



DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA

UNIVERSITY OF COLOMBO, SRI LANKA

**Renovation of Lecture hall 1 and Lecture hall 2 and washrooms at
Faculty of Management and Finance, University of Colombo**

UOC/CWP/04/2024/FMF/LH/30

BIDDING DOCUMENT

Bid Opening on	27.01.2026
Bid Validity up to	27.04.2026
Bid Security Validity up to	25.05.2026
Bid Security Amount	Rs. 500,000.00
Beneficiary	Vice Chancellor

Employer

Vice Chancellor,
University of Colombo,
No 94, Cumarathunga Munidasa Mawatha
Colombo 03
Sri Lanka

C O N T E N T S

	Page
Invitation for Bids	01
 VOLUME 01	 03
Section 1 - Instructions to Bidders	04
Section 2 - Standard Forms (Contract)	06
Section 3 - Conditions of Contract	15
 VOLUME 02	 16
Section 4 - Form of Bid and Qualification Information	17
Section 5 - Bid Data and Contract Data	21
Section 6 - Specifications	30
General Specifications	31
Section 7 - Pricing Preambles	32
Bills of Quantities	33
Section 8 - Drawings	86
 Check list for Bidders	 95

INVITATION FOR BIDS

RENOVATION OF LECTURE HALL 1 & 2 AND WASHROOMS AT FACULTY OF MANAGEMENT AND FINANCE, UNIVERSITY OF COLOMBO

CONTRACT NO: UOC/CWP/04/2024/FMF/LH/30

1. The Chairman, Department Procurement Committee on behalf of the University of Colombo invites sealed bids from eligible and qualified bidders for **Renovation of Lecture hall 1 & 2 and washrooms at Faculty of Management and Finance, University of Colombo** as described below and estimated to cost of Rs. 50 Million excluding VAT

The work consists of installation of steel staircase, roofing & ceiling work, plumbing works, finishes and Metal works etc. as described in the BOQ's and drawings.

The site is located at Faculty of Management and Finance, University of Colombo, No. 255 , Bauddhaloka Mawatha. , Colombo 07.

Construction Period is **210 calendar** days.

2. Bidding will be conducted through National Competitive Bidding Procedure.
3. To be eligible for contract award, the successful bidder shall not have been blacklisted and shall meet the following requirements.

Registered with the Construction Industry Development Authority (CIDA) for grade C5 or above in the field of Civil (Building Construction).

4. Qualification requirements to qualify for contract award include:
 - Experience in the construction of at least one contract similar nature 50 million (*to comply with this requirement works cited should be at least 70 % completed*) and complexity equivalent to the proposed work **in any 5 years within last 10 years** as a main contractor.
 - Experience in the design and installation of steel building structures at least two contract of similar nature and complexity equivalent 15 million **in any 5 years within last 10 years**, as a main contractor.
 - Average of annual volume of construction work performed **in any 5 years within last 10 years** shall be at least Rs. 50,000,000.00
 - Technical Officer (NDT Civil or equivalent with 5 year experience)
 - The minimum liquid assets or credit facilities required is Rs.21,000,000.00 dedicated for this work
5. Interested bidders may obtain further information from the Works Engineer/ Department of Maintenance (Contact No: 2586445/2500160) and inspect the bidding documents free of charge at the

office of the Deputy Registrar (Faculty of Management and Finance) during 9.00 am to 2.30 pm in working days.

6. A Complete set of Bidding Documents in English language may be purchased by the interested bidders on a submission of a written request to Deputy Registrar, Faculty of Management and Finance from **05.01.2026 until 26.01.2026** during working hours 9.00 a.m. to 2.30 p.m. by producing the receipt of payment of the non-refundable tender fee of Rupees Twelve Thousand Five Hundred (**Rs.12,500.00**) to Account no **505170600013** to any People's Bank. Bidding Documents will only be issued to the bidders on production of the above documentary.
7. Bids shall be valid up to **27.04.2026** (91 Days from the date of bid opening).
8. A Bid Security shall be required for the amount of **Rupees Five Hundred Thousand (Rs. 500,000.00)** as specified in ITB 16 of the Bid Documents in the currencies and forms specified as therein. The Bid Security shall be valid up to **25.05.2026** (119 Days from the date of bid opening)
9. Sealed bids shall be submitted on the forms available with the Bidding Documents. Duly completed bids together with the duplicate and the bid security should be inserted in a sealed envelope or packet and the top left-hand corner of each envelope or packet should be marked with the name of the tender. (Bid security should be submitted along with the original bidding document)
10. Pre-bid meeting will be held at 10.00 am on **14.01.2026** in the Board Room, Faculty of Management and Finance.
11. Sealed bids may be sent either by registered post to the address given below or be deposited in the tender box at the Capital Works and Planning Division, College House, University of Colombo, No:94, Cumarathunga Munidasa Mawatha, Colombo 03 on or before **27.01.2026 at 2.30.hrs**. No bids will be accepted after closing of bids.
12. Bids will be opened immediately after the closing of bids at College House, Board Room No I Bidders or their authorized representatives are requested to be present at the opening of Bids.
13. The Chairman of the Department Procurement Committee reserves the right to accept any one bid or reject any or all bids without giving any reason and its decision will be final and conclusive.

Chairman

Department Procurement Committee

University of Colombo

No.94, Cumarathunga Munidasa Mawatha

Colombo 03

VOLUME 01

Volume 01 comprises Section 1, 2, and 3 of the Standard Bidding Document Procurement of Works Contracts, CIDA Publication No. ICTAD/SBD/01 Second Edition January 2007, including Addendum 01 issued in October 2009 and Addendum 2 issued in February 2011 published by the Construction Industry Development Authority (CIDA), 'Savsiripaya', 123, Wijerama Mawatha, Colombo-07.

This Publication will not be issued with this Bidding Document and Bidder is advised to purchase it from CIDA (Successor to ICTAD).

SECTION 1

INSTRUCTIONS TO BIDDERS

Refer CIDA Publication No. ICTAD/SBD/01(Second Edition- January 2007), addendum 01 issued in October 2009 & addendum 02 issued in February 2011

EXPLANATORY MEMORANDUM

The Section 1, **Instructions to bidders (ITB)** which is a part of **STANDARD BIDDING DOCUMENT- PROCUREMENT OF WORKS**, publication no. **ICTAD/SBD/01**(Second Edition January 2007, addendum 01 issued in October 2009 & addendum 02 issued in February 2011) published by the **Construction Industry Development Authority (CIDA)**, ‘Savsiripaya’, 123, Wijerama Mawatha, Colombo-07.

It is implied that the **Bidders/Contractors** are fully acquainted with the above set of documents and therefore, it will not be issued to the **Bidders/Contractors** afresh under this Tender.

However, the **Bidders/Contractors** may purchase this set of Documents if necessary, from the **Construction Industry Development Authority (CIDA)**, ‘Savsiripaya’, 123, Wijerama Mawatha, Colombo-07.

Notes:

Instructions to the Bidders shall be read in conjunction with the Bidding Data under Section 5. Matters governing the performance of the Contractor, payments under the Contract, or matters affecting the risk, rights, and obligations of the parties under the Contract are included under Section 3— Conditions of Contract and Contract Data under Section 5

SECTION 2

Standard Forms

Bid Security

Letter of Acceptance

Agreement

Performance Security

Advance Payment Security

Retention Money Guarantee

Non-collusion Affidavit

Notes on Standard Forms:

- *Bidder shall submit the completed Form of Bid Security in compliance with the requirements of the Bidding Documents.*
- *Bidder shall not complete the Form of Agreement at the time of preparation of Bids.*
- *The successful Bidder will be required to sign the Form of Agreement, after Award of Contract.*
- *Any corrections or modifications to the accepted Bid resulting from arithmetic corrections, acceptable deviations, or quantity variations in accordance with the requirements of the Bidding Documents should be incorporated into the Agreement.*
- *The Form of Performance Security, Form of Advance Payment Security and Form of Retention Money Guarantee should not be completed by the Bidder at the time of submission of Bids.*
- *The successful Bidder will be required to provide these securities in compliance with the requirements herein or as acceptable to the Employer.*

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]*

Beneficiary: Vice Chancellor, University of Colombo, No 94, Cumarathunga Munidasa Mawatha, Colombo 03, 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") 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)]

LETTER OF ACCEPTANCE
(Letter heading paper of the procuring entity)

..... *(Date)*

To:.....*(Name and Address of the Contractor)*

This is to notify you that your bid dated *(insert date)* for the construction and remedying defects of the *(name of the Contract and identification number)* for the Contract price of*(name of currency)* *(amount in figures and words)* as corrected in accordance with Instructions to Bidders and / or modified by a Memorandum of Understanding, is hereby accepted.

The Adjudicator shall be *(name and address of the Adjudicator, if agreed)* appointed by Construction Industry Development Authority (CIDA).

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

The Start Date shall be:.....*(fill the date as per Conditions of Contract)*

The amount of Performance Security is: *(fill the amount as per Conditions of Contract)*

The performance security shall be submitted on or before *(fill the date as per Condition of Contract)*

Authorized Signature	:
Name and title of Signature	:
	:
Name of Agency	:

AGREEMENT

This AGREEMENT, made day of..... 2026 between **Vice Chancellor, University of Colombo**, and having its Head office at **No 94, Cumarathunga Munidasa Mawatha, Colombo 03, Sri Lanka** (hereinafter called “the Employer”) of the one part, and (*Full name of the Partners*) carrying on business in the name and style of And having its principal place of business at No:..... (hereinafter called “the Contractor”) of the other part.

WHEREAS the Employer desires that the Contractor execute[name and identification number of Contract] (hereinafter called “the Works”) and the Employer has accepted the Bid by the Contractor for the execution and completion of such Works and the remedying of any defects therein.

NOW THIS AGREEMENT WITNESSETH as follows:

1. 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.
2. In consideration of the payments to be made by the Employer to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Employer to execute and complete the Works and remedy any defects therein in conformity in all respects with the provisions of the Contract.
3. The Employer hereby covenants to pay the Contractor in consideration of the execution and completion of the Works and the remedying of defects wherein the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

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

.....

.....

Authorized signature of Contractor

Authorized signature of Employer

COMMON SEAL

COMMON SEAL

In the presence of:

Witnesses :

1. Name and NIC No.

Signature

Address

2. Name and NIC No.

Signature

Address

FORM OF PERFORMANCE SECURITY

(Unconditional)

..... *[Issuing Agency's Name,
and Address of Issuing Branch of Office]*

**Beneficiary: Vice Chancellor, University of Colombo, No 94, Cumarathunga Munidasa Mawatha,
Colombo 03, Sri Lanka**

Date:

PERFORMANCE GUARANTEE No:

We have been informed that *[name of the
Contractor] (hereinafter called "the Contractor")* has entered into Contract No..... *[reference
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] here by* 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 ground 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 officer]

Beneficiary: Vice Chancellor, University of Colombo, No 94, Cumarathunga Munidasa Mawatha, Colombo 03, Sri Lanka

Date:

ADVANCE PAYMENT GURANTEE No:

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

Furthermore, we understand that, according to the conditions of 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] here by 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 Intended Completion Date].

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

.....
[signature(s)]

FORM OF RETENTION MONEY GUARANTEE

..... *[Issuing Agency's
Name, and Address of Issuing Branch or office]*

Beneficiary: Vice Chancellor, University of Colombo, No 94, Cumarathunga Munidasa Mawatha,
Colombo 03, Sri Lanka

Date:

RETENTION MONEY GUARANTEE No:

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

Furthermore, we understand that, according to the conditions of Contract, when the works have being taken over and the first half of the Retention Money has been certified for payment, payment of the second half of the Retention Money may be made against a Retention Money Guarantee.

At the request of the contractor, we *[name of Agency]* here by
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 under the Contract because the Contractor has not attended to the
defects in accordance with the contract.

This guarantee shall expire, at the latest, *[insert 28 days after the end of the Defects
Liability Period]*, Consequently, any demand for payment under this guarantee must be received by us at this
office on or before that date.

