental materials and labour on joining pipes, chasing in brickwork, concrete surface and making good.				
R1	Supplying and fixing 20mm (1/2") bib tap - Chromium plated. Prime Cost Rs.2,520.00	nr	2.00		
R2	Supplying and fixing 20mm (1/2") angle valve - Chromium plated	nr	2.00		
R3	Supplying and fixing 20mm (1/2") gate valve - Brass	nr	5.00		
R4	Supplying and laying 32mm (1") (PNT11) or Equivalent PVC pipes with all specials rate included pressure testing etc.	m	20.00		
R5	Supplying and laying 25mm (3/4") (PNT11) or Equivalent PVC pipes with all specials rate included pressure testing etc.	m	4.00		
R6	Supplying and laying 20mm (1/2") (PNT14) or Equivalent PVC pipes with all specials rate included pressure testing etc.	m	48.00		
R7	Supplying and laying 40mm (1 1/4") (PNT7) or Equivalent PVC pipes with all specials rate included pressure testing etc.	m	15.00		
R8	Supplying and laying 110mm (4") (PNT7) or Equivalent PVC pipes with all specials rate included pressure testing etc.	m	90.00		

BoQ Nr	DISCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT(Rs)
R9	Supplying and laying 50mm (1 1/2") (PNT11) or Equivalent PVC pipes with all specials rate included pressure testing etc.	m	4.00		
R10	Supplying and fixing 32mm (1") gate valve - PVC	Nr	1.00		
R11	Allow for in connection with the existing sewerage path and related improvements including civil works etc.,	PS	1.00	120,000.00	120,000.00
				-	-
	SUB TOTAL			-	
S	SANITARY FITTINGS				
	All sanitary fixtures shall be of best quality of an approved manufacture. Rates of sanitary appliances shall include for fixing to brickwork or to concrete work with all necessary brackets, plugs, screws, etc as shown in construction drawings or as directed by the engineer.				
S1	Supplying and fixing Lanka Ceramic Ltd. manufactured or equivalent approved quality 550mmx400mm pedestal type Ceramic wash basin (Ordinary) with 20mm (1/2") heavy quality chromium plated pillar tap, 20mm (1/2") angle valve - chromium plated, waste plug, water supply and waste water connection as directed (Quality of wash basin should be approved by the engineer) Prime cost of 550mmx400mm pedestal type Ceramic pedestal type wash basin - price range Rs. 21,500.00 - Rs.21,600.00	nr	3.00		
S2	Supplying and fixing Lanka Ceramic Ltd. manufactured or equivalent approved quality 550mmx400mm pedestal type Ceramic wash basin (Ordinary) with 20mm (1/2") heavy quality chromium plated pillar tap, 20mm (1/2") angle valve - chromium plated, waste plug, water supply and waste water connection as directed (Quality of wash basin should be approved by the engineer) Prime cost of 550mmx400mm pedestal type Ceramic pedestal type wash basin - price range Rs. 21,500.00 - Rs.21,600.00 (Dental room)	nr	2.00		

BoQ Nr	DISCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT(Rs)
S-03	Supplying and fixing approved quality approx 615mm x 485mm x225mm Ceramic wash basin with 20mm (1/2") heavy quality chromium plated elbow tap, 20mm(1/2") angle valve - chromium plated, waste plug, water supply and waste water connection as directed. Minimum 10 year warranty on ceramic ware to be available with manufacturers. Prime cost of wash basin Rs.30,435.00 for vanity	deleted	0.00		
S4	Supplying and fixing ceramic closed couple water closet (Commode) with seat cover, trap, 20mm (1/2") chromium plated angle valve, flexible hose etc. to working order. Minimum 10 year warranty on ceramic ware to be available with manufacturers. (Ideal Standard, American Standard, or equivalent quality complying to British Standard approved by the engineer) prime cost of ceramic closed couple water closet American & British- Rs.48,260.00 - Rs.38,085.00	nr	2.00		
S5	Supplying and fixing approved quality 40mm Bottle Trap as directed (Quality should be approved by the engineer)	nr	5.00		
S6	Supplying and fixing approved quality Chromium plated Bidet shower with 20mm(1/2") angle valve - chromium plated as directed. Prime cost of Bidet shower Rs.3,805.00 and approved by the engineer	nr	2.00		
S7	Supplying and fixing approved quality 450x600mm (rectangular or oval shaped) bathroom mirror as directed (Quality should be approved by the engineer)	nr	2.00		
S8	Supplying and fixing approved quality Chromium Plated Soap Tray as directed (Quality should be approved by the engineer)	nr	4.00		
S9	Supplying and fixing approved quality Chromium Plated 600mm Towel Rail as directed (Quality should be approved by the engineer)	nr	2.00		
S10	Supplying and fixing approved quality Chromium Plated 100 mm dia. Shower Rose and bar with conceal valve (Normal) as directed (Quality should be approved by the engineer)	nr	1.00		
S11	Allow for builders work and other necessary accessories	PS	1.00	55,000.00	55,000.00
	SUB TOTAL			-	

EXPANSION OF THE MEDICAL CENTRE

FIRST FLOOR

FIRST FLOOR					
ITEM	DISCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT(Rs)
C	CONCRETE				
	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. OPC cement complied with relevent Sri Lanka standards and approved by Engineer shall be used. Rate shall include for mixing, placing, compacting with porker vibrator, levelling and curing. Reinforced in-situ Grade 25 concrete (R/F paid seperately) foundation level to roof level	note 			

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	45.00		
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	23.00		
C-06	Mixing, placing, vibrating and curing Grade 25 concrete in beams (Machine mixing).	m ³	3.00		
TOTAL CARRIED TO SUMMARY					
D	FORM WORK				
	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			
	Up to roof beam				
D-01	Column shaft	m ²	74.00		
D-02	Supplying, fabricating, fixing and removing formwork using 18mm thick plywood sheets for Beams .	m ²	40.00		
TOTAL CARRIED TO SUMMARY					
E	REINFORCEMENT				
	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.				
	Up to second floor level				
E-01	Column shaft	kg	285.00		
E-02	lintols	kg	6.00		
E-03	Window sills	kg	55.00		
E-03a	Stiffner columns	kg	30.00		
E-04	Roof beams	kg	230.00		
	Stirrups				
E-05	For clumn shafts	kg	220.00		
E-06	For lintols, stiffner columns and sills	kg	10.00		
E-07	For roof beams	kg	150.00		
	TOTAL CARRIED TO SUMMARY				
F	MASONRY WORK				
	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 plumbir	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			
	Brick walls				
F-01	150 mm thick solid cement block in 1:5 cement sand mortar. (Size of the cement block should be L=390mm x W=150mm x H=190mm)	m ²	2.10		
F-02	112mm thick brick work in 1:5 cement and sand mortar (Size of the brick should be L=220mm, W=105mm, H≤65mm).	m ²	140.00		

	TOTAL CARRIED TO SUMMARY				
G	ALUMINIUM WORK				
	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			
	Doors & Windows				
G-01	Supplying, fabricating and fixing 100mm (1.6 +/- 0.1)mm thick aluminum double swing door using approved quality powder coated aluminum extrusions with 5mm thick fixed glass on top, mid rail and bottom with 5mm thick fixed glass as per drawings including door lock, butthings, gaskets, wool felt, beadings, flush bolt, threaded bar with nut roller, door handles, etc. (Door closer not included)	m ²	10.50		
G-02	Allow for improvements in strenthening of the aluminium members and builders work	Ps	1.00		

G-03	Supplying, fabricating and fixing Shop front (1.2mm thick) aluminum frame with fixed glazed using approved quality powder coated aluminum extrusions with 5mm thick fixed glass as per detailed drawing At the upper entrance door	m ²	2.00		
G-04	Supplying and fixing approved quality door closer	nr	4.00		
G-05	Supplying, fabricating and fixing 41mm (1.2mm thick) aluminum casement window with top louvers using approved quality powder coated aluminum extrusions and 5mm thick glass including casement lock, screws, gaskets, hinges, weather strip, beadings, etc	m ²	53.00		
G-06	Supplying, fabricating and fixing 100mm (1.6 +/- 0.1)mm thick aluminum single swing door using approved quality powder coated aluminum extrusions with 5mm thick fixed glass on top, mid rail and bottom 4mm thick cladding (double side) as per detailed drawing including door lock, butthings , gaskets, wool felt, beadings, flush bolt, threaded bar with nut roller, C Type 300mm stainless steel door handle, etc. (Door closer not included)	m ²	1.90		
TOTAL CARRIED TO SUMMARY					
H	PLASTERING				
	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	Note		
	Ensure that all floor finishes are laid to falls as indicated	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		
	Wall Plastering			
H-01	16mm thick smooth plaster for walls in 1:1:5 cement lime sand mix finished smooth with lime putty. Walls sides and top of the windows and walls will be considered in the reveals plastering rate	m ²	210.00	
H-02	16mm thick semi rough plaster for walls cement and sand (1:5) plaster finished rough On brick(Externally). Walls sides and top of the windows and walls will be considered in the reveals plastering rates	m ²	105.00	
H-03	Preparing door or window reveals (Two side) in 12mm thick 1:3 cement sand mortar as directed. Internal side of reveals needs to apply putty and smoothed for the aluminium frame. Aluminium work for 225mm thick wall . Internal side of reveals needs to apply putty and smoothed for the aluminium frame.	m	8.20	
H-04	Preparing door or window reveals (One side only) in 12mm thick 1:3 cement sand mortar as directed. Aluminium work for 115mm thick wall . Reveals needs to apply putty and smoothed for the aluminium frame.	m	135.00	