.....
[signature(s)]

Non-collusion Affidavit (Template)

(Relevant Reference to the Procurement Guidelines - 1.5)

The undersigned bidder or agent, hereby solemnly, sincerely, and truly declares and affirms/makes an oath and states as follows;

- a) That he/she has not, nor has any other member, representative, or agent of the firm, company, corporation, or partnership representing him/her, entered into any combination, collusion, or similar agreement with any person in connection with the price to be bid;
- b) That he/she or anyone representing him/her has not taken any step whatsoever to prevent any person from bidding, nor to induce anyone to refrain from bidding; and
- c) That this bid is made without reference to any other bid and without any agreement, understanding, or combination with any other person in reference to this bid.

He/she further states that no person, firm, or corporation has received or will receive, directly or indirectly, any rebate, fee, gift, commission, or thing of value in connection with the submission of this bid.

The bidder accepts full responsibility for ensuring the absence of collusion and hereby pledges to abide by fair and ethical competition practices throughout the procurement process and fully comply with the applicable Procurement Guidelines.

.....
Signature of the Declarant

I hereby affirm, under the penalties for perjury, that all statements made by me in this affidavit are true and correct.

The foregoing Affidavit having been duly read over and explained by me to the Affirmant above named and he/she having understood the contents therein and admitted to be correct, affirmed and set his/her signature hereto before me on this day of ... at ...

BEFORE ME,

.....
JUSTICE OF THE PEACE/COMMISSIONER OF OATHS

SECTION 3

CONDITIONS OF CONTRACT

Refer CIDA Publication No. ICTAD/SBD/01(Second Edition- January 2007), addendum 01 issued in October 2009 & addendum 02 issued in February 2011

EXPLANATORY MEMORANDUM

The Section 3, **Conditions of Contract** which is a part of **STANDARD BIDDING DOCUMENT- PROCUREMENT OF WORKS**, publication no. **ICTAD/SBD/01**(Second Edition January 2007, including addendum 01 issued in October 2009 & addendum 02 issued in February 2011) published by the **Construction Industry Development Authority (CIDA)**, ‘Savsiripaya’, 123, Wijerama Mawatha, Colombo-07.

It is implied that the **Bidders/Contractors** are fully acquainted with the above set of documents and therefore, it will not be issued to the **Bidders/Contractors** afresh under this Tender.

However, the **Bidders/Contractors** may purchase this set of Documents if necessary, from the **Construction Industry Development Authority (CIDA)**, ‘Savsiripaya’, 123, Wijerama Mawatha, Colombo-07.

Notes:

Conditions of the Contract shall be read in conjunction with Section – 5 Contract data which shall take precedence over the Conditions of Contract.

VOLUME 2

SECTION 4
FORM OF BID

FORM OF BID

Name of Contract: **Renovation of Lecture hall 1 and Lecture hall 2 and washrooms at Faculty of Management and Finance, University of Colombo**

To: **Vice Chancellor, University of Colombo, No 94, Cumarathunga Munidasa Mawatha, Colombo 03, Sri Lanka**

Gentlemen:

1. HAVING EXAMINED THE STANDARD BIDDING DOCUMENT – PROCUMBENT OF WORKS [ICTAD/SBD//01 – SECOND EDITION, JANUARY 2007 INCLUDING ADDENDUM 01 ISSUED IN OCTOBER 2009 & ADDENDUM 02 ISSUED IN FEBRUARY 2011], SPECIFICATIONS, DRAWINGS AND BILL OF QUANTITIES, ADDENDA FOR THE EXECUTION OF THE ABOVE-NAMED WORKS, WE THE UNDERSIGNED, OFFER TO EXECUTE AND COMPLETE SUCH WORKS AND REMEDY ANY DEFECTS THEREIN IN CONFORMITY WITH THE AFORESAID CONDITIONS OF CONTRACT, SPECIFICATIONS, DRAWINGS, BILLS OF QUANTITIES AND ADDENDA FOR THE SUM OF SRI LANKAN RUPEES -----

----- (LKR-----) OR SUCH OTHER SUMS AS MAY BE ASCERTAINED IN ACCORDANCE WITH THE SAID CONDITIONS.
2. WE ACKNOWLEDGE THAT THE CONTRACT DATA FORMS PART OF OUR BID.
3. WE UNDERTAKE, IF OUR BID IS ACCEPTED, TO COMMENCE THE WORKS AS STIPULATED IN THE CONTRACT DATA, AND TO COMPLETE THE WHOLE OF THE WORKS COMPRISED IN THE CONTRACT WITHIN THE TIME STATED IN THE CONTRACT DATA.
4. WE AGREE TO ABIDE BY THIS BID FOR THE PERIOD OF **NINETY ONE (91) DAYS** FROM THE DATE FIXED FOR RECEIVING OR ANY EXTENDED PERIOD AND IT SHALL REMAIN BINDING UPON US AND MAY BE ACCEPTED AT ANY TIME BEFORE THE EXPIRATION OF THAT PERIOD.
5. UNLESS AND UNTIL A FORMAL AGREEMENT IS PREPARED AND EXECUTED THIS BID, TOGETHER WITH YOUR WRITTEN ACCEPTANCE THEREOF, SHALL CONSTITUTE A BINDING CONTRACT BETWEEN US.
6. WE ACCEPT/WE DO NOT ACCEPT THE ADJUDICATOR.

7. WE UNDERSTAND THAT YOU ARE NOT BOUND TO ACCEPT THE LOWEST OR ANY BID YOU MAY RECEIVE.

Dated this----- day of -----2026 in the capacity of -----
duly authorized to sign bids for and on behalf of -----
----- (IN BLOCK CAPITALS – Name of Company) by Power of Attorney / Board
resolution (certified copies attached)

Signature : -----
Name : -----NIC No: -----
of Signatory
Designation :-----
Address : -----

Date : -----

Witness

- Name & NIC No.-----
Signature -----
Address -----

Qualification Information

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

CIDA Registration	
CIDA Registration number	<i>(attach copies of relevant pages from the registration book)</i>
Grade	C5 and above
Specialty	Buildings
Expiry Date	Valid till the date of award
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 Programme	<i>(attach as annex)</i>
Legal status	<i>(attach relevant status copies, as annex)</i>
Value of Construction works performed in last 5 years Year Year Year Year Year	<i>(attach copies of Certificate of Completion etc and other documents such as profit-loss and income expenditure statement)</i>
Value of construction works of similar types completed in last 5 years (indicate only the three largest projects)	1. Value Year 2. Value Year 3. Value Year 4. Value Year 5. Value Year <i>(attach copies of Certificate of Completion etc., as annex)</i>
Major items of construction equipment proposed	1. Type Capacity 2. Type Capacity 3. Type Capacity 4. Type Capacity 5. Type Capacity
Qualification and experience of key staff – Site & Head Office (Permanent, Contract basis & Consultants)	Technical (Requirement)
	Managerial
Other information requested under ITB Clause 4.3	Refer Item 4.3.10

Attach certified copies of documents as evidence for the above qualifications

Signature and seal of the bidder.....

SECTION 5

BIDDING DATA AND CONTRACT DATA

Refer CIDA Publication No. ICTAD/SBD/01(Second Edition- January 2007), addendum 01 issued in October 2009 & addendum 02 issued in February 2011

BIDDING DATA

Scope of Bid

Employer is

Name : Vice Chancellor, University of Colombo,

Address : No 94, Cumarathunga Munidasa Mawatha, Colombo
03, Sri Lanka.

Located at : Faculty of Management and Finance, Colombo
University, No 255 , Bauddhaloka Mawatha. ,
Colombo 07.

Contract Name: Renovation of Lecture hall 1 and Lecture hall 2
and washrooms at Faculty of Management and Finance, University
of Colombo (UOC/CWP/04/2024/FMF/LH/30)

The work consists of installation of steel staircase, roofing & ceiling
work, plumbing works, finishes and Metal works etc. as described in
the BOQ's and drawings

Intended Completion Date for the whole of the Works is **210
calendar days** from the Start Date

The office for collection of bid forms is **Deputy Registrar, Faculty
of Management and Finance, University of Colombo
No.255, Bauddhaloka Mawatha, Colombo 07**

The non-refundable tender fee is **Rs. 12,500/=**

The bid document shall be issued until **26.01.2026 at 2.30 p.m.**

Source of fund is **University Development Fund**

Eligibility

The registration required is **CIDA Registration**

Specialty **Civil (Building Construction)**

Grade **C5 or above**

Qualification requirements

The following information listed under Items 4.3 and 4.4 shall be
provided in Section 4 Form of Bid and Qualification Information:

4.3.1 CIDA Registration

Registration Number

Grade

Specialty

Expiry Date

4.3.2 VAT Registration number

4.3.3 Construction Programme

4.3.4 Legal status (*Sole proprietor, Partnership, Company etc.*)

4.3.5 Total monetary value of construction work performed for each of the last 5 years (2020-2024). Audited financial report for last 5 years should be submitted. (*Refer 4.4.1*)

4.3.6 Experience in works of a similar nature and size for each of the last 5 years (*Refer 4.4.2*)

4.3.7 Major items of Construction equipment proposed to carry out the Contract (*Refer 4.4.3*)

4.3.8 Qualifications and experience of key site management at technical personnel proposed for the contract (*Refer 4.4.4*)

4.3.9 Authentication of signatory to commit the bid (*Attach Power of Attorney/ Board Resolution*)

4.3.10 Any other data

4.3.10(a) Details of work in hand

4.3.10(b) Reference from bankers certifying banking facilities available and facilities currently utilized. (*Refer 4.4.5*)

4.4.1 Average of annual volume of construction work performed **in any 5 years within last 10 years** shall be at least Rs. 50,000,000.00

4.4.2 Experience in the construction of at least one contract similar nature 50 million (*to comply with this requirement works cited should be at least 70 % completed*) and complexity equivalent to the proposed work **in any 5 years within last 10 years** as a main contractor. Experience in the design and installation of steel building structures at least two contract of similar nature and complexity equivalent 15 million **in any 5 years within last 10 years**, as a main contractor

4.4.3 Proposals for the timely acquisition (*own, lease, hire, etc.*) of the essential equipment

4.4.4 Following technical and managerial staff

1. Technical Officer (NDT Civil or equivalent with 5 year experience)

4.4.5 The minimum amount of liquid assets and/or credit facilities, net of other contractual commitments and exclusive of any advance payments which may be made under the Contract, shall be not less than **Rs. 21.0 Million dedicated for this work**

9.1 Clarification of Bidding Documents

The Employer's address for clarification of bidding documents is:

Name of Officer:

Works Engineer

Department of Maintenance, University of Colombo

No.94, Cumarathunga Munidasa Mawatha, Colombo 03

Tel. 2586445

Email: worksengineer@maintain.cmb.ac.lk

11.1 The language of the bidding document shall be **English**

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

13.4 The Contract is subjected to price adjustment in accordance with Clause 47 of conditions of contract.

15.1 Period of Bid validity:

The Bid shall be valid up to **91 Days** from the closing date of bid submission.

16.1 Option1

Bid shall include a Bid Security using the form included in Section 2

16.2 Bid security shall be for an amount **Rs. 500,000.00**

16.2.2. Valid until **119 Days from the date of closing the Bids**

16.2.3 an unconditional on demand guarantee issued by any commercial bank approved by the Central Bank of Sri Lanka in favour of Vice Chancellor, University of Colombo using the Form of Bid Security in Section 2 Standard forms

17.0

Pre Bid Meeting

Venue- Board Room of Faculty of Management and Finance

Date- 14.01.2026

Time- 10.00 a.m.

19.2 (a)

The Employer's address for the purpose of Bid submission is

Vice Chancellor

University of Colombo

No.94, Cumarathunga Munidasa Mawatha, Colombo 03.

19.2 (b)

Contract Name

Renovation of Lecture hall 1 and Lecture hall 2 at Faculty of Management and Finance and washrooms, University of Colombo

Tender No. UOC/CWP/04/2024/FMF/LH/30

20.1

Deadline for submission of Bids shall be 2.30 p.m. on 27.01.2025

34.0

The amount of Performance Security is 5 % of the Initial Contract Price, issued by a commercial bank registered under Central Bank of Sri Lanka.

36.0

The adjudicator proposed is -

**Construction Industry Development Authority
'Savsiripaya', 123, WijeramaMawatha,
Colombo-07.**

Fees and types of reimbursable expenses to be paid to the adjudicator shall be on a case to case basis and shall be equally shared 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, University of Colombo

Address : No 94, Cumarathunga Munidasa Mawatha, Colombo 03, Sri Lanka.

The Engineer is

Name: **Works Engineer**

Department of Maintenance, University of Colombo

No.94, Cumarathunga Munidasa Mawatha, Colombo 03

The work consists of installation of steel staircase, roofing & ceiling work, plumbing works, finishes and Metal works etc. as described in the BOQ's and drawings

The Site located at Faculty of Management and Finance, Colombo University, No 255 , Baudhaloka Mawatha. , Colombo 07.

The Start Date shall be **14 Days** from the Letter of Acceptance.

8.1 Schedule of other contractors: **None**

9.1 Schedule of Key personnel

Minimum persons with qualifications and experience to be defined,

(a) Technical (Full time)

Technical Officer-NDT(Civil) or equivalent +(with 5 year experience)- 01

13.0 Insurance

The minimum insurance cover shall be :

- 13.1 (a)**
- The minimum cover for insurance of the Works and of plant and materials is 110% times of initial contract price
 - The maximum deductible for insurance the works and of plant and materials is 5 % of initial contract price
- 13.1 (b)**
- The minimum cover for loss or damage to equipment is replacement value of the equipment
 - The maximum deductible for insurance of equipment is 5 % of the minimum cover for equipment
- 13.1 (c)**
- The minimum cover for insurance of other property (other than the site) is Rs. 5.0 Million per event
- 13.1 (d)**
- The minimum cover for personal injury or death
- For third party and Employee of the employer and other persons engaged by the employer in the work is Rs. 5.0 Million per event
- 13.2**
- The minimum cover for personal injury and death.
- For the contractor's workmen is Rs. 5.0 Million per event
 - Contractor's employees other than workman are Rs. 5.0 Million per event.
- 17.1**
- The Intended Completion Date for the whole of the Works shall be **210 calendar days from the Start Date**
- 21.1**
- The site possession date shall be **7 Days** from Letter of Acceptance
- 27.1**
- The contractor shall submit a program for the works within **7 Days** of delivery of the Letter of Acceptance
- 27.3**
- The period between program update is **30 Days**
- 27.4**
- The amount to be withheld for late submission of a program is 2% of the Initial Contract Price.

- 35.1** The Defects Liability Period is **365 Days** from the date of completion.
- 39.2** Engineer may order variations up to a total cumulative value of not exceeding **10% of Initial Contract Price**.
- 47.1** The Contract Price **is subjected** to price adjustment.
Weightings of Inputs shall be confirmed before commencement the works.
- 48.1** The retention from each payment shall be **10.0** percent of the Initial Contract Price.
The limit of retention shall be **5.0 percent** of the Initial Contract Price.
- 49.1** The liquidated damages for the whole of the Works shall be **0.05% of the Initial Contract Price per Day**.
- 49.1** The maximum amount of liquidated damages for the whole of the Works shall be **10 percent** of the **Initial Contract Price**
- 51.1** The Employer shall make advance payment to the Contractor in an amount equivalent to 20% of the Initial Contract Price excluding provisional sums and contingencies.
- 52.1** The performance security shall be **5.0 percent** of the Initial Contract Price.
- 58.1** As built layout drawings (2 soft copies in AutoCAD and 2 hard copies of size A2).
- 60.1** The percentage to apply to the value of the work not completed, representing the Employer's additional cost for completing the works, is **25% of value of work not completed**.

SECTION 6
SPECIFICATIONS

GENERAL SPECIFICATIONS

The General Specifications Applicable to This Contract Are:

Building Works

**Specifications for Building Works
(Volume I& II)
3rd Edition (Revision) July 2004
CIDA Publication No SCA/4/ I& II**

Water Supply, Sewerage & Storm Water Drainage

**Specifications for Water Supply, Sewerage & Storm Water Drainage
2nd Edition (Revision) April 2002
CIDA Publication No SCA/3/2**

PREAMBLE TO THE BILL OF QUANTITIES

01. Conditions of Contract, the Specifications and the Drawings are to be read in conjunction with the Bill of Quantities
02. The cost of complying with all conditions, obligations and liabilities described in the Conditions of Contract, Specifications and the Bill of Quantities including all overhead charges and profit in carrying out the work as shown on the Drawings shall be deemed to be spread over and included in the prices of sums stated by the Bidder in the Bill of Quantities unless separately measured.
03. If the Bidder fails to price any items in the Bill of Quantities then the cost of the work under such items shall be held to be spread over and included in the prices given against other items of work.
04. The quantities set out in the Bill of Quantities are provisional and cover the approximate scope of the work anticipated to be performed by the Contractor. The actual quantities used for final measurement purposes will be determined by the Engineer by measurement of the work completed by the Contractor.
05. When the trade names, brands and or catalogue numbers are referred to, sole preference to any material or equipment is not intended. Any other material or equipment may be used, provided that the characteristic of type, quality, appearance, finish, methods of construction and / or performance is superior than specified.
06. Whenever the method of measurement is not clear from the documents available, the principles as given in the Sri Lanka Standard 573, 1999 Method of Measurement of Building Works shall be applicable.
07. Selected tenderer shall comply with the arrangement of work in the buildings and be ready to work part by part as required by the Authorities of the Employer.
08. Tenderer should be pay special attention to the work to be carried out, causing minimum disturbance or hindrance to the normal functions and activities of the users of the Employer. The Bills of Quantities should therefore, be priced to reflect all factors that would affect the tender and the progress of the works.
09. Items in the Bill of Quantities marked “PROVISIONAL SUM” shall be executed if they are the subject of a written instruction from the Engineer. The rate/amount to be paid for works under Provisional Sum Items may be based on any one of the following methods or as approved by the Engineer.
 - (i) Rates as in B O Q Items where applicable.
 - (ii) Cost supported by purchase Bills from State Organizations or approved suppliers +20%
 - (iii) Amount Paid to the sub contractors as approved by the Engineer +20%
10. Imperial units are used throughout the Bill of Quantities for measurement purposes unless otherwise indicated.

Abbreviations used in the Contact are as follows:

L.m. -Linear Meter	m ² - Square Meter	nr - Numbers
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BILL OF QUANTITIES

Renovation of Lecture hall 1 and Lecture hall 2 and washrooms at Faculty of Management and Finance, University of Colombo

Contract No :- UOC/CWP/04/2024/FMF/LH/30

BILL OF QUANTITIES

BILL NO 01-PRELIMINARIES

Item No.	Description		Qty	Unit	Rate Rs. Cts.	Amount Rs. Cts.
	Bill No 1					
<u>A</u>	<p><u>PRELIMINARIES</u></p> <p>This Bill provides for the typical general items, complimentary to the works which are required to be provided by the Contractor in compliance with the General Conditions of Contract in the Execution of the works according to the Contract.</p> <p>These preliminary works related to Renovation of a roof repairing. Hence, the bidder is thoroughly advised to visit the proposed work site and asses the additional costs to be born if any. It is the bidder's responsibility to asserting the existing working conditions, governing factors to access to the site, the extent of working space, storage area, etc and rating the BOQ.All cost for preliminary work except items given below shall be distributed the rates of other items of the BOQ.</p> <p>Since the cost of scaffolding and material transportation to heights will not be paid separately, those costs are required to be included in relevant items where necessary.</p> <p>Arrangements shall be made by the Bidder to dismantle all temporary and false constructions and fabrications and remove all rubbish and debris away from the work site.</p>	-	Note			
			Note			
			Note			
			Note			

	<p>The contractor shall be responsible for providing adequate provision to reduce the amount of vibration dust pollution and noise from the site and shall be the contractor's responsibility for any complaints, damages or claims in connection with works.</p>	Note			
	<p>The Contractor shall be responsible for any loss or damage to the work, existing structures, adjoining structures and unfixed materials.</p>	Note			
	<p>Any other preliminary items not listed below/above but deemed to be included in the tender rates, as no extras would be made.</p>	Note			
	<p>Mode of Payment: The Amount in the Bill No.A - Preliminaries may be released in the manner recommended below.</p>				
(i)	<p>Reimbursement of actual cost on submission of the relevant documents acceptable to the Engineer plus 5% of the actual cost of obtaining the Insurance Policies and Securities. Subjected to the maximum quoted price.</p>	A			
(ii)	<p>To be paid on signing of the formal Contract Agreement.</p>	B			
(iii)	<p>60% on completion of temporary building or structures. 30% in equal installments over the contract period and balance 10% on dismantling and removal on completion.</p>	C			
(iv)	<p>Paid on satisfactory completion of the item</p>	D			
(v)	<p>In equal installments over the contract period.</p>	E			

(vi)	Mode of payment to be mutually agreed between the Contractor and the Employer at the commencement of contract in relation to the program of works.		F		
(vii)	On the Completion of works		G		
	<u>Insurance and Securities</u>	-			
A.1	Allow for Contractor's Workmen's Compensation insurance cover (Workmen compensation insurance cover to be provided for all permanent, temporary and sub contractor's workers), dedicated to this Project. Original Document should be submitted for Payment. Photocopy will not be accepted.		A	1	
A.2	Allow sum for insurance against accidents and injury to contractor's personnel .(Documents to be submitted)		A	1	
A.3	Allow for third party insurance and employees of the Employer and other persons engaged by the Employer in the Works , dedicated to this Project. Original Document should be submitted for Payment. Photocopy will not be accepted.		A	1	
	<u>Fees and charges in respect of guarantees</u>	-			
A.4	Provide and maintain Performance Bond to value equal to 5% of contract price from a Bank acceptable to the University.		A	1	

A.5	Provide unconditional On-Demand Mobilization Advance Bond to the value equal to 20% of contract price any commercial Bank accepted by the Central Bank. The actual cost for obtaining bonds and guarantees will be reimbursed to the contractor on submission of documentary proof subject to the maximum quoted for this item.		A	1	
	<u>Contractor's Facilities</u>	-			
A.6	Allow lump sum for constructing, maintaining, dismantling and removal on completion of the works, of a temporary site office of adequate size including staff rest room and toilets and other facilities for the Contractor's site management staff in accordance with the plans prepared by the Contractor and concurred by the Engineer. Contractor shall submit rate analysis comply with the amount of lump sum.	C	Item	1	
A.7	Allow lump sum for constructing, maintaining, dismantling and removal on completion of the works of buildings to be used as workshops and stores for perishable materials. Buildings shall be constructed in accordance with the drawings prepared by the Contractor and concurred by the Engineer. The lump sum shall also include for altering, modifying or dismantling and re-erecting within the site at all temporary buildings/structures if required. Contractor shall submit rate analysis comply with the amount of lump sum.	C	Item	1	

A.8	<p>Allow lump sum for constructing, maintaining, dismantling and removal on completion of the works, temporary building to in accordance with the plans prepared by the Contractor and concurred by the Engineer to accommodate by the following:</p> <p>a) Workers' rest room, accommodation,</p> <p>b) Toilet & wash areas.</p> <p>c) Sick/First - Aid room</p> <p>d) Accommodation for Contractor's staff and workmen including sanitary facilities on site of applicable.</p> <p>Facilities to workmen shall conform to the latest public health and industrial regulation.</p>	C	Item	1		
	<p><u>Construction Management and Supervision</u></p> <p>All details CV's should be provided by the Contractor for prior approval.</p> <p>Allow sum for employing suitably qualified and experienced technical personnel on full time basis for Construction Management Services at the site. (Documents to be submitted)</p> <p>One Technical Officer (Civil)</p>	-				
A.9	<p>NDT/HNDE/NDES or equivalent qualified with minimum 5 years experience in building construction similar to roof constructions (Daily records including weather, material, labour and attendance to be supplied during construction period)</p> <p>Quality, Standards and progress</p>	E	Month	7		