H-05	12mm thick rough plaster for concrete columns , beams, external, slabs, sides of slabs of external face in 1:3 cement sand mix finished semi rough.	m ²	30.00		
H-06	10mm thick smooth soffit plaster for concrete slabs and beams in 1:3 cement sand mix finished smooth with lime putty	m ²	20.00		
H-07	12mm thick semi rough plaster for concrete columns / beams in 1:3 cement sand mix finished using trowel	m ²	28.00		
TOTAL CARRIED TO SUMMARY					
J	PAINTING				
	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			
J-01	Apply two coat of wall potty on internal plaster to get smooth finish	m ²	270.00		
J-02	Applying one coat of approved quality wall primer and two coats of approved quality emulsion paint to new walls.	m ²	270.00		
J-03	Applying one coat of approved quality wall primer and two coats of approved quality weather shield paint to new walls.	m ²	145.00		
TOTAL CARRIED TO SUMMARY					
K	FLOORING				

	Locally manufactured Homogeneous floor tiles of approved quality (Rocell or equivalent), colour and variety with all specials in specified areas as per the BOQ straight joints in both ways including all shapes, corner and angles set in 12mm thick cement and sand (1:3) screed bedding with neat cement floating level and to slopes < 15° from horizontal and all joints shall be pointed with coloured tile grout to match with tiles.				
K-01	Supplying and laying 600mmx600mm Homogeneous Floor Tiles with exceptional quality, including 12mm thick tile bedding in 1:3 cement sand mortar, Tile laying by tile adhesive and pointing with tile grout similar to the colour of tiles.(Colour, pattern and the quality should be approved by the engineer). <i>Price range Rs.1,548.00-Rs.2,302.00</i>	m ²	124.00		
K-02	Supplying and laying 100mm high Homogeneous Floor Tile Skirting with exceptional quality, including 12mm thick tile bedding in 1:3 cement sand mortar,Tile laying by tile mortar and pointing with tile grout similar to the colour of tiles.(Colour, pattern and the quality should be approved by the engineer). <i>Price range Rs.1,548.00 - Rs.2,302.00</i>	m	65.00		
K-05	Allow for staircase grooving and nosing etc, and floor grating at upper entrance	Ps	1.00	100,000.00	100,000.00
					-
	TOTAL CARRIED TO SUMMARY			-	
L	ELECTRICAL WORKS			-	
L-01	Allow for SDBs and cables	PS	1.00	150,000.00	150,000.00
L-02	Supplying and fixing of approved quality 4 Row 56 way Wall mounted Steel Distribution Board to working Order. Enclosure box size not less than 350mm x 650mm x 115mm and material should be Alu Zinc coated metal sheet with powder coated Texture (RAL7032) Surface finished. ICE 60529 (IP54) Standard (Quality & Surface Type should be approved by the engineer)	Nr	1.00		

L-03	Supplying and fixing 1800mm long 50mm dia. (1.8 mm) GI earth pipe covered by pits (internal size 450x450) depth up to 600mm with 75mm thick base in 1:3:6(25) con. 115mm Tk. Brick walls and rendering in 1:3 ct. sand mix including forming channel and 50mm tk. removable con. cover in 1:2:4(20) con. reinforced with R6@75mm c/c both way and plastered all exposed surfaces with 1:3 ct. sand mix as per drawing (Must be set to at least 10 ohms Resistance)	Nr	1.00
L-04	Supply and installation of 12mm x 1200mm earth electrode with clamp and all other accessories in working order.(Repair works only)	Nr	1.00
L-05	Supplying and fixing approved quality 48W soffit mounted L.E.D Panel lampl (Sunk or Surface mounted) 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, etc. L.E.D Lamp Life Span should be 25000 hrs. ~30000 hrs. and with 2 Year Manufactured Warranty for Complete Product. Without any Complaints of ROHS. Short circuit protection should be include (Quality should be approved by the engineer)	Nr	12.00
L-06	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 chargers 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 separately. Prime cost of Fitting = R.s.1,900.00 For External walls	Nr	4.00
L-07	Supplying and fixing approved quality 9W LED Bulb (B22/E27) Bulb should be 25000 hrs. ~ 30000hrs life span and efficacy 90 lm/w ~ 120 lm/w Heat sink, noise filter & 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) For outdoor fittings	Nr	4.00

L-08	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 all are including for standerd lenth. (Quality should be approved by the engineer)	Nr	16.00		
L-09	Supplying and fixing approved quality 1400mm sweep ceiling fan Category 01 - For Heavy duty Uses Supplying and fixing approved quality 1400mm sweep ceiling fan with fan regulator & On/Off by 01 Gang Switch 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 with all specials. surface plastic casing can be use for special situations with approved by the Engineer. Additional chargers NOT allow for PVC casings. Ceiling fan Should be following Specification. Power Consumption (60W-80W) SLS 814 Compliance 02 Year Manufactured Warranty Power cut-off Safety Switch Safety Wired for Fan Motor from Rod Hum free Condenser Type Controller (Quality should be approved by the engineer) Prime cost of Fan = Rs.22,800.00 - Rs.24,500.00	Nr	5.00		
L-10	Supplying and fixing approved quality 63 Amp/ 4 Pole three phase main switch (M.C.B. type/10kA B.C) to working order (Quality should be approved by the engineer) Product Should Be European or Equivalent. Prime Cost of Product -Rs 5,500.00 - Rs.5,900.00	Nr	1.00		
L-11	Supplying and fixing approved quality 63Amp/30mA three phase RCCB (Trip switch) to working order (Quality should be approved by the engineer) Prime Cost of Product -Rs 13,000.00 - Rs. 13,300.00	Nr	1.00		
L-12	Supplying and fixing approved quality 7/0.67mm Cu\PVC (2.5sq.mm) earth wire as directed (concealing materials will be paid separately)	m	100.00		
L-13	Supplying and fixing approved quality 1 /1.13mm Cu\PVC\PVC(1sq.mm) wire as directed.(Concealing materials will be paid separately)	m	75.00		

L-14	Supplying and fixing approved quality 1"(25mm) PVC Conduit pipe with all specials. Rate shall include clips nails etc. (only the additional cost)	m	75.00		
L-15	Supplying and fixing approved quality 1"(25mm x 16mm) PVC casing with capping as directed. Rate shall include clips nails etc.(only the additional cost)	m	25.00		
L-16	Allow for services improvements in MEP and builders work	PS	1.00	160,000.00	160,000.00
TOTAL CARRIED TO SUMMARY					
M	WATER PROOFING				
M-01	Application of liquid polymer cement water proofing agent for flat roofs, concrete or masonry tanks, wet areas of toilets and bathrooms. The water proofing material and the method of water proofing should be approved by the engineer.	m ²	9.00		
TOTAL CARRIED TO SUMMARY					
N	PA SYSTEM				
N-01	Allow for portable amplifier and related peripherals to complete the system	Ps	1.00	100,000.00	100,000.00
TOTAL CARRIED TO SUMMARY					
P	PLUMBING WORK				
	These plumbing rates shall be used for building construction and repair works only. All PVC pipes and fittings shall be of best quality of an approved manufacture. All pipes shall be measured in linear meters and rates shall include pipe fittings and extras where stated, solder, rivets, screws, nails, clips, brackets, straps, holder bats, made bends, if any etc., all laps, straight cutting and wastages, solvent cement and incidental materials and labour on joining pipes, chasing in brickwork, concrete surface and making good.				
P-01	Supplying and fixing 20mm (1/2") angle valve - Chromium plated	nr	1.00		
P-02	Supplying and fixing 20mm (1/2") gate valve - Brass	nr	1.00		

P-03	Supplying and laying 20mm (1/2") (PNT14) or Equivalent PVC pipes with all specials rate included pressure testing etc.	m	10.00		
P-04	Supplying and laying 40mm (1 1/4") (PNT7) or Equivalent PVC pipes with all specials rate included pressure testing etc.	m	10.00		
P-05	Allow for builders work	PS	1.00	15,000.00	15,000.00
	SUB TOTAL				
T					
	DATA NETWORK				
	1.Scope of Work				
	All the installation works in the Bill of Quantities (BOQ) perform the work according to the Building Standards. The contractor shall be responsible for supply and install of BOQ items and testing, commissioning and maintaining of fully functional Local Area Network (LAN) as specified herein, indicated on the drawings issued during the installations or/and as instructed by Engineer. Please refer to the attached Schedule for detail of work				
	The bidder should visit the site and carry out necessary inspection and measurement as are necessary before submitting the bidding document. The distance given are only for bidding purposes. Bidders shall be responsible to assess actual lengths of cables and path etc before bidding.				