A.10	Allow Lump sum for provision of progress report photographic record and other schedules including in the ICTAD publication-Guideline for Effective Construction Management. (ICTAD/CM/01), relevant to contract administration as directed by the Engineer.	E	Item	1	
A.11	Allow lump sum for all cost in connection with preparing samples for testing, making arrangement for testing of materials, goods etc, as stipulated in the specification, obtaining test reports and submitting the same to the Engineer	E	Item	1	
A.12	Allow lump sum for provision of shop drawings, bar schedules, As built drawings, method statements for steel fabrications etc.for Engineer's approval	D	Item	1	
<u>Health, Safety and Environment</u>					
A.13	Allow lump sum for making adequate provisions against air and noise pollution of surrounding areas.Hoarding and dust screens shall be provided to control dust escape to surrounding areas.	- E	Item	1	
A.14	Allow lump sum for providing following necessary safety measures to workmen at site conforming to the latest industrial safety regulations & health guidelines as directed. a) Gum boots b) Safety helmets c) Eye protectors (Eye goggles) d) Safety belts e) Personal Protective Equipment (Facemask, Sanitizers, Gloves etc.)	E	Item	1	

A.15	Allow lump sum for demobilization, removal of all rubbish & debris and clearing up site on completion, leaving all in good order and handing over.	G	Item	1	
A.16	Allow lump sum for providing necessary safety arrangement around the building complete as per and Engineer's instructions.	E	Item	1	
A.17	Allow lump sum for provide, erect, and dismantle scaffolding after completion of construction work around the building to facilitate construction, finishing, and inspection works. The scaffolding system shall comply with relevant safety standards and the Engineer's instructions.	E	Item	1	
	<u>Security and Protection</u>				
A.18	Allow Lump sum for employing an adequate number of security personnel and security system on full time basis throughout the period of construction, and provide for necessary security lighting and a warning system.	E	Item	1	
	<u>Services and facilities</u>	-			
A.19	Allow lump sum for providing electricity for construction and supply throughout the Contract period	E	Item	1	
A.20	Allow lump sum for providing water for drinking and construction and supply throughout contract period	E	Item	1	
A.21	Allow for sum for providing hoisting equipment and heavy machinery for the Works on site (Dry hire).	F	Item	1	
	Sub Total of Preliminaries Carried to Main Summary				

	<u>BILL NO 2 - DEMOLISHING</u>				
B	<u>REMOVAL AND DEMOLISHING</u>				
	<u>GENERAL NOTES</u>				
<i>i</i>	<i>Prior to price the BOQ The Bidder/The Contractor is advised to visit the site Faculty of Management and Finance and gather all necessary information.</i>	<i>Note</i>			
<i>ii</i>	<i>If no price has been stated against any item here under the Contractor will not be entitled to claim any money for such items even though he is obliged to execute the work or provide services described therein. Preliminary items priced by the Bidders are deemed to include the cost of unpriced items.</i>				
<i>iii</i>	<i>Rates for demolition of existing works elements shall include for performing work diligently without damaging the structural works which of those have been fixed into. Any such damages to structural works shall be rectified without a additional cost to the Employer.</i>	<i>Note</i>			
<i>iv</i>	<i>Unless otherwise specified the Contractor should hand over the usable materials to the Engineer during the demolition work and all the care should be taken to remove such item without any damages.</i>	<i>Note</i>			
<i>v</i>	<i>The Bidder/The Contractor is required to take all the possible safety measures to protect the adjacent properties, service lines during the demolition work. Any damage occurred to the adjacent building, or any other existing structures should be repaired by the own cost of The Bidder/The Contractor.</i>	<i>Note</i>			

vi	<i>Rate shall include for disposal of debris to a outside designated approved location distance not more than 20Km from the site including loading, transporting and unloading. Also maintaining the site in clean and orderly manner at all times and during the entire Contract period. The Contractor shall take due care to prevent water stagnation, eliminate mosquito breeding places at the site and this is to be ensured through internal monitoring mechanism.</i>	Note			
vi	<i>The Contractor shall be responsible for providing adequate provisions to reduce the amount of vibration, dust, pollution and noise from the site and shall be the Contractor's responsibility for any complaints, damages or claims in connection with the works.</i>	Note			
vii	<i>Inventory should be taken before commence the demolition</i>				
B.1	Temporally disconnection of power supply, remove and dismantaling existing Light fittings with wiring and switches and relative accessories carefully for stacked, until Buy Back process and clearing debris away as directed by the Engineer. Contractor should hand over removed items to university.[Total Light fittings-34 nos.(flurocent lamps)]	Nr	34.00		
B.2	Temporally disconnection of power supply, remove and dismantaling existing ceiling fans with wiring and switches and relative accessories and carefully for stacked, and handover to Engineer (Ceiling fans 30 nos.)	Nr	30.00		

B.3	Removing and handing over of existing Aluminum window (Type WA) size 4280 mm x 1050 mm with frames and stacked, until Buy Back process and clearing debris away as directed by the Engineer. Contractor should purchase removed item for a reasonable price. (Rate shall include for rectify damages to the opening as directed by Engineer).	Nr	12.00		
B.4	Removing and handing over of existing Aluminum window (Type WB) size 3190 mm x 1050 mm with frames and stacked, until Buy Back process and clearing debris away as directed by the Engineer. Contractor should purchase removed item for a reasonable price. (Rate shall include for rectify damages to the opening as directed by Engineer).	Nr	1.00		
B.5	Removing and handing over of existing fixed glasses (WA) height 100mm above windows with frames and stacked, until Buy Back process and clearing debris away as directed by the Engineer. Contractor should purchase removed item for a reasonable price. (Rate shall include for rectify damages to the opening as directed by Engineer).	Nr	12.00		
B.6	Removing and handing over of existing fixed glasses (WB) height 100mm above windows with frames and stacked, until Buy Back process and clearing debris away as directed by the Engineer. Contractor should purchase removed item for a reasonable price. (Rate shall include for rectify damages to the opening as directed by Engineer).	Nr	1.00		

B.7	Removing and handing over of existing Aluminum door (Type D) size 900 mm x 2100 mm with frames and stacked, until Buy Back process and clearing debris away as directed by the Engineer. Contractor should purchase removed item for a reasonable price. (Rate shall include for rectify damages to the opening as directed by Engineer).	Nr	2.00		
B.8	Removing carefully existing angle asbestos roof , stacked serviceable materials , until Buy Back process and clearing debris away as directed by the Engineer. Contractor should purchase removed item for a reasonable price. approximate area 600m2	m ²	600.00		
B.9	Removing carefully existing wooden ceiling including relative accessories, stacked serviceable materials , until Buy Back process and clearing debris away as directed by the Engineer. Contractor should purchase removed item for a reasonable price. approximate area 440m2	m ²	440.00		
B.10	Remove excisting gutters, valance board, barge board and other related roof plumbing accessories	Item	1.00		
B.11	Removal of the existing roller doors (size 4000 mm x 2100 mm - 1nr and 2300 mm x 3000mm - 2 nos) and should be buy back by Contractor.	Item	1.00		
B.12	Demolishing brick wall with wall tiling size 220mm x 70mm with tile around the staircase and clearing debris away from University premises.	m ²	13.50		
B.13	Demolishing 225mm tk brick wall including brick tiling and making good to the existing brick wall for re-doing of new tile work and clearing debris away from University premises (wall near roller door and wall near wash room).	m ²	14.00		

B.14	Demolishing wall tiling size 300 mm x 300mm with tile backing and making good to the existing brick wall for re-doing of new work and clearing debris away from University premises (wall near washroom).	m ²	10.00		
B.15	Demolishing of existing floor with floors tiles in the lecture halls and washrooms including concrete ledge, tile skirting and making good the demolished/chipped surfaces suitable to receive new construction works and clearing debris away from University premises at Second floor.	m ²	440.00		
B.16	Demolishing of existing staircase steel handrail and making good the demolished/chipped surfaces suitable to receive new construction works and clearing debris away from University premises at 2nd floor.	Item	1.00		
	washroom area				
B.17	Demolishing the 225 mm tk brick wall area including surface plaster and wall tile and clearing the debris away from the University premises at 2nd floor	m ³	15.00		
B.18	Demolishing the 112.5 mm tk brick wall area including surface plaster and wall tile and clearing the debris away from the University premises at 2nd floor	m ²	55.00		
B.19	Removing of existing PVC doors size 750 mm x 2100 mm with frames at washroom 2nd floor and should be buy back by Contractor.	Nr	3.00		
B.20	Removing of existing Aluminum fan lights size 1050 mm x 425 mm with frames and should be buy back by Contractor.	Nr	1.00		
B.21	Removing of Aluminum Fan lights size 650 mm x 425 mm with frames including glass blocks and louver and should be buy back by Contractor.	Nr	6.00		

B.22	Removing of existing grill size 1975 mm x 625 mm with frames and should be buy back by Contractor.	Nr	1.00		
B.23	Removing and handing over of existing pedestal type wash basin including all fittings and making walls good (wash basin - 9 nos) at Ground floor, First floor and Second floor.	Nr	9.00		
B.24	Removing and handing over of existing water closet and cistern with plugging sewer connection and repairing the wall & floor (water closet - 7 nos) at Ground floor, First floor and Second floor.	Nr	7.00		
B.25	Removing and handing over of existing squatting pan and cistern with plugging sewer connection and repairing the wall & floor (squatting pan - 4 nos) at Ground floor, First floor and Second floor.	Nr	4.00		
B.26	Removing and handing over of existing urinals including all fittings and making walls good (urinals-7 nos) at Ground floor, First floor and Second floor.	Nr	7.00		
B.27	Removing bidet spray and making walls good (bidet spray 12 nos) at Ground floor, First floor and Second floor.	Nr	12.00		
B.28	Removing floor gully covers and clearing debris away at Ground floor, First floor and Second floor.	Item	1.00		
B.29	Demolishing of existing floor with floors tiles in the wash room and making good the demolished/chipped surfaces suitable to receive new construction works and clearing debris away from University premises.				
B.29.1	Ground Floor	m ²	35.00		
B.29.2	First floor	m ²	35.00		

B.30	Demolishing wall tiling with tile backing in the wash room and making good to the existing brick wall for re-doing of new tile work and clearing debris away from University premises.				
B.30.1	Ground Floor	m ²	81.00		
B.30.2	First floor	m ²	81.00		
B.31	Removing and handing over existing mirrors, soap holders and other accessories and making walls good at Ground floor, First floor and Second floor.	Item	1.00		
B.32	Temporary disconnection of water supply and Removal of existing water supply pipe lines, waster water pipes and sewer pipes as directed by the Engineer and clearing debris away from University premises.	Item	1.00		
B.33	Temporally disconnection of power supply, remove and dismantling existing Light fittings with wiring and switches relative accessories carefully for stacked, until handing over to university and clearing debris away as directed by the Engineer. Total Light fittings- 5 nos bulbs and 2 nos holders)	Nr	5.00		
B.34	Removing existing Zn/Al canopies including L angles and other accessories, buy back by contractor and clearing debris away from the university premises approximate 142m ²	m ²	142.00		
B.35	Removing existing timber stages including framework, carpeting and should be buy back by Contractor approximate 16m ² for both stages	Item	1.00		
B.36	Removing of existing Aluminum doors (D2) size 725 mm x 2100 mm with frames at washroom 2nd floor and should be buy back by Contractor	Nr	8.00		
B.37	Removing of existing Aluminum doors (D1) size 650 mm x 2100 mm with frames at washroom 2nd floor and should be buy back by Contractor	Nr	4.00		
	Total Carried To Main Summary				

	<u>BILL NO 3 - CONSTRUCTION</u>				
C	<u>EXCAVATION AND EARTHWORK</u>				
C.1	Clearing site vegetation manually including removal trees, bushes, shrub etc.	Item	1.00		
C.2	Removing top soil manually to a depth not exceeding 6" and removing all debris away from site up to a distance of 30'-0".	m ²	2.50		
C.3	Manual Excavation for pits for column bases for staircase over site to reduce level in any material (except rock requiring blasting) including depositing and levelling as directed up to a distance not exceeding 30'-0" and disposal of excavated material away from site as instructed by the Engineer.	m ³	11.00		
	Total Carried To Main Summary				
D	<u>CONCRETE WORKS</u>				
D.1	Cement concrete screed 1:3:6 (30 mm) laid to a thickness of 50 mm under column /wall foundation, including mixing placing in position, compacting by manually for steel staircase.	m ²	15.00		
D.2	Grade 25, 1 : 1 1/2 : 3 (25mm) Column base size 900mm x 900mm prepared using mixer and vibrator for steel staircase.	m ³	4.50		
D.3	Grade 25, 1 : 1 1/2 : 3 (25mm) columns size 225mm x 225mm up to DPC prepared using mixer and vibrator for steel staircase.	m ³	0.30		

D.4	Pre-cast lintol size 225mm x 150mm deep in Grade 20 concrete, reinforced with 2 nos of 10mm dia. Tor steel bars and 6 mm mild steel stirrups @ 6"c/c including necessary formwork in second floor washroom.	m	15.00		
D.5	Grade 25 (1:1 1/2 : 3) concreting in staircase well void area at 2 nd floor as per the detail given. Rate shall include steel I sections beam (200 mm x100 mm x 21.3 kg/m) 10mm dia reinforcement for slab area, formwork and application of epoxy bonding agent to bonding between the fresh concrete to existing concrete and bidder shall provide detail fixing arrangement of steel beams to the existing structure (method statement). Chemical anchoring of reinforcement (If needed) (Approximate area 33m ²)	Item	1.00		
Total Carried To Main Summary					
-					
E	<u>FORM WORK</u>				
E.1	Shuttering for column base including dismantling in 15mm thick Plywood board & side supports with props.	m ²	15.00		
E.2	Shuttering for columns up to Ground level including dismantling in 15mm thick Plywood board & side supports with props.	m ²	3.00		
Total Carried To Main Summary					
-					
F	<u>REINFORCEMENT WORKS</u>				
	<i>All reinforcement shall be as per relevant British Standards having minimum characteristic strength of 460 N/mm² for ribbed tor steel and 250 N/mm² for mild steel.</i>	<i>Note</i>			

	<i>Rate shall include for necessary tests as per BS4449 and SLS 375.</i>	<i>Note</i>			
	<i>All reinforcement shall be free from mill scale, dirt,oil, paint, grease or loose rust before fixing in position and shall be brushed with a stiff wire brush as directed.</i>	<i>Note</i>			
F.1	10 mm Tor steel reinforcement bent to shape, laid in position and tied with 16 B.W.G. Aneal binding wire for column base	kg	85.00		
F.2	16 mm Tor steel reinforcement bent to shape, laid in position and tied with 16 B.W.G. Aneal binding wire for columns up to G.L	kg	73.00		
F.3	6mm Mild steel reinforcement bent to shape, laid in position and tied with 16 B.W.G. Aneal binding wire for columns up to G.L	kg	16.00		
	Total Carried To Main Summary				
	-				
G	<u>MASONRY WORKS</u>				
	<i>blocks confirming to S.L.S. 855 and subject to the approval of sample blocks</i>				
	<i>Rate shall include for lifting, handling, wetting, all rough and fair cuttings, plumbing, reveals, rough arches, raking out all joints for pointing plastering, cutting chases, making good at the completion.</i>				
	<i>Compressive Strength of Blocks not less than 2.0 N/mm2</i>				
G.1	150 mm thick cement sand solid block wall in cement and sand mortar 1:5 in cement and sand mortar 1:5 for washrooms at Second Floor.	m ²	8.00		

G.2	150 mm thick cement sand solid block wall in cement and sand mortar 1:5 in cement and sand mortar 1:5 for timber stage at Second Floor.	m ²	4.50		
G.3	225mm thick brick work in cement and sand mortar 1:5 for washrooms at Second Floor.	m ³	6.98		
	Total Carried To Main Summary				
	-				
H	<u>WATERPROOFING WORKS</u>				
	<i>The water proofing material shall conform to relevant British, Euro or ASTM specifications</i>				
	<i>Recommended Distributors/Agents who are marketing water proofing material/product are</i>				
	<i>1. M/s Finco Ltd.</i>				
	<i>2. M/s HE Engineering or any other recommended party, having experience over 10 years</i>				
	<i>The contractor shall submit;</i>				
	<i>(a) A written certificate stating that all material and workmanship are in conformity with the specifications and the manufactures requirements.</i>				
	<i>(b) The contractor shall jointly with manufacture/supplier of the waterproofing materials shall furnish a warranty to the Employer valid for a period of 10 years after handing over of the work against dampness and/or moisture penetration through treated surfaces due to defective materials and/or workmanship</i>				
	<i>Rate shall include for chipping the existing surface</i>				

H.1	Water Proofing the floor slab and walls rate shall include for cleaning the subsurface and all other work as per manufacturer's specifications with 10 years warranty on application and shall include for ponding test for a 300mm water height kept for a period of 48 hours for horizontal surfaces Recommended material is "Baralastic" dual pack with laying 1:3 cement, sand protective bed from Finco company or other equivalent .				
H.1	Ground Floor	m ²	111.00		
H.2	First Floor	m ²	111.00		
H.3	Second Floor (washrooms)	m ²	65.50		
	Total Carried To Main Summary				
J	<u>METAL WORKS</u>				
	<u>Windows</u>				
	<i>At the time of bidding, all the Bidders shall specifically be requested to submit the following information.</i>	<i>Note</i>			
	<i>The specifications and thickness of Aluminium extrusions bidder proposes to use on the works.</i>				
	<i>Full size cross sections of profiles.</i>				
	<i>Documentary evidence from the Profile Manufacture to the effect that the proposed profile will serve for the intended purpose</i>				
	<i>A Manufacturer's test certificate be produced as evidence that the powder coating is of required thickness.</i>	<i>Note</i>			
	<i>Physical properties :-</i>				

	<i>(a) Minimum tensile strength 150 Mpa</i>				
	<i>(b) Elongation 7%</i>				
	<i>All screws should be stainless steel</i>				
	<i>But hinges and bar type hinges should be Aluminium or Stainless Steel.</i>				
	<i>The over-all profile dimensions used for main members of each component are as follows. Doors - openable - 100mm x 1.5mm thick, Doors -sliding - 80mm x 1.5mm thick, 70mm x 1.3mm thick Windows - Casement - 70mm x 1.5 mm thick, Windows - Sliding -80mm x 1.5 mm thick, Fan Light -70mm x 1.5mm thick</i>	<i>Note</i>			
	<i>The rates shall include Neoprene gasket, pop rivets, Rawl plugs, Screws, Aluminium cleats etc.</i>	<i>Note</i>			
	<i>Rate shall be include for approved quality door handle and lock with other accessories</i>				
	Sliding Windows				
J.1	Powder coated aluminium sliding window, (WA) size 4280 mm x 1050 mm consisting of 5 mm thick clear glass panes, lock, roller, screws, gaskets, nut felt, pop rivots, cap, plastic guide etc. As per the members, sizes and details given in Drawing	Nr.	12.00		
J.2	Powder coated aluminium sliding window, (WB) size 3190 mm x 1050 mm consisting of 5 mm thick clear glass panes, lock, roller, screws, gaskets, nut felt, pop rivots, cap, plastic guide etc. As per the members, sizes and details given in Drawing	Nr.	1.00		
J.3	Powder coated aluminium fixed glass 100 mm hight above windows (WA) with 5 mm thick clear glass and screws, pop rivots, gasket and wool felt etc.	Nr.	12.00		

J.4	Powder coated aluminium fixed glass 100 mm high above windows (WB) with 5 mm thick clear glass and screws, pop rivots, gasket and wool felt etc.	Nr.	1.00		
J.5	Powder coated aluminium framed top hung type fanlight (FL) size 650 mm x 425 mm with fixed glass on top consisting of locks, screws, pop rivots, gaskets, hinges, weather strip etc. As per the members , sizes and details given in Drawing	Nr.	4.00		
J.6	Powder coated aluminium framed top hung type fanlight (W) size 1200 mm x 600 mm with fixed glass on top consisting of locks, screws, pop rivots, gaskets, hinges, weather strip etc. As per the members , sizes and details given in Drawing	Nr.	3.00		
	Doors				
	Openable Double Sash Door (Polyester coated 4 mm thick Aluminium Composite Panel both side & Glazed Panel)				
J.7	Powder coated Aluminium framed double sash butt hinged openable door D-01 size 1500 mm x 2100 mm with middle rail, panelling with aluminium composite panel of total thickness 4mm, with both sides Polyester coated aluminium sheets of 0.2 mm thick and glazed with 5 mm thick clear glass panes at top panel, neoprene and wooled beading, gaskets, poprivots, threaded bar with nut and approved quality lock, butt hinges, door handle with cap nut. As per the members, sizes and details given in Drawing	Nr.	1.00		

J.8.1	Powder coated Aluminium framed single sash butt hinged openable door D2 size 900 mm x 2100 mm with middle rail and fully panelling with Polyester coated aluminum composite panel of 0.2 mm thick aluminum sheets both sides of total thickness 4mm at top and bottom panel, neoprene and woold beading, gaskets, pop rivots, threaded bar with nut and approved quality lock, butt hinges, door handle with capnut. As per the members, sizes and details given in Drawing at 2nd floor	Nr.	2.00		
J.8.2	- ditto- D2 size 725 mm x 2100 mm	Nr.	8.00		
J.8.3	- ditto- D1 size 650 mm x 2100 mm	Nr.	4.00		
	Sliding Single Sash Door (Fully panelled with Polyester coated 4mm thick Aluminium Composite Panel both side)				
J.9	Powder coated Aluminium framed single sash sliding door SD size 700 mm x 2100 mm with middle rail, fully panelling with aluminium composite panel of total thickness 4mm, with both sides Polyester coated aluminium sheets of 0.2 mm at top and bottom panel, neoprene and woold beading, gaskets, pop rivots, threaded bar with nut roller, flush bolt and approved quality lock, door handle with capnut. As per the members, sizes and details given in Drawing	Nr.	4.00		
	Total Carried To Main Summary				
K	PARTTIONS				

K.1	75 x 1.2 mm thick powder coated aluminium partition frame is panelled with aluminium composite panel of total thickness 4mm, with both sides Polyester coated aluminium sheets of 0.2 mm thick, completed with board joints taped with necessary pop rivots, gasket & etc. and work complete in order and details given in Drawing				
K.1.1	In Second floor	m ²	23.00		
	Total Carried To Main Summary				
L	WOOD WORK				
	CARPENTRY WORKS				
	Timber Stage				
L.1	Supplying and fixing of 2"x 5" treated Kempus (Sawn timber) timber frame work including all other accessories for Stage.	m	60.00		
L.2	300 mm high Timber stage finishes with supplying and fixing 8" x 1 1/4" finished size "Teak" or "Kumbuk" panelled timber fixed with tongue and groove joint finished with 2" brass screws and other fixing accessories as directed including levelling with timber strips where necessary in stage area.	m ²	15.00		
	Total Carried To Main Summary				
M	PLUMBING WORKS AND SANITARY FITTINGS				
	PLUMBING WORKS				
	<i>All P.V.C. pipes should confirm to S.L.S.147. The fittings should be of the same brand as pipes.</i>				
	<i>(Note : The following quantities are provisional)</i>				

	<i>Rate shall include all the service lines connect with the existing line</i>				
	<i>Rate shall include for scaffolding works</i>				
	<i>All toilet floor works shall be executed to proper slope towards floor drains, with minimum slope 1:80, unless otherwise specified</i>				
	Cold water service				
M.1	Supplying, laying and jointing or fixing PVC pipes (type 1000), fittings, specials and valves in trenches/ not in trenches. Rate to be included for excavation and earth works or breaking walls and making good where necessary as directed by the Engineer.				
M.1	1/2" (20mm) diameter (uPVC type 1000) pipe with specials				
M.1.1	In Ground floor	m	10.00		
M.1.2	In First floor	m	10.00		
M.1.3	In Second floor	m	10.00		
M.2	3/4" (25mm) diameter (uPVC type 1000) pipe with specials				
M.2.1	In Ground floor	m	15.00		
M.2.2	In First floor	m	15.00		
M.2.3	In Second floor	m	15.00		
M.3	1" (32mm) diameter (uPVC type 1000) pipe with specials				
M.3.1	In Ground floor	m	10.00		
M.3.2	In First floor	m	10.00		
M.3.3	In Second floor	m	10.00		

	Waste water/sewerage disposal system (above ground)				
	<u>Waste Water and Sewer Distribution System</u>				
	<u>All Type 600 unplasticized polyvinyl chloride (uPVC) pipes used in the plumbing installation must confirm in every respect to the requirements of the SLS 147 of 1993 or BS 4514.</u>				
	<u>Unless otherwise measured separately, Rates shall include for:</u>				
	(a) Laying of pipes to falls.				
	(b) Excavation, backfilling, disposal of surplus soil.				
	(c) All pipe specials such as bends, junctions, elbows, tees, end caps etc.				
	(d) Necessary jointing materials i.e rubber rings, solvent cement etc, specified fillings for pipe beddings etc.				
	(e) All costs associated with provision of all holes (cutting or forming), mortises, openings, Chasing of brick, cement block or concrete walls, columns, beams etc. and necessary hangers and clips, for fixing to soffits etc. and making good all works disturbed.				
	(f) Necessary screws, nails, sockets, connection back nuts standard pipe fixing or supporting clips, saddles, brackets, holder bats, straps.				
	(g) Testing, commissioning and disinfection after completion.				