R-01	R	2. Warranty and Support 1. All cabling works (passive) shall have 20 years' systems warranty issued by the manufacturer. Contractor shall supervise and guide staff in maintaining to obtaining 20 years' system warranty. 2. Manufacturer Authorization letters shall submit for the active and passive equipment. 3. Data sheets for active and passive equipment shall be provided. 4. Network enclosure and other items should clean within the free maintenance period.				
		The Bidders are request to follow Bill of Quantities in order to price the solution included in this Bidding Document and schedule Main Items of the Requirement Following items included in this BOQ are based on the basic requirements and bidders are requested to include any other/additional items or provisions in the prices according to the supplied products.				
		Local Area Network (LAN)				
		Supply and Installation of data points				
		Supply and laying CAT 6e cable for 06 data points including necessary casings. Price shall include for necessary casings Ts, joints, corner beadings, flexible hose, clips, nails, scaffolding arrangements. Work shall complete without disturbing the tide appearance of area including relevant civil works as per attached drawing	Lot	1.00		

R-02	Supply installation of face plates for each and every outlets and wherever required. Quality shall be approved by the Engineer	Nr	6.00		
R-03	Supply installation of key stones for each and every points and wherever required. Qulaity shall be approved by the Engineer	Nr	6.00		
R-04	Supply installation of sunk boxes for data points	Nr	6.00		
R-05	Testing and commissioning the system before handing over	Nr	1.00		
R-06	Supply and installation of 0.5m patch leads from data switches to patch panels. 3M or equivalent	Nr	6.00		
R-07	Allow for related improvements in LAN network and related builders and civil works	Ps	1.00	50,000.00	50,000.00
	SUB TOTAL				
V	FIRE DETECTION AND PROTECTION				
S-01	Supply and installation of Exit Sign board (type - non battery back up)	Nr	1.00		
S-02	Supply and installation of fire extinguishers of following type (type - battery back up) CO ₂ -2kg	Nr	1.00		
S-03	Dry powder 6kg	Nr	1.00		
S-04	Water 9 litre	Nr	1.00		
	SUB TOTAL				
T	METAL WORK				

T-01	Supply, fabrigate and installation of GI hand rail as per the detailed drawing with 1.6mm 50mm diameter pipe with 1.6mm 40mm diameter GI uprights approx at approx 1200mm centres with approx 100mm clearance above wall and plugged into half wall with concrete pockets. Rate shall include for weldings, and applying with one coat of primer and two coats of anticorrosive paint with black mat texture	m	2.40		
T-02	Supply, fabrigate and installation of GI guard rail sas per the detailed drawing with 50mmx75mmx2.0mm horizontal members at approx 900mm intervals, uprights at approx 900mm with 50mmx75mmx2.0mm, diagnal members with 50mmx50mmx2.0mm GI section welded to each members, anchored to wall and columns with necessary anchor bolts and base plates, with approx 100mm clearance between floor level and lower horizontal member, with one coat of primer and two coats of anticorrosive paint with black mat texture. For main stair case	m	6.00		
	SUB TOTAL				
U	ROOF AND ROOF PLUMBING				

U-03	Allow for additional stabilization of roof structure and for horizontal I section	PS	1.00		
U-04	Supplying and fixing 0.47mm thick Zink Aluminum ridge capping of girth 470mm to match the colour of the roof. Rate shall include all necessary fasteners, etc.	m	40.00		
U-05	Supplying and fixing 0.47 mm thick Zink Aluminum rainwater eave gutters of girth 450~700mm as directed. Rate shall include lap lengths, gutter brackets, endplates, expansion joints, etc	m	57.00		
U-06	Supplying and fixing 100x100mm Zink Aluminum colour coated down pipes as directed. Rate shall include all necessary nozzles, offsets, bends, clips,etc	m	42.00		
U-07	Allow for additional roof and roof plumbing services improvements etc.,.	PS	1.00	100,000.00	100,000.00
U-08	Supplying and fixing 0.47mm thick Zink Aluminum valance sheet with all necessary essentials for awidth of 225mm- 300mm	m	57.00		
U-09	Supplying and laying approved quality double side 3 -4mm thick Aluminum Foil and 3"x3" mesh(Gauge 17) with necessary fasteners, etc.as directed (Quality of foil and mesh should be approved by the engineer).	m ²	215.00		
	TOTAL CARRIED TO SUMMARY				
V	CEILING WORK				

V-01	Supply & Installation of PVC Panelled Ceiling (Quality and colour shall be approved by the Engineer) With necessary GI grid structure to complete. (Type, guage of grid shall be approved by the Engineer). Average hieght of ceiling is from 3600mm to approx 6000mm from the finished floor level for internal ceiling with flat and inclined surface as directed by the Engineer. External eave ceiling will be from ground level	m ²	195.00		
	SUB TOTAL				

SUMMARY SHEET

EXPANSION OF THE MEDICAL CENTRE OF UVA WELLESSA UNIVERSITY(UWU/CW/NCB/26/03)

SUMMARY	Rs.
PRELIMINARIES	
GROUND FLOOR	
FIRST FLOOR	
EXTERNAL WORK	
TOTAL CONSTRUCTION COST	
DISCOUNT (If applicable)	
TOTAL WITH DISCOUNT	
VAT 18%	
GRAND TOTAL	

Total amount in words (Without VAT)

.....
.....
.....

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

SECTION - 9
SCHEDULE OF MATERIAL

SCHEDULE OF MATERIAL AND STANDARDS

Bidders must tick "√" or "x" in the relevant cages. Propose if anything else

Work	Requirement by the client	Yes	No	Bidder's proposal (if any)
Back filling of soil	By gravel fill of approved quality			
	means of compaction by vibratory roller (1Ton)			
Anti-Termite Treatment	Shall be performed by a specialized pest control service provider			
	10-year Warranty by the service provider			
Concrete work STDS – SCA/4/1 BS 5328 SLS1144	Screed concrete : byManual / Concrete mixer			
	Concrete of grade 20 or higher:By Reedy mixed / Concrete mixer			
	Type of cement – SLS 107			
	Coarse Aggregate : SCA/4/1/4.1.3			
	Fine Aggregates : BS 410			
	Batching : Weight/Volume batching is accepted			
Rebar	Hot Rolled Mild Steel round bars : Conforms with SLS 26			
	Hot rolled High Yeild Steel bars : Conforms with BS 4449			
	Bar Schedules need to submit and obtain the approval before cutting and fabrication			
	Melbn, Langawa or other approved quality subject to approval of technical specifications and testing if required.			
Brick work	Bricks to comply with : SLS 39			
	Crushing strength : Above 5 N/mm ²			
	Brickwork as per SCA/4/1/6.2.1			
Random Rubble Work	Material as per ; SCA/4/1/7.2.1			
	Laying as per : SCA/4/1/7.2.1 Weathered stones not allowable			

Metal Work	Fillet welding (continuous type) at perpendicular joints			
	SCA/4/1/ table 9.1			
	Quality of Work : BS 449 part 2			
	Melwa/Langwa/Pakistan or approved quality with thickness as specified in the boq and drawings etc.,			
	Color and texture - Black matt 2 coats of anticorrosive paint			
Plaster work	Plaster finish to comply with : SCA/4/1/11.0			
	All the soffit plastering including the balcony area need to be done after applying one coat of wall filler			
	External wall texture : need uniformity throughout the building			
	Texture of reveals and thresholds shall be uniform with wall plaster			
Ceiling work	External side- at corridor :Asbestos Ceilings :- SLS 9			
	PVC ceiling ; Material – PE+/ Back Don/ I panel or similar of approved quality			
	Ceiling grid structure –acceptable gauge thickness by the manufacturer of approved quality			
	Support from roof; By GI profiles of approved type supported at maximum of 1200mm spacing in both axis.			
	Not allowed for binding wired support and slanted support			
Roof covering	Bluescope/Metroof/Roof Mart or equivalent subject to conformity of technical requirements			
	High Tensile Zink Aluminium Coated profile			
	Az value -150 or above			
	Minimum Yeild stress – 550MPa			
	SCA/4/1/12.4			
	Roof color- Green			

Roof structure	Roof structure – With Galvanized Iron, lipped C channels 2.0mm thk			
	Roofing structure – Melwa Langwa, Roofmart, etc, from roof covering manufacturer subject to conformity of specification			
Tile work	Rocell or equivalent			
	Floor tiles – abrasion resistance and similar color and texture of the Anatomy laboratory			
	All the tiles of 600mmx600mm shall be laid with tile adhesive recommended by the manufacturer of the tiles or suitable adhesive.			
	Wall tiling – BS5385			
Aluminium Work	Extrusions- ALumex or equivalent			
	Powder coated White gloss			
	Door handles, hinges, sliding door locks etc., with Chromium plated or equivalent			
	Glaze work : comply with BS 952			
	5mm thk clear glass with workmanship complies with BS CP 152			
Sanitary Fittings	American Std// Grohe/Rocell or equivalent			
	Minimum 10 year warranty for ceramic wares			
	Chromium plated accessories.			
	Standards : BS 6465, BS 5503 for water closets, SLS 377 for wsh basins, BS 5520 for urinals			
Plumbing work	Z lon/National/ Anton or equivalent			
	PNT values – As specified in the BoQs			
	Inspection and testing of pipe connections :- 12.3 of BS 5572			
	BS 3505 for pressure pipes, Bs 4576 for Storm water pipes, BS 4514 for soil and waste water pipes			
Electrical fittings	Ceiling Fans : KDK or equivalent			

	Bulbs- Philips or equivalent			
	Plug tops and switches – Kevilton or equivalent			
	Wiring – Fire rated and ACL, Kelani or equivalent			
	Conduits, sunk boxes – Polychrome or equivalent			
	RCCB, MCB and main switches – Shiendler or equivalent.			
	Lamp fittings – BS 4533			
	Distribution boards – As stated in the BoQ conforms to BS EN 60439			
Paint	Internal and external paint : Akzonoble, CIC paints or equivalent			
	Colors to match with nearby building			

SECTION - 10
PROPOSAL(S) BY THE BIDDER

Proposal(s) by the Bidder

Bidder can propose any additional improvements/suggestions to the proposed building/surroundings to be carried out free of charge in addition to the schedules of material and standards, drawings and specifications laid in this document by specifying in the chart attached herewith or by an annexure with the bid document. This will be considered during the evaluation of the bids in terms of financial values of the proposal, benefits of the employer with the time etc.,

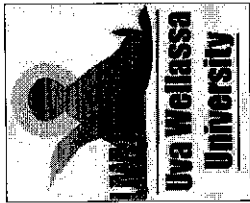
	Proposal by the bidder	Location of the building