	(h) Connection to sides of manholes etc.				
	(i) Providing sleeves etc., when pipes pass through walls, foundations etc.				
	(j) Protecting the works, all necessary hoardings, barricades.				
M.4	Supplying, laying and jointing or fixing PVC pipes (type 600), fittings, specials, specials and valves in floors or fixed to walls. Rate to be included for breaking walls/floor and making good where necessary as directed by Engineer.				
	40 mm dia., uPVC waste water pipes, fittings, specials and all necessary accessories to complete the work				
M.4.1	In Ground floor	m	15.00		
M.4.2	In First floor	m	15.00		
M.4.3	In Second floor	m	15.00		
M.5	2" (63mm) diameter (uPVC type 600) pipe with specials				
M.5.1	In Ground floor	m	10.00		
M.5.2	In First floor	m	10.00		
M.5.3	In Second floor	m	10.00		
M.6	3" (90mm) diameter (uPVC type 600) pipe with specials				
M.6.1	In Ground floor	m	30.00		
M.6.2	In First floor	m	30.00		
M.5.3	In Second floor	m	30.00		

M.7	110 mm dia., uPVC sewer pipes, fittings, specials and all necessary accessories to complete the work				
M.7.1	In Ground floor	m	30.00		
M.7.2	In First floor	m	30.00		
M.7.3	In Second floor	m	30.00		
	Waste Water Manhole - Concrete				
M.8	Construction of waste water concrete manhole internal size of 1'-0" x 1'-0" & depth up to 1'-3", consist of 4" thick Grade 25 concrete base and sides, 1/2" thick cement sand rendering in 1:2 mix trowel smooth with neat grey cement to all internal surfaces and external exposed surfaces. (Rate shall include Excavation and 2" thick Grade 20 RCC cover slab with lifting hooks reinforced with 6 mm dia. M.S. rods @ 4" c/c both ways with formwork)	Nr	2.00		
	Sewer Manhole - Concrete				
M.9	Construction of RCC sewer manhole internal size of 2'-1" x 1'-7" & depth up to 2'-0", consist of 3" thick Grade 15 lean concrete, base and side walls 6" thick Grade 25 concrete r/f with 10 mm dia. tor steel @ 8" c/c both ways with formwork, 1/2" thick cement sand rendering in 1:2 mix trowel smooth with neat grey cement to all internal surfaces and external exposed surfaces and channel with 1:6 benching. Excavation and 3" thick Grade 20 RCC cover slab with lifting hooks (Rate shall include Reinforced with 10 mm dia. M.S. rods @ 6" c/c both ways and formwork)	Nr	1.00		

	SANITARY FITTINGS				
	<i>The offered sanitary fittings has a 10 Year manufacturer's warranty issued by the agent</i>				
	<i>The cistern mechanism shall have an assurance for the availability of spares for the next 3 years.</i>				
	<i>The fittings are manufactured in conformity to A.S. or S.L.S. standards.</i>				
	<i>(b) Assembling, jointing together fixing components parts, and jointing to pipes including necessary coupling and for leaving perfectly clean and in perfect working order as on completion.</i>				
	<i>(c) all necessary fixtures for sanitary fittings and special connection to water supply, wastewater and sewer lines</i>				
	<i>(d) Jointing and connection pipes to sanitary fittings.</i>				
	<i>(e) Testing and commissioning of the installation.</i>				
	<i>(f) Making good the work disturbed.</i>				
	<i>(g) Protecting the works</i>				
	<i>(h) All Samples should be approved by the Engineer</i>				
	<i>(j) Colour of the Sanitary fitting should be approved by the Engineer.</i>				
	<i>(k) Floor gully & floor drain covers should be stainless steel heavy duty cover and must be fixed to the floor with screws.</i>				

	<i>Fittings should be connected to the existing plumbing system</i>				
M.10	Supply and fix white vitreous china (vc) floor standing close coupled semi back to wall water closet suite with wash down flushing with 6/3 liters dual flushing has horizontal outlet with vario drain bend and two lateral holes for bottom water connection , P trap or S trap, cistern with water inlet from rear of "Rocell" brand or approved equivalent complete to working order inclusive of universal bend. Prime cost of the water closet, tank and seat cover is Rs.48,698.00 (Rate shall be included for Chromium plated 1/2" dia. Angle valve)				
M.10.1	In Ground floor	Nr	2.00		
M.10.2	In First floor	Nr	2.00		
M.10.3	In Second floor	Nr	4.00		
M.11	Supply and fix squatting pan with foot rest with p trap of "Rocell" brand or approved equivalent complete to working order. Prime cost of the squatting pan with foot rest with p trap is Rs. 9,218.00. (Rate to be include supplying and fixing of plastic high level cistern and all other necessary connections) (Rate shall be included for Chromium plated 1/2" dia. Angle valve)				
M.11.1	In Ground floor	Nr	2.00		
M.11.2	In First floor	Nr	2.00		

M.12	Supply and fix Urinal with sensor of "Rocell" brand or approved equivalent complete to working order. Prime cost of the Urinal with sensor is Rs. 53,131.00. (Rate shall be included for Chromium plated 1 1/4" dia. siphon cleanable bottle trap and Chromium plated 1/2" dia. Angle valve)				
M.12.1	In Ground floor	Nr	2.00		
M.12.2	In First floor	Nr	2.00		
M.13	Supply and fix chromium plated Bidet Spray of "Rocell" brand or approved equivalent. Prime cost of the chromium plated Bidet Spray is Rs. 2,696.00. (Rate shall be included for Chromium plated 1/2" dia. Angle valve)				
M.13.1	In Ground floor	Nr	4.00		
M.13.2	In First floor	Nr	4.00		
M.14	Supply and fix Chromium plated Bip tap of "Rocell" brand or approved equivalent. Prime cost of the Chromium plated Bip tap is Rs. 5,218.00.				
M.14.1	In Ground floor	Nr	2.00		
M.14.2	In First floor	Nr	2.00		

M.15	Supply and fix white vitreous china (vc) floor standing wash basin and pedestal with overflow hole and single tap hole in center of "Rocell" brand or approved equivalent complete to working order. Prime cost of the floor standing wash basin and pedestal is Rs.21,653.00 (Rate shall be included for 1 1/4" chromium plated waste outlet of "Rocell" brand or approved equivalent and 1 1/4"chromium plated siphon cleanable bottle trap of "Rocell" brand or approved equivalent. 18" length 1/2" dia Chromium plated flexible hose , Chromium plated 1/2" dia. Angle valve , Chromium plated pillar tap including other fixing accessories)				
M.15.1	In Ground floor	Nr	3.00		
M.15.2	In First floor	Nr	3.00		
M.15.3	In Second floor	Nr	2.00		
M.16	Supply and fix chromium plated Soap holder of "Rocell" brand or approved equivalent and all necessary fixing accessories. Prime cost of the chromium plated Soap holder is Rs.5653.00.				
M.16.1	In Ground floor	Nr	2.00		
M.16.2	In First floor	Nr	2.00		
M.16.3	In Second floor	Nr	2.00		
M.17	Supply and fix chromium plated Toilet Paper Holder of "Rocell" brand or approved equivalent. Prime cost of the chromium plated Toilet Paper Holder is Rs.6,436.00.				
M.17.1	In Ground floor	Nr	4.00		

M.17.2	In First floor	Nr	4.00		
M.17.3	In Second floor	Nr	4.00		
M.18	Supply and fix 4mm thick mirror of size 0'-20" x 0'-38" double coated with pencil edge back strecher with stainless steel clips and plugs to be fixed to wall. Rate to include for fixtures.				
M.18.1	In Ground floor	Nr	2.00		
M.18.2	In First floor	Nr	2.00		
M.18.3	In Second floor	Nr	2.00		
M.19	Supply and fixing of 150 x150mm moulded approved quality stainless steel floor trap gully cover with uPVC floor gully. Rate shall include for all fixtures.				
M.19.1	In Ground floor	Nr	5.00		
M.19.2	In First floor	Nr	5.00		
M.19.3	In Second floor	Nr	5.00		
	Total Carried To Main Summary				
N	ROOF COVERING/ROOF PLUMBING				
	<i>General Notes</i>				
	<i>Rates shall include for the cost of following:</i>				
	<i>Work shall be done in accordance with specifications for electrical and mechanical works - ICTAD Publication No.SCA/8 of Aug.2000(2 nd Edition - Revised)</i>				

	<i>Material shall be done in accordance with BS2989:1992 or with BSEN10147:1992 or ASTM A792M.</i>				
	<i>Coating mass is AZ150 (Min.150 gms/sq.m total on both sides)zinc alum profile roofing sheet.</i>				
	<i>The nominal base metal thickness should be 0.42 mm and total coated thickness (TCT) not less than 0.47mm, HI-Tensile steel with min.550Mpa yield strength, metallic hot dip coated Aluminium-Zinc alloy (55% Aluminium, 43.5% Zinc,1.5% Silicon).</i>				
	<i>The minimum rib size is 28mm.</i>				
	<i>The sheeting shall be fixed to timber purlins using compatible self-drilling hexagon washer head tap screws with neoprene washer & to steel purlins using compatible self drill thread forming nominal 40µm Zinc coated or 25µm zinc-tin alloy coated, hexagon washer head screw with EPDM washer.</i>				
	<i>Fastners shall be fixed on each ribon purlins at top, bottom & laps of sheets, and one very other ribon intermediate purlins. The fastner size shall be calculated as per the design or manufacturer's recommendations.</i>				
	<i>All necessary cuttings, drillings, bolting, reverting, welding, grinding, delivering, unloading, hoisting, erecting and fixing in position, levelling, plumbing and preparation, submission and getting approval of all shop drawings.</i>				
	<i>All necessary laps, seams, ends, upstands and downstands, aprons, sills etc.</i>				

	<i>All necessary roofing nuts and bolts, washers, brackets, welding rods & paint etc.</i>				
	<u>Zinc Aluminium Coated Profiled Steel Sheets</u>				
N.1	Supply and fix zinc alum profile roofing colour sheet, laid on existing purlings with joints to be properly connected with an adequate side lap to ensure water tightness along the entire length and complete to working order.(Thk. 0.47mm , AZ 150) Rate shall include necessary flashings	m ²	600.00		
N.2	Supply and fixing 0.47 mm zinc alum valance board 305 mm girth with 20 mm x 5 mm x 12" long flat iron bracket 2'-0" c/c and complete to working order. Rate shall include for scaffolding.	m	125.00		
N.3	Supply and fix proprietary coated zinc alum gutter size-Girth 610 complete with stop end plates, pop rivot, etc. All joints to be properly connected with an adequate laps not less than 150 mm length and with sealant to ensure water tightness along the entire length of the gutter and including compatible galvanized gutter brackets at 600 mm centers with an adequate slope as directed and fix in position and subject to specific approval by the Divisional Engineer.(Thk. 0.47mm , AZ 150)	m	125.00		
N.4	Supply and fix proprietary coated zinc alum square down pipe size 135 mm x 135 mm compatible for girth 610 mm gutter complete with necessary nozzle, offset, 30' degree bend down pipes, shoe, down pipe bracket, etc. All joints to be properly connected and with sealant to ensure water tightness along the entire length. Down pipe brackets @ 1.0 m c/c. (Thk. 0.47 mm , AZ 150)	m	60.00		

N.5	Supplying and fixing zinc aluminium standard ridge or gable cap (Girth 610 mm) using 10x16 mm self drilling fasteners at 190 mm c/c to existing sheet & work complete in order. (Thk. 0.47mm , AZ 150)	m	38.00		
N.6	Supplying and fixing Zinc alum Valley gutter of girth 610 mm using 10 x 16 mm self drilling fasteners at 190 mm c/c to existing sheet & work complete in order. (Thk.0.47 mm, AZ 150)	m	8.00		
	Total Carried To Main Summary				
O	<u>ELECTRICAL WORKS</u>				
	<i>Rates in Bill of Quantities shall include all necessary materials (Cables, conduits, PVC sunk box, bulbs, switches etc.) and labour required to complete the electrical installation to good working order.</i>	<i>Note</i>			
	<i>Except where specifically stated, all costs associated with provision of all holes, openings, chases, ducts and other builders' work required for installation and make them good, shall be included in the rates.</i>	<i>Note</i>			
	<i>Rate shall include supply and installation of following lighting fixtures, as specified and detailed, fixed in position including all fixing accessories, supports and connect to power</i>	<i>Note</i>			
	<i>All types of fittings, materials, painting and finishes shall be approved by the Engineer prior to installation.</i>	<i>Note</i>			
	<i>Lamp fitting shall include the cost of fitting and bulb & shall be given a two year Warranty and one year warranty for bulb.</i>	<i>Note</i>			

	<i>Rate shall include for bracket/ channel to purlin</i>				
	<i>All the measurements for AC wiring and electricity power cables and electrical accessories and wiring points are measure and pay basis</i>				
	<i>Casing/Conduites - Polycrome</i>				
	<i>Blubs - Green (with two year warranty)</i>				
O.1	2'-0" x 2'-0" LED 48 watt ceiling surface mounted panel light fitting - Square Type. (Prime cost of the 2'-0" x 2'-0" LED 24watt ceiling surface mounted panel light fitting - Square is Rs.7,200.00)) for lecture halls	Nr.	50.00		
O.2	Inner diameter of 5" Ceiling mounted down light complete with 12 w LED lamp (Prime cost of the Ceiling mounted down light complete with 12w LED lamp is Rs.4,250.00) for washrooms at Ground Floor	Nr.	7.00		
O.3	Inner diameter of 5" Ceiling mounted down light complete with 12 w LED lamp to the (Prime cost of the Ceiling mounted down light complete with 12w LED lamp is Rs.4,250.00) for washrooms at First Floor	Nr.	7.00		
O.4	Inner diameter of 5" Ceiling mounted down light complete with 12 w LED lamp. (Prime cost of the Ceiling mounted down light complete with 12w LED lamp is Rs.4,250.00) for washrooms at Second Floor	Nr.	7.00		
O.5	Light point wired through a 10 Amp one gang one way plate switch using 2 x 1/1.13 mm (2 x 1/.044) P.V.C. insulated copper wire in fully concealed/ surface P.V.C.conduits. (For a switch circuit)	Nr.	71.00		

O.6	Ceiling fan of 56" Sweep KDK-brand (M56RG-model) with Air flow rate of 225 cu.m/min @ RPM270 with tolerance as per SLS814 and two star energy label as per SLS1600 (This item shall be specific requirements) (Rate shall include for threaded rod or bracket to purlin)	Nr.	30.00		
O.7	Fan regulator wired through a 10Amp plate one gang one way switch using 2 x 1/1.13 mm P.V.C. insulated copper wire & 1 x 7/ 0.67 mm P.V.C. insulated copper earth wire in fully surface plastic casing and capping	Nr.	30.00		
O.8	Supply and install 160A, 4P, MCCB with suitable accessories including necessary size power cables, lugs etc. to the main DB of Extension to the East Wing Building (Connection cables must be at least 95mm ² Cu/PVC/PVC cable	Item	1.00		
O.9	Supply, install and laying of 4 x 70mm ² Cu/PVC/XLPE/SWA power cable from MDB of Extension to the East Wing building to the 3rd floor of old East Wing building as follows				
	a. supply and installation of 4 x 70 mm ² Cu/PVC/XLPE/SWA power cable through suitable size cable trunking/cable ladder or pvc casing inside the new building area (Rate to include all the necessary materials to working order)	ft	35.00		
	b. supply and installation of 4x70mm ² Cu/PVC/XLPE/SWA as an underground cable. (Rate to include making a trench at least 3feet depth, protection cable tile, warning tape and backfilling as same earlier condition of the floor area)	ft	22.00		

	c. supply and installation of 4 x 70 mm ² Cu/PVC/XLPE/SWA power cable from floor end up to the 3rd floor of old East Wing building. (Rate to include suitable size pvc casing or any suitable mechanism to cover and fixing of the armoured cable and charges for the scaffoldings from outside building).	ft	35.00		
O.10	supply and installation suitable size powder coated bus bar panel board with	Item	1.00		
	ELR with necessary CT's - 1 set				
	160A, 4P, MCCB with shunt coil - 1 no				
	200A, bus bar set - 01 no				
	40A, 4P, MCB - 08 nos				
	32A, 4P, MCB - 08 nos				
	40A, 2P, RCCB - 03 nos				
	32A, 2P, MCB - 03 nos				
	20A, 1P, MCB - 06 nos				
	16A, 1P, MCB - 06 nos				
	10A, 1P, MCB - 16 nos				
	rate to include for all accessories need for proper working condition				
O.11	Supply and wiring of 4 x 4 mm ² Cu/PVC/PVC wire + 2.5mm ² earth wire from newly install DB to each AC points	m	450.00		
O.12	Supply and installation of 32A, MCB and 40A, RCCB to the each AC indoor unit	Item	1.00		
	Total Carried To Main Summary				
P					
	<u>FLOOR, WALL, CEILING FINISHES</u>				
	<u>WALL FINISHES</u>				
	<u>Wall tiling</u>				

P.1	Glazed Ceramic wall tiling of size 300 mm x 600 mm approved colour, supplying and fixing to walls on a 1:3 cement sand mortar layer, and pointed with tile grout to match the tile. (Rate shall include the 1:3 cement sand mortar layer) (Prime Cost of tile Rs.700.00) for Ladies and Gents washrooms				
P.1.1	Ground Floor	m ²	80.00		
P.1.2	First floor	m ²	80.00		
P.1.3	Second floor	m ²	36.50		
	<u>Wall plastering</u>				
	<u>For coarse plaster (identified as "semi-rough") all the sand should pass through 4.0mm sieve.</u>				
P.2	16 mm thick internal plastering in 1:1:5 cement, lime and sand mortar finished smooth with lime putty for washroom. Rate to be included for door and window reveals at wall near washroom at 2 nd floor.	m ²	68.00		
	<i>Floor Tiles should comply to SLS 1181:2013 "specification for ceramic tiles" and shall comply to relevant abrasion resistant class.</i>				
P.3	Homogeneous porcelain semi gloss floor tile 300 mm x 600 mm paving on 1:3 cement & sand mortar leveling bed and pointed with tile grout to match the tile. (Prime Cost of tile is Rs. 627.00) Rates include the cost of 1:3 cement:sand mortar levelling bed.				
P.3.1	At Ground floor	m ²	35.00		
P.3.2	At First floor	m ²	35.00		

P.3.3	At Second floor (inside lecture hall and outside)	m ²	420.00		
P.3.4	At Second floor (Washroom)	m ²	33.00		
P.4	1/2" thick Rendering to the top surface of the sunshade with cement and sand 1:3 finished smooth to a slope of 1:80 and treated with two coats of "Aqua Tuff " by M/s Lankem or approved equivalent water proofing agent	m ²	36.50		
P.5	Supply and laying of 4"high skirting including tile grout to match the tile of tiling confirming to items P.3.3 and items P.3.4	m	110.00		
	CEILING FINISHES				
P.6	Supplying & installing of suspended Aluminium Panel Ceiling in 600 mm x 600 mm grid size reveal/ bevel type using hot dipped GI pre-engineered inter-locking main tees (38mmx15mm) and cross tees (25mmx15mm)and wall angles expose areas inished with white baked enamel finish and suspended on 4 mm dia.adjustable hanger rods with spring clips.Ceiling panels will be Compton aluminium tiles 600 mm x 600 mm x 0.7 mm (thickness) and complete to working order as per manufacture's specifications. (Prime cost of 2'-0" x 2'-0" aluminium sheet is Rs. 1,780.00)				
P.6.1	in washrooms at First floor	m ²	35.00		
P.6.2	lecture halls	m ²	450.00		

P.7	Supply and fix asbestos eaves ceiling sheets to underside of existing rafters, including approved timber coves and fillets. Fillets 1" x 1/4" and cove mouldings 1 1/2" x 1 1/2", all fixed as per manufacturer's instructions. Ceiling to receive one coat primer and two coats approved emulsion paint; timber trims to receive one coat primer and two coats approved enamel paint. Rate includes all materials, fixings, labor, and painting	m ²	85.00		
P.8	Supply and lay (4-5) mm thick class1 Fire Retardent double air bubble insulated with aluminium foil on both sides (Rvalue12.3), heat reflective material to under side of roof with 3 mm air gap tape, supported with Gauge18,3"x3" GI mesh and joint tape complete to working order.	m ²	550.00		
Total Carried To Main Summary					
Q	<u>PAINTING</u>				
	<i>Remove efflorescence, nails, unwanted casing, capping and hooks and loose materials from wall surface.</i>	<i>Note</i>			
	<i>Protect all the hardware accessories, light fittings, switches, mechanical equipment's and similar items already installed and not to be painted.</i>	<i>Note</i>			
	<i>Scrape entire wall surfaces, fill holes, cracks with paint manufacturer's approved material. Prepare the wall surface using manufacturer's recommended product to have even and uniform surface i.e. free of undulations, waves etc.</i>	<i>Note</i>			

	<i>Rate shall include for preparation of surfaces, cleaning down, smoothing, knotting, stopping, patching up cracks, etc., protection of floors and all the hardware accessories, fittings, switches, mechanical equipment's and similar items already installed and not to be painted., removing and replacing door and window fittings, if required, and cleaning upon completion.</i>				
	<i>Rate shall include for painting of door and window reveals etc.</i>				
	<i>Paint brand should be CIC or equivalent and the approval for brand and colour should be obtained by the Engineer</i>				
	Painting internal walls				
Q.1	Apply two coats of skim coats on semi-rough plaster and make it smooth with sand papering and apply one coat of acrylic wall primer and two coats of emulsion paint on internal walls for lecture halls.	m ²	250.00		
Q.2	Apply two coats of skim coats on semi-rough plaster and make it smooth with sand papering and apply one coat of acrylic wall primer and two coats of emulsion paint on internal walls for wash rooms at Ground Floor.	m ²	89.00		
Q.3	Apply two coats of skim coats on semi-rough plaster and make it smooth with sand papering and apply one coat of acrylic wall primer and two coats of emulsion paint on internal walls for wash rooms at First Floor.	m ²	89.00		

Q.4	Apply two coats of skim coats on semi-rough plaster and make it smooth with sand papering and apply one coat of acrylic wall primer and two coats of emulsion paint on internal walls for wash rooms at Second Floor.	m ²	68.00		
	Washrooms				
Q.5	Painting walls & soffits with one coat of crack binder primer and ainting soffit with two coats of emulsion paint including preparing surface at Ground floor.	m ²	35.00		
Q.6	Painting walls & soffits with one coat of crack binder primer and painting soffit with two coats of emulsion paint including preparing surface at Second floor.	m ²	35.00		
	Painting for Carpentry and joinery				
Q.7	Preparing and application two coats of water based stain and two coats of water based top coat to timber stage . Rate shall include for preparing the surface and sanding with sand paper 80, 120, 180 and 320 or 400. (Prime cost of "JAT- Sayer lack Brand" is water base stain - 4 l is Rs.12,428.00 & water base top coat-5 l is Rs.23,535.00 with 5 year product warranty)				
Q.7.1	Timber stage	m ²	15.00		
	External wall spray painting				
	<i>Rate shall include surface preparation (Cleaning, sanding, minor repairs)</i>				
	<i>Rate shall include for protection and masking (doors, windows etc.)</i>				