Please attach document if the space above is not adequate

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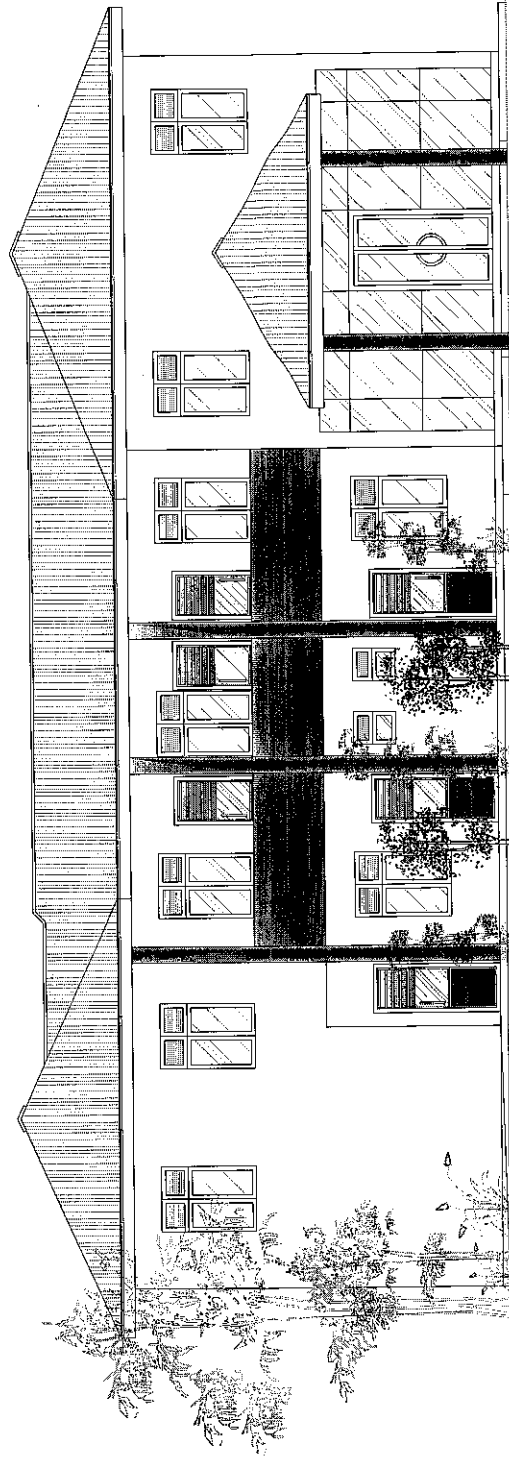
Authorized Signature of the bidder

SECTION - 11
DRAWINGS – ATTACHED AS ANNEXED



EXTENSION OF MEDICAL CENTRE

UVA WELLASSA UNIVERSITY



Signature of the TPC Members

1. _____
2. _____
3. _____
4. _____
5. _____

CONTENTS

• FRONT ELEVATION	01
• GROUND FLOOR PLAN	02
• FIRST FLOOR PLAN	03
• SECTION A - A DETAILS	04
• COLUMN LAYOUT	05
• FOUNDATION LAYOUT	06
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• STAIRCASE DETAILS	09
• SCHEDULE OF DOORS & WINDOWS	10

1. ALL DIMENSIONS ARE GIVEN IN MILLIMETERS, UNLESS OTHERWISE STATED.

2. ALL THE DIMENSIONS AND LEVELS MUST BE CHECKED AT SITE BEFORE CONSTRUCTION.
3. NO DIMENSIONS TO BE SCALED FROM DRAWING, ONLY WRITTEN DIMENSIONS TO BE FOLLOWED.
4. ALL GIVEN LEVELS ARE FINISH FLOOR LEVELS.
5. TILES WERE NOT SHOWN FOR CLARITY.
6. ALL DOORS & WINDOWS ARE SHOWN OPEN IN FLOOR PLANS FOR CLARITY OF THE DRAWING.
7. IF ANY MISMATCH OR CONTROVERSIAL IN THE DRAWING DO NOT PROCEED WITHOUT CONSULTING THE ENGINEER.
8. THE CONSTRUCTION TECHNIQUES AND THE MATERIAL SHOULD BE IN ACCORDANCE WITH RELEVANT BS, SLS, AND CIBA SPECIFICATIONS.

[illegible]

CLIENT:
VICE CHANCELLOR
UVA WELLASSA UNIVERSITY
PASSARARA ROAD, BADULLA - SRI LANKA

WORKS ENGINEER:
UVA WELLASSA UNIVERSITY
PASSARA ROAD, BADULLA, SRI LANKA

DWG TITLE:
FRONT ELEVATION

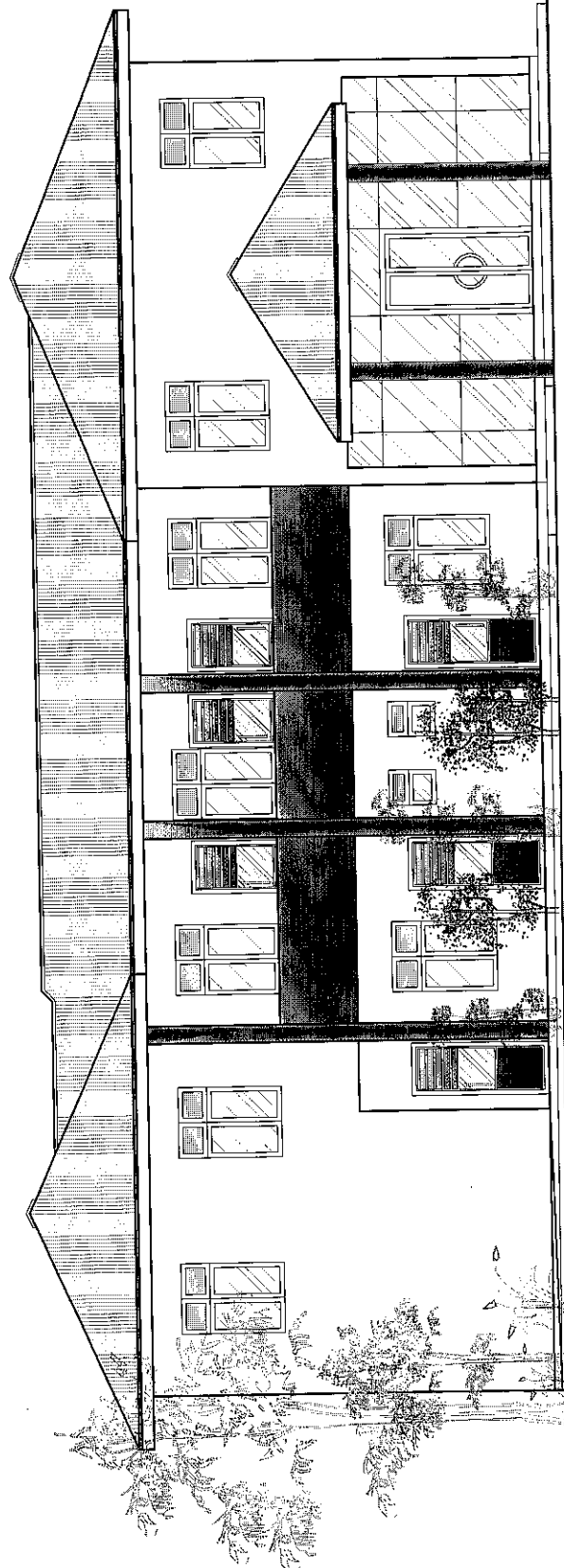
REVIEW: APPROVED: DRAWN:
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CHECKED:	RECOMMENDED:
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SCAIE, VARIES	DATE: 05.05.2025
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DWG. NO: UWU/NCB/2025 - 01/BID. ISSUE

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FRONT ELEVATION

GENERAL NOTE :

1. ALL DIMENSIONS ARE GIVEN IN MILLIMETERS, UNLESS OTHERWISE STATED.
2. ALL THE DIMENSIONS AND LEVELS MUST BE CHECKED AT SITE BEFORE CONSTRUCTION.
3. NO DIMENSIONS TO BE SCALED FROM DRAWING, ONLY WRITTEN DIMENSIONS TO BE FOLLOWED.
4. ALL GIVEN LEVELS ARE FINISH FLOOR LEVELS.
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8. THE CONSTRUCTION TECHNIQUES AND THE MATERIAL SHOULD BE IN ACCORDANCE WITH RELEVANT BS, SLS AND CIDA SPECIFICATIONS.

Rev.	Description	Date
	PROJECT :	
	EXTENSION OF MEDICAL CENTRE	

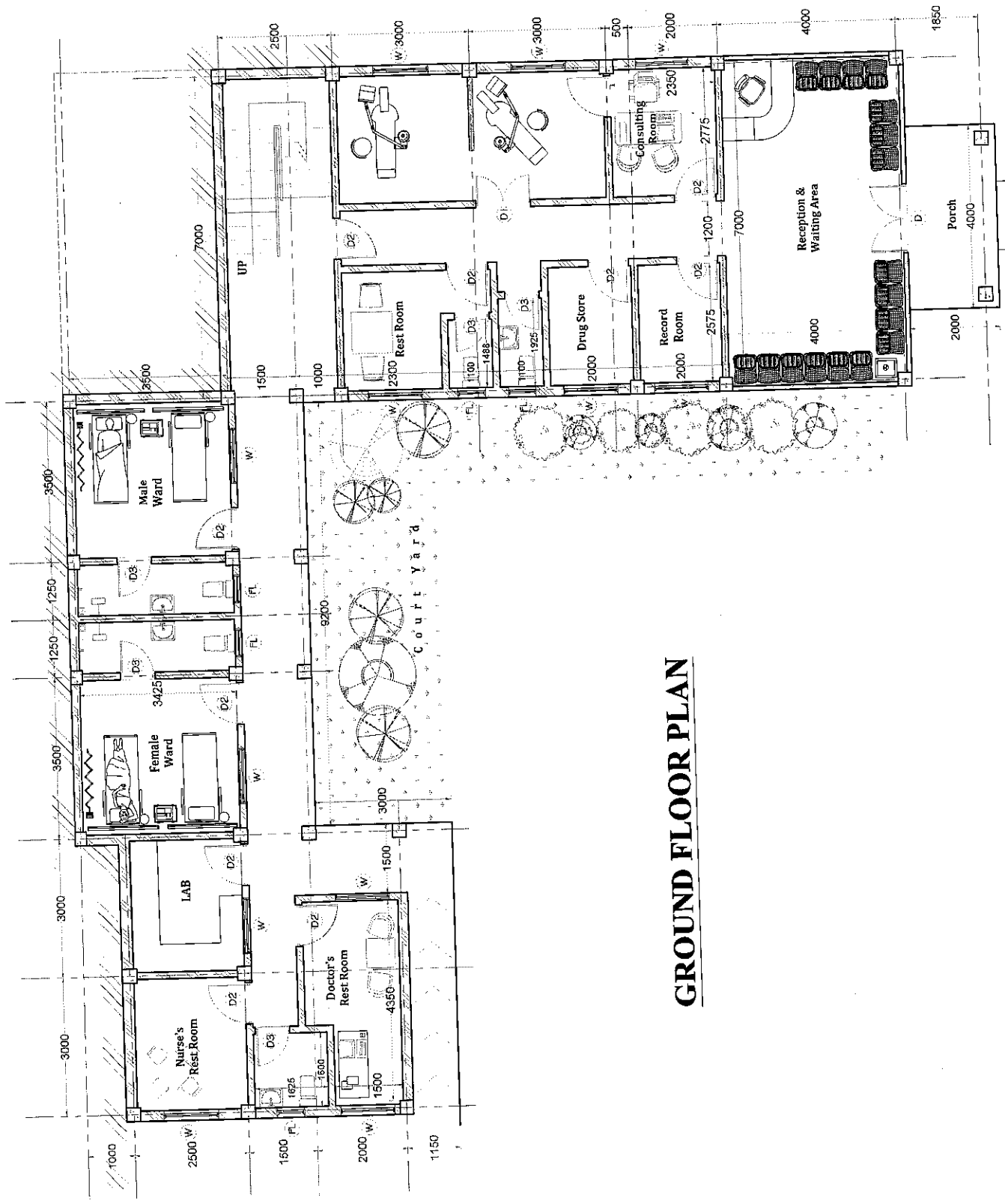
CLIENT :
VICE CHANCELLOR
UYA WELASSA UNIVERSITY
PASSARA ROAD, BADULLA, SRI LANKA

WORKS ENGINEER :
UYA WELASSA UNIVERSITY
PASSARA ROAD, BADULLA, SRI LANKA

DWG TITLE :
GROUND FLOOR PLAN

DESIGN:	DRAWN:
CHECKED:	RECOMMENDED:
SCALE: VARIES	DATE: 05.05.2025
DWG. NO: UWUN/CB/2025 - 01/BD. ISSUE	

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GROUND FLOOR PLAN

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[illegible]

VICE CHANCELLOR
DUVA WELASSA UNIVERSITY
PASSARA ROAD, BADULLA, SRI LANKA

UVA WELLASSA UNIVERSITY
PASSARA ROAD, BADULLA, SRI LANKA

FIRST FLOOR PLAN

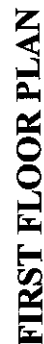
DR. J. W. W.

RECOMMENDED:

DATE: 05.05.2025

DWG. NO: UWUNCB/2025 - 01/BID. ISSUE

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Rev.	Description	Date

PROJECT :
EXTENSION OF MEDICAL
CENTRE


**DWA WEKASSA
UNIVERSITY**

VICE CHANCELLOR
UVA WELLASSA UNIVERSITY
PASSARA ROAD, BADULLA, SRI LANKA

UVA WELLASSA UNIVERSITY
PASSARA ROAD, BADULLA, SRI LANKA

SECTION A- A

DRAWN:

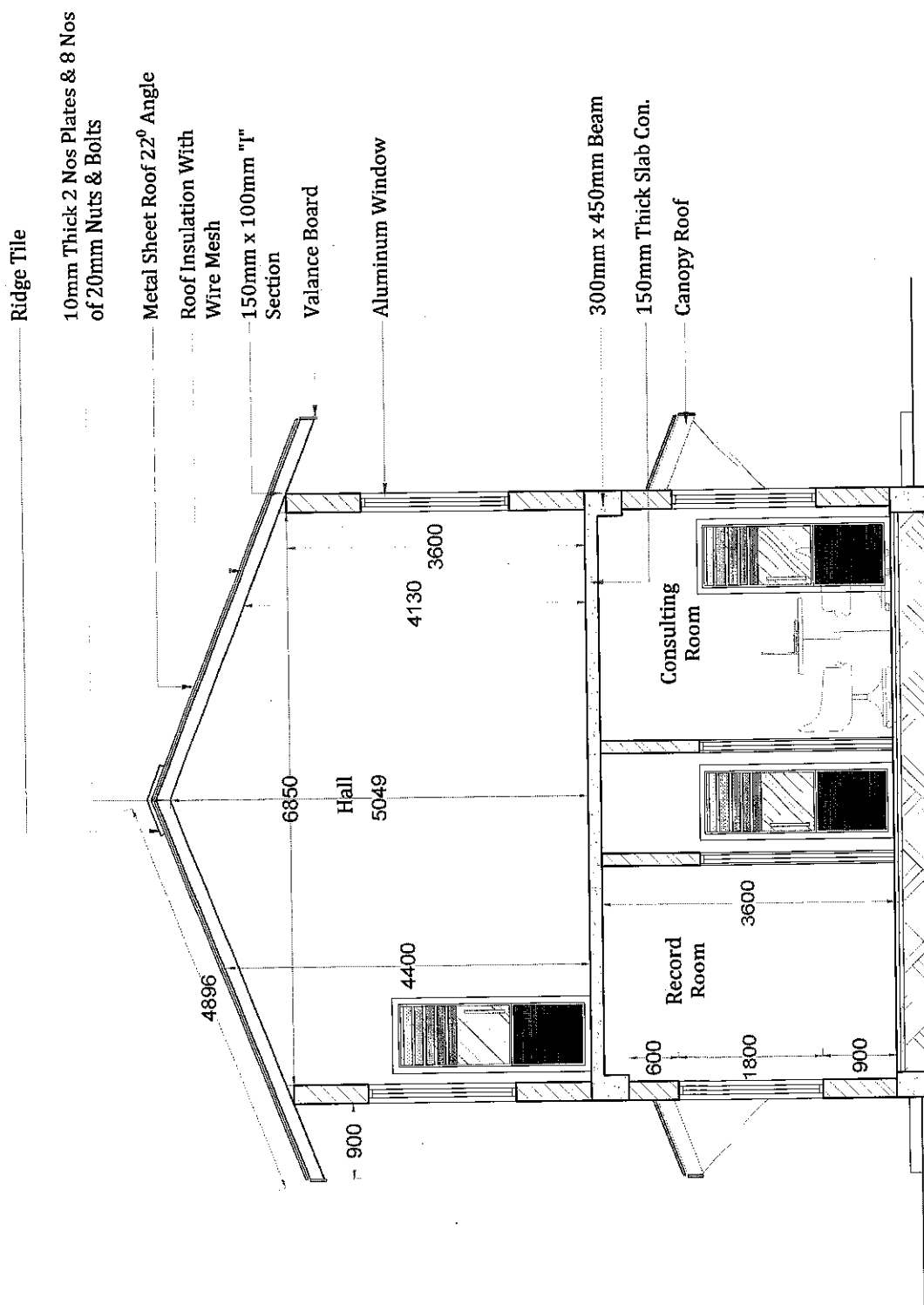
RECOMMENDED:

VARIATIONS

DATE: _____

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SECTION A - A

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[illegible]

CLIENT:
VICE CHANCELLOR
DUVA WELASSA UNIVERSITY
PASSARA ROAD, BADULLA, SRI LANKA

WORKS ENGINEER :
LUVA WELLESSA UNIVERSITY
PASSARA ROAD, BADULLA, SRI LANKA

DWG TITLE:

COLUMN LAYOUT

DESIGN:	DRAWN:
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RECHECKED:	RECOMMENDED:
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SCALE: VARIES	DATE: 05.05.2025
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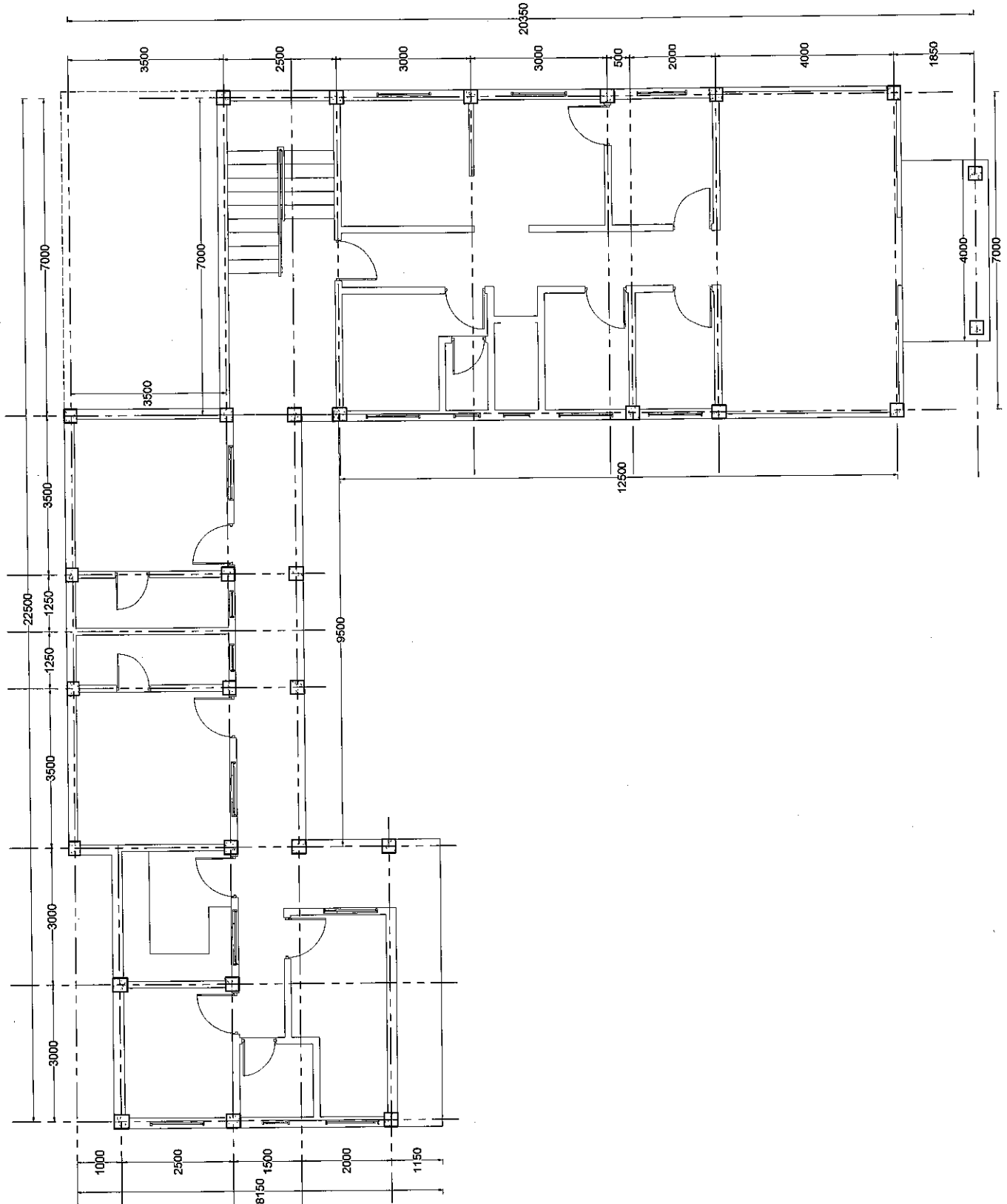
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[illegible]

CLIENT :
VICE CHANCELLOR
UVA WELLASSA UNIVERSITY
PASSARA ROAD, BADULLA, SRI LANKA

WORKS ENGINEER :
DUVA WELLASSA UNIVERSITY
PASSARA ROAD, RADIALLA, SRILANKA

DWG TITLE:
FOUNDATION LAYOUT

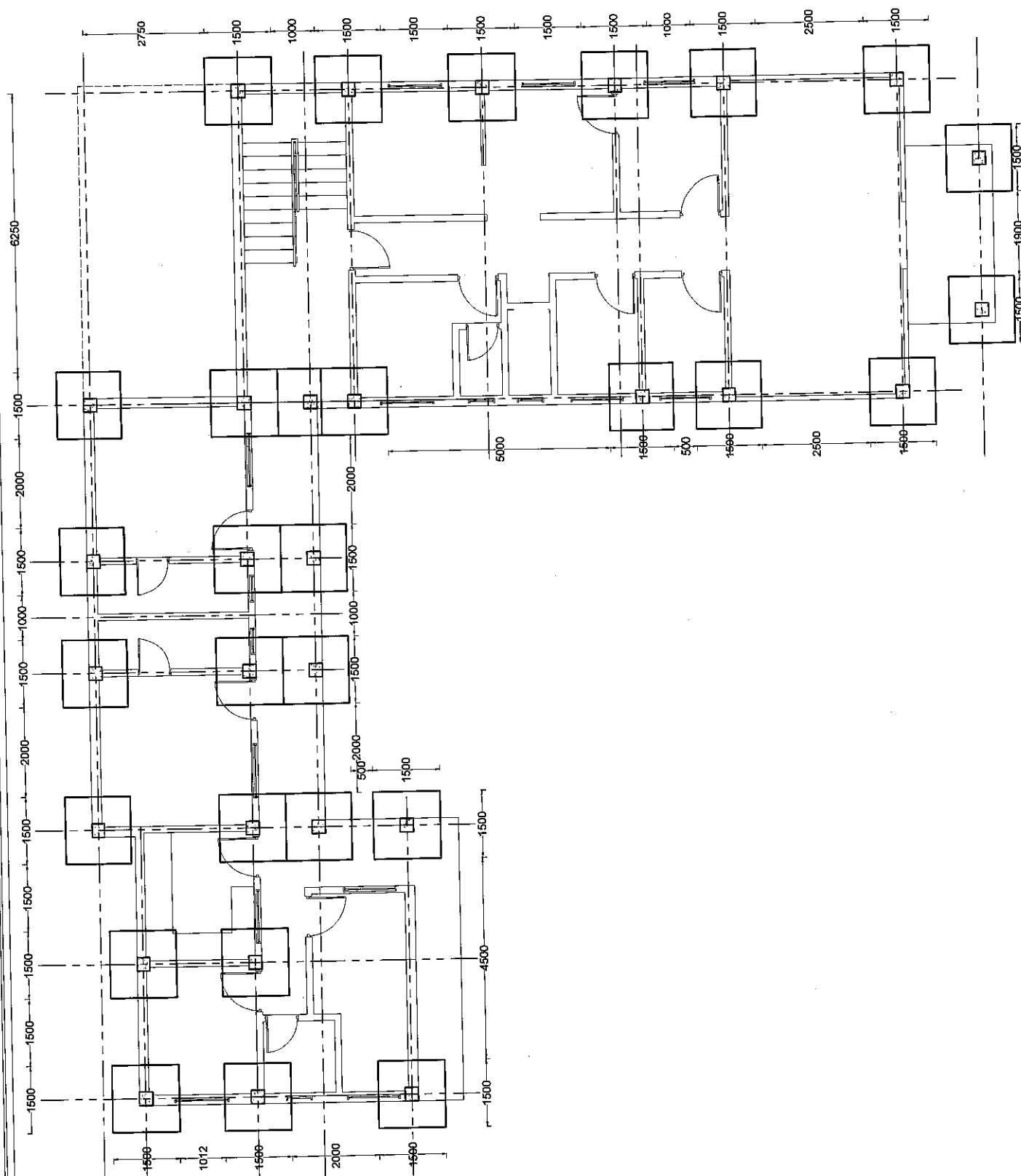
DEATH

COLLECTED:	RECOMMENDED:
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DATE: 05.05.2025	TYPE: VARIES
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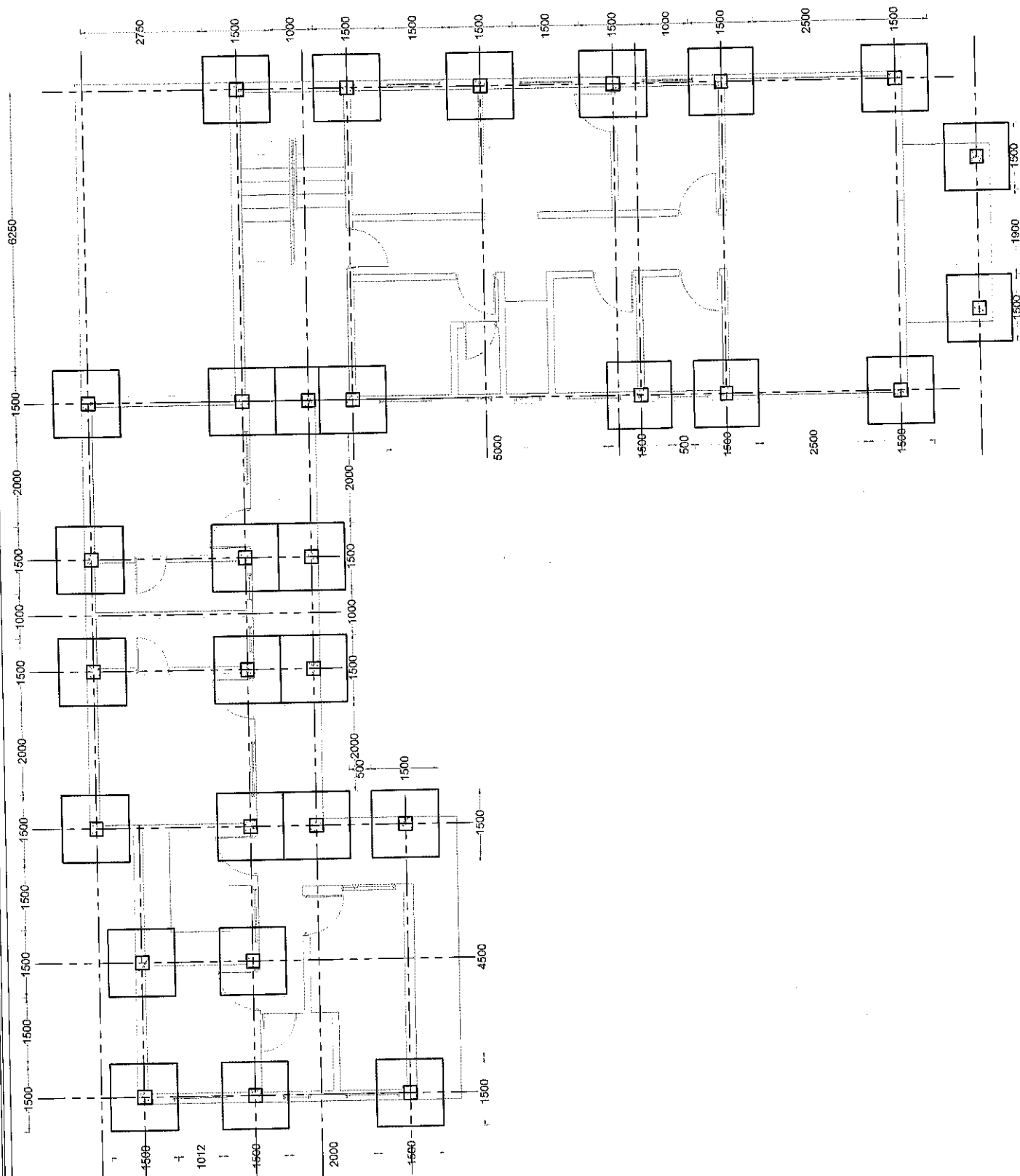
SCALE: VARIOUS	DATE: 10/17/2005 01:00 PM	ISSUE

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Rev.	Description	Date
	PROJECT :	
	EXTENSION OF MEDICAL CENTRE	

CLIENT :
VICE CHANCELLOR
UVA WELASSA UNIVERSITY
PASSARA ROAD, BADULLA, SRI LANKA

WORKS ENGINEER :
UVA WELASSA UNIVERSITY
PASSARA ROAD, BADULLA, SRI LANKA

DWG TITLE :
FOUNDATION LAYOUT

DESIGN:	DRAWN:
CHECKED:	RECOMMENDED:

SCALE: VARIES DATE: 05.05.2023

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[illegible]

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UVA WELLSA UNIVERSITY
PASSARA ROAD, BADULLA, SRI LANKA

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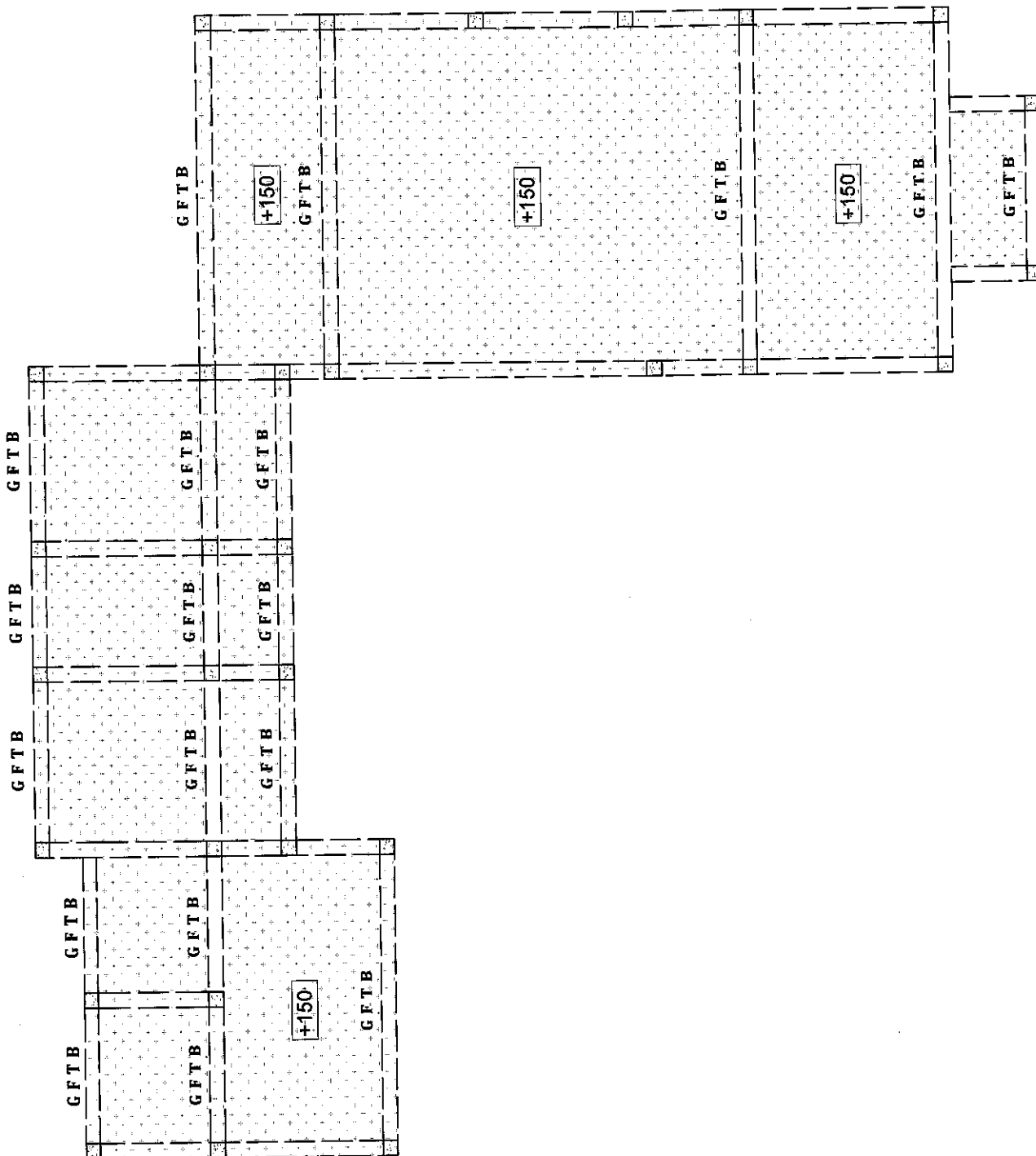
TIE BEAM LAYOUT

DRAWN:

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[illegible]

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UVA WELASSA UNIVERSITY
PASSARA ROAD, BADULLA, SRI LANKA

UVA WELASSA UNIVERSITY
PASSARA ROAD, BADULLA, SRI LANKA

FOUNDATION DETAILS

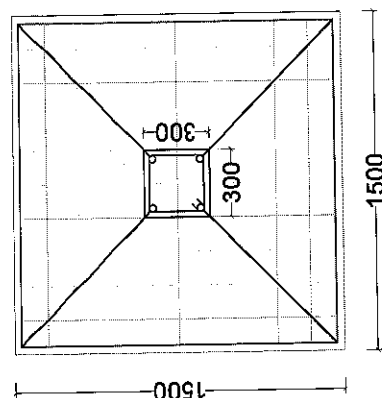
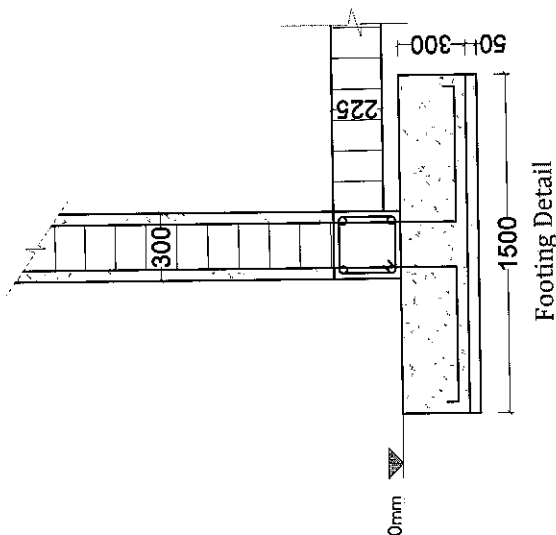
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RECOMMENDED:

DATE : 05.05.2025

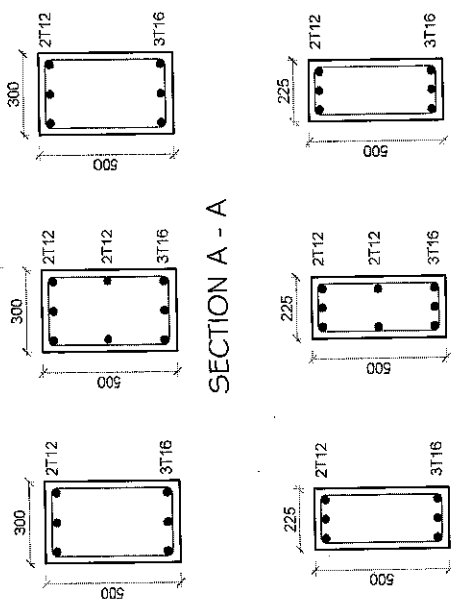
25-01710-1 ISSUE

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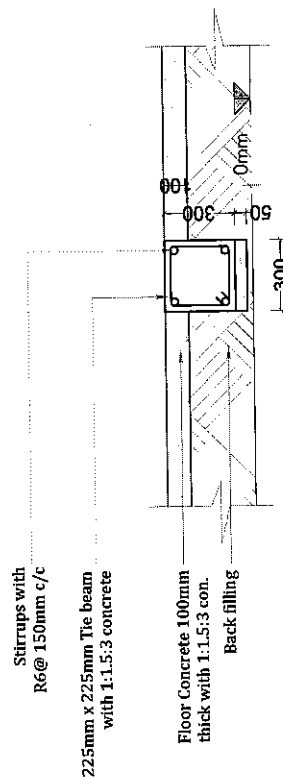
PLAN VIEW

Footing Detail

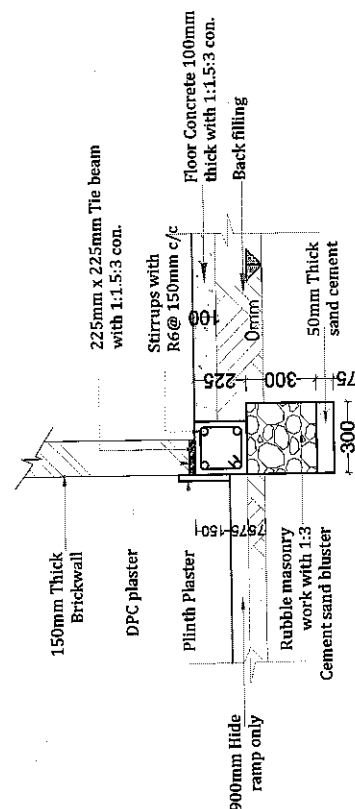


SECTION A - A

SECTION B - B



Internal Tie Beam Detail



External Tie Beam Detail

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[illegible]

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UVA WELASSA UNIVERSITY
PASSARAROAD, BADULLA, SRI LANKA

WORKS ENGINEER:
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PASSARARA ROAD, BADULLA, SRI LANKA

DWG TITLE: STAIRCASE DETAILS

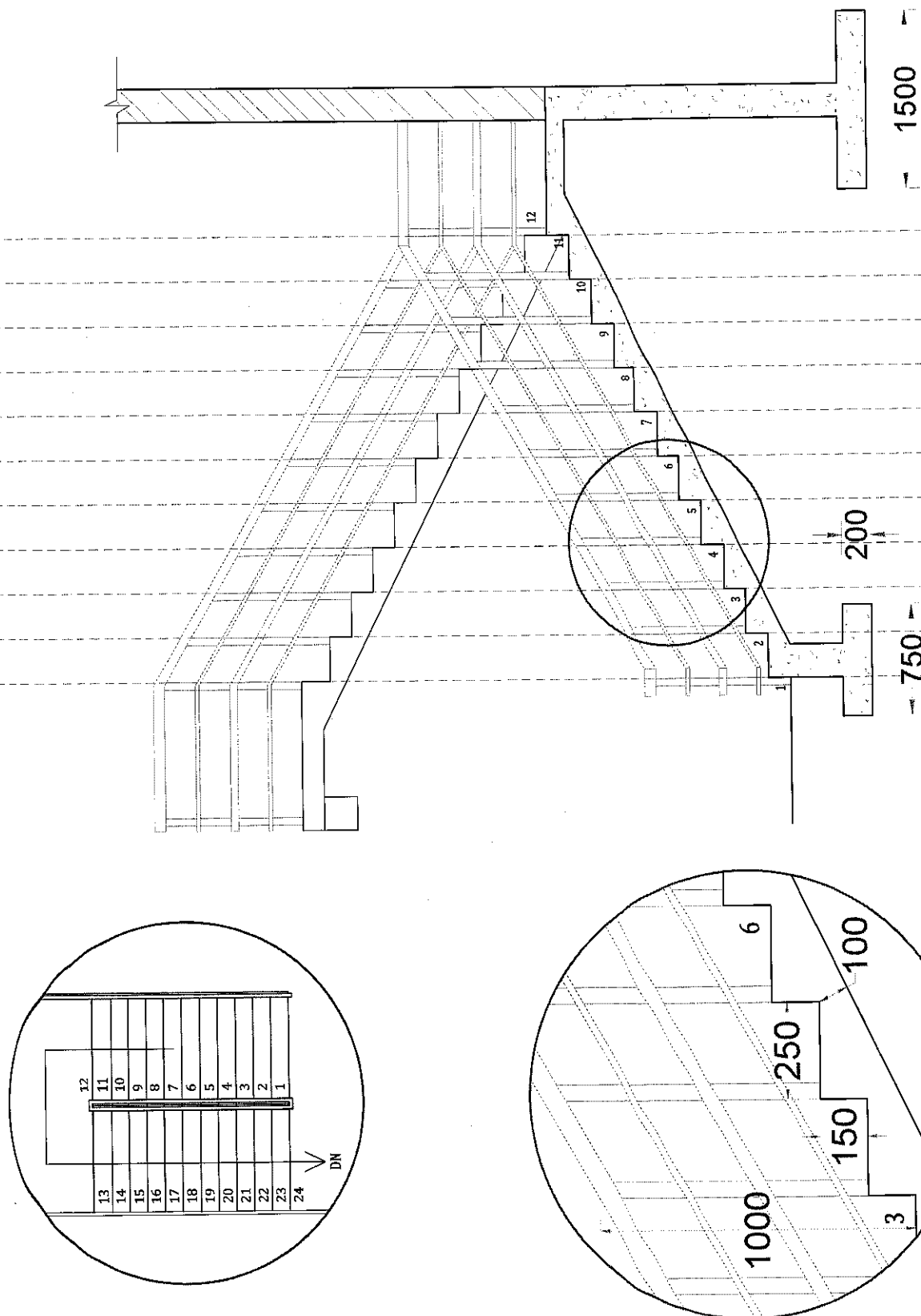
DESIGN:	DRAWN:
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SCALE, VARIES	DATE: 05.05.2023
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DATE: 11/11/2025	ISSUE: 11/11/2025
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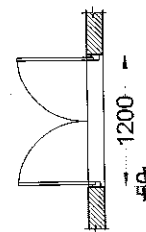
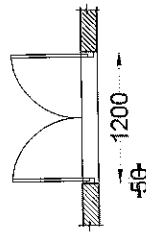
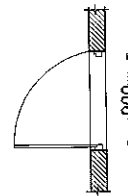
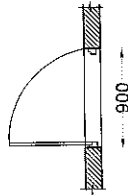
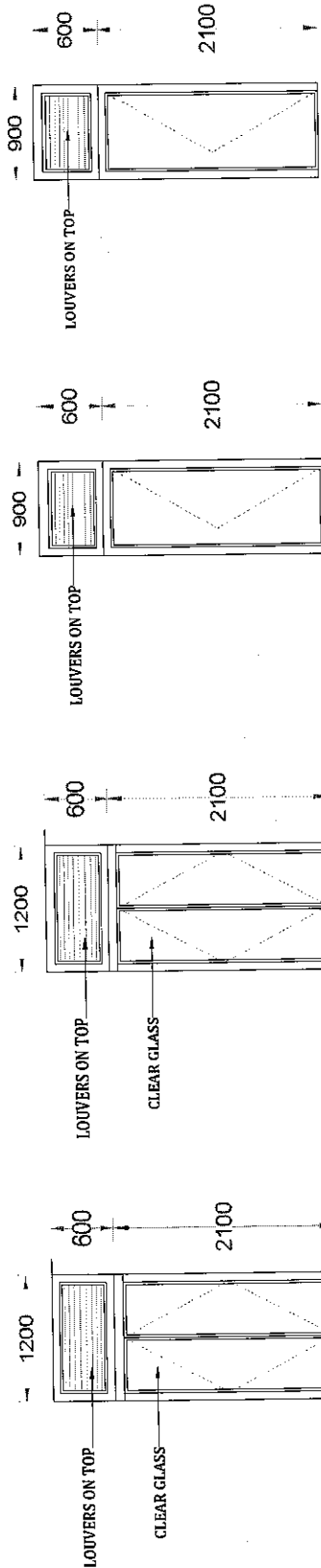
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STAIRCASE SECTION DETAIL

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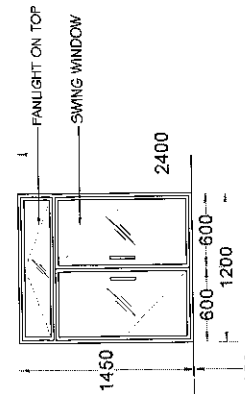
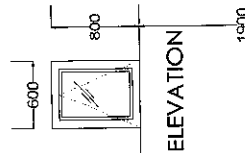


PLAN
DOOR TYPE - D2

PLAN
DOOR TYPE - D2

PLAN
GLASS DOOR TYPE - D1

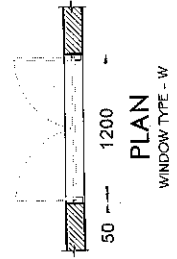
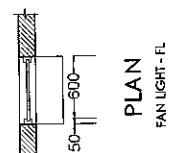
PLAN
GLASS DOOR TYPE - D1



ELEVATION

SCHEDULE OF DOORS AND WINDOWS

TYPE	DESCRIPTION	SIZE (mm)	GROUND FLOOR	FIRST FLOOR
D	ALUMINIUM FRAME DOOR WITH FANLIGHT ABOVE	1500 X 2700	1	1
D1	ALUMINIUM FRAME DOOR WITH FANLIGHT ABOVE	1200 X 2400	1	2
D2	ALUMINIUM FRAME DOOR WITH FANLIGHT ABOVE	900 X 2400	10	5
D3	ALUMINIUM FRAME DOOR WITH FANLIGHT ABOVE	750 X 2400	5	-
W	GLASS / ALUMINIUM WINDOW WITH FANLIGHT ABOVE	1200 X 1450	11	28
FL	GLASS / ALUMINIUM FANLIGHT	600 X 800	5	-



PLAN
FAN LIGHT - FL

PLAN
WINDOW TYPE - W

SECTION - 12
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.

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

SECTION – 13
CHECK LIST

CHECK LIST FOR BIDDERS

Bidders are advised to fill the following table:

ITEM	ITB Clause	YES (tick)	REFERENCE
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 days beyond the validity of bid.	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		