Q.8	Prepare and apply one coat of wall primer and two coats of approved colour weathershield paint via spray. (paint approved by Engineer) including preparing the surface including removal of dust, loose particles, fungus, algae for external walls	m ²	850.00		
Q.9	Prepare and apply one coat of wall primer and two coats of approved colour weathershield. (paint approved by Engineer) including preparing the surface including removal of dust, loose particles, fungus, algae for external walls in washroom 2nd floor	m ²	20.00		
	Total Carried To Main Summary				
R	OTHER				
	<i>Contractor should submit shop drawing, method statement, fixing arrangement for prior approval of Engineer</i>				
R.1	Supplying, fabricating, and installing external stairway consisting with following (a) Column 200 mm x 100 mm x 21.3 kg/m (b) beam 200 mm x 100 mm x 21.3 kg/m and 150 mm x 75mm x 14 kg/m (c) mild steel chequered plate 4mm (d) 40 mm x 40 mm x 5mm angle iron with treads/landing, complete with all necessary welding, cutting, grinding, drilling, fixing bolts, nuts, washers, anchors, primer and two coats of enamel paint, including erection in position up to approx. 7.0 m height (Ground floor to 2nd floor) as per details given in drawing (Excluding RCC foundation, which is measured and paid separately).	Item	1.00		
	Rate shall include following items				
(i)	Steel staircase fabrication (stringer, treads, base plates)				

(ii)	H columns from ground level to upper floor (10 nos)				
(iii)	Anchor bolts including drilling and fixing and other accessories etc				
(iv)	2 coats of primer and two coats of epoxy marine paint for mild steel frame work				
R.2	Supplying , fabricating & fixing G.I box bar staircase handrail consist of 2" x 2" x 1.6 mm thick G.I box bar upright @ 4' c/c as vertical members fixed bottom end to steps with the 4" x 4" x 12 mm thick M.S. plate connecting with 4 nos of 10 mm dia. anchor bolts and top end weld to 2" x 2" x 1.6 mm thick G.I box bar , 3/4" x 3/4" x 1.6 mm thick G.I box bar @ 6" c/c as vertical intermediate members top end weld to 2" x 2" x 1.6 mm thick G.I box bar and bottom end weld to 2" x 1" x 1.6 mm thick G.I box bar finished smooth and work complete in order . Rate Shall include for applying two coats of primer and two coats of epoxy marine paint. Final finish shall be approved by the Engineer				
R.2.1	Staircase	m	35.00		
R.3	Supply and fix 0.5 mm Zn/Al sheet cantilever wall-mounted canopy including mild steel L-angle brackets and purlins, fasteners, sealant, and flashing. Includes cutting, welding, painting of steel, fixing sheets, sealing joints, and finishing, as per drawings and specifications	m ²	142.00		
	Total Carried To Main Summary				
T	EXTERNAL WORKS				
	Interlock Paving				

	<i>Unless otherwise measured separately, Rates shall include for:</i>				
	<i>Compacting and well ramming of leveled surface with 2 ton vibrating roller for paving area</i>				
	<i>All debris should cart away the site as directed and excess soil can dispose within the site</i>				
	Supply & paving 80 mm thick Rectangular (Approx. size 200 mm x 100 mm) natural colour pre cast interlocking paving blocks of 40N/mm ² compressive strength, on 2" thick compacted Quarry dust laid on top of a levelled and well compacted earth sub base for the high volume traffic areas. Paving blocks should confirming to S.L.S 1425: Part I & II and subject to the approval of the quality & colour including transport and laying.	m ²	45.00		
	Total Carried To Main Summary				
S	PROVISIONAL SUM				
S.1	Any other unforeseen works as per the instructions given by Engineer	Pro. Sum	1.00	800,000.00	800,000.00
S.2	Improvements to the existing drainage system	Pro. Sum	1.00	600,000.00	600,000.00
S.3	Roof structure modification for Zn/Al roofing sheets. This shall be included. Supply and fixing of lipped channel (2' x 4')/ box bar 2"x4" to existing pre cast concrete purlin as instructed by Engineer.	Pro. Sum	1.00	700,000.00	700,000.00
S.4	Electrical wiring works for Second floor	Pro. Sum	1.00	500,000.00	500,000.00
S.5	Improvement of landscaping work	Pro. Sum	1.00	200,000.00	200,000.00
	Total Carried To Main Summary			.	2,800,000.00

K	<u>BUY BACK ITEMS</u>				
	<u>Following items should be purchase by Contractor and taken away from the site. (Contractor should purchase these items for reasonable value) Prime Value of Buy Back items should be not less than Rs . 1,300,000.00.</u>	<i>Note</i>			
K.1	4280 mm x 1050 mm size Aluminum window sashes with frame Type WA with fixed glass above	12	nr		
K.2	3190 mm x 1050 mm size Aluminum window sashes with frame Type WB with fixed glass above	01	nr		
K.3	650 mm x 425 mm size Aluminum fan light with frame	06	nr		
K.4	1050 mm x 425 mm size Aluminum fan light with frame	01	nr		
K.6	Existing timber ceiling with timber frame	440	m2		
K.7	Existing Angle asbestoes roof with timber frame	600	m2		
K.12	PVC door sashes with frame 750 mm x 2100 mm	3	nr		
K.13	Aluminum door sashes with frame 900 mm x 2100 mm	2	nr		
K.14	glass blocks (9 nos)	1	Item		
K.15	grill 1975mm x 625mm	1	nr		
K.16	existing canopies 142m2	1	Item		
K.17	L angles for canopies 1798.4kg	1	Item		
K.18	roller doors 4000 mm x2100mm - 1 no, 2300mm x 3000mm - 2nos	3	nr		
K.19	Ceiling fan	30	nr		
K.20	louver	1	nr		
K.21	Timber stages	14	m2		
	Sub Total of Provisional Sum Carried to Main Summary				
	Sub Total				
	Total				
	Contingencies 10%				
	Add 18% VAT				
	Grand Total				

**Renovation of Lecture hall 1 and Lecture hall 2 and washrooms at Faculty of
Management and Finance, University of Colombo**

Contract No :- UOC/CWP/04/2024/FMF/LH/30

	Description	Amount
	Bill No 1	
A	PRELIMINARIES	
	Bill No 2	
B	REMOVAL AND DEMOLISHING	
	Bill No 3 - Construction	
C	EXCAVATION AND EARTHWORK	
D	CONCRETE WORKS	
E	FORMWORK	
F	REINFORCEMENT WORKS	
G	MASONRY WORKS	
H	WATERPROOFING WORKS	
J	METAL WORKS	
K	PARTITIONS	
L	WOOD WORK	
M	SANITARY FITTINGS	
N	ROOF COVERING/ROOF PLUMBING	
O	ELECTRICAL WORKS	
P	FLOOR, WALL, CEILING FINISHES	
Q	PAINTING	
R	OTHER	
S	PROVISIONAL SUM	2,800,000.00
T	EXTERNL WOKS	
	Sub Total 01	

	Less: Amount of Provisional Sum items	(2,800,000.00)
	Sub Total 02	
	Less: *Discount if any (**.....%)	
	Sub Total 03	
	Less: Buy back items	
	Add: Amount of Provisional Sum items	
	Sub Total 04	
	Contingencies	
	VAT 18%	
	Total	

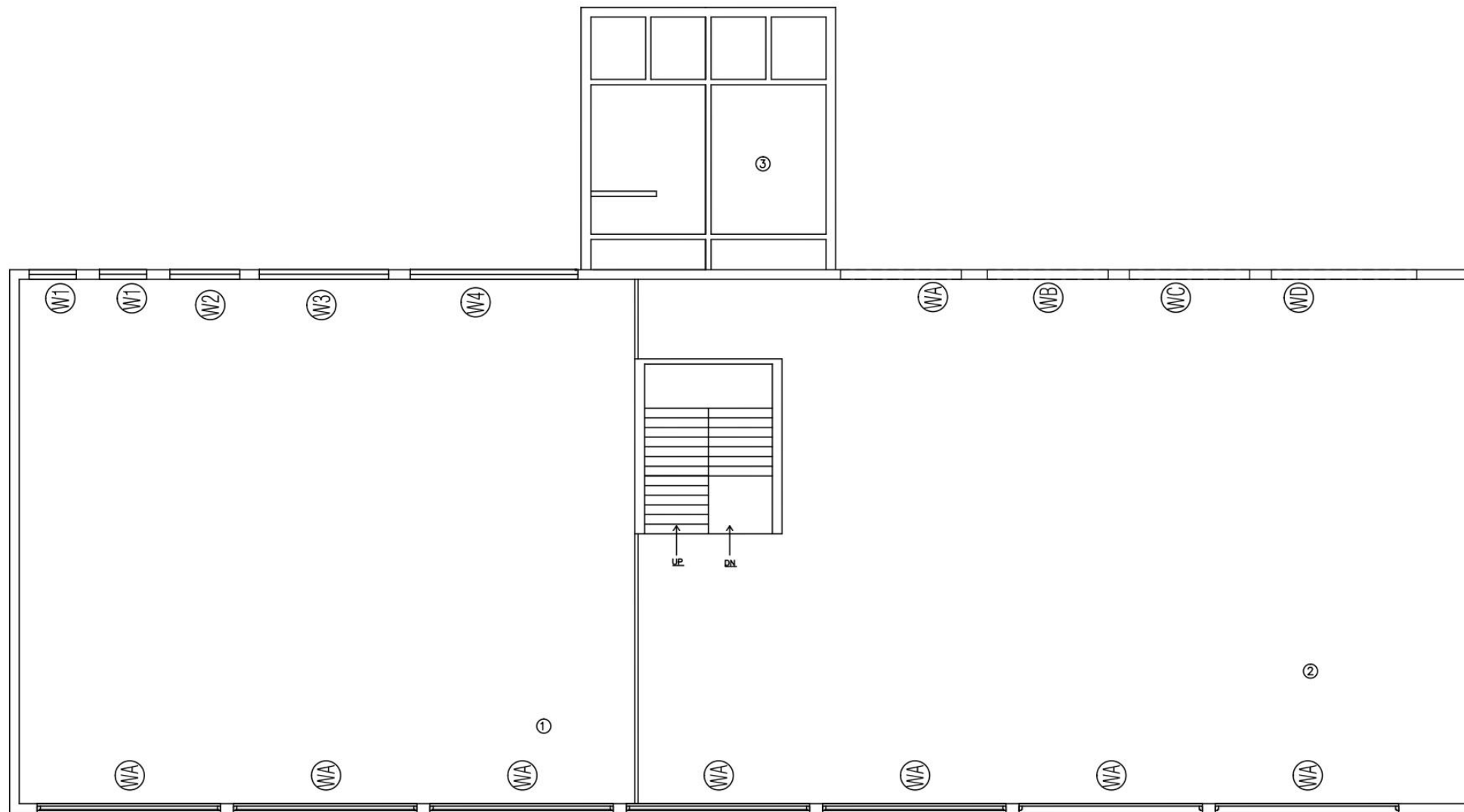
DAY WORKS SCHEDULE

No	Description	Unit	Rate
	<u>Materials</u>		
1	Cement	50kg (bag)	
2	Sand	01 cube	
3	¾" Metal	01 cube	
4	Reinforcement (10mm dia)	01 kg	
5	Reinforcement (6mm dia)	01 kg	
6	Plywood sheet (8'x4')	01 Nos	
7	Bricks (9"tk)	01 Cube	
8	Blocks (6"tk)	01 Sq.ft	
9	Tile Adhesive	01 kg	
10	Tile Grout	01kg	
11	Aluminum works (Door or Partition)	01 Sq.ft	
	<u>Labour</u>		
12	Special Skilled Labour (Carpenter, Electrician, Pipe fitter, Heavy Equipment Operator, Aluminium	1 Day	
13	Skilled Labour (Mason, Barbender, Painter, Welder, Mechanic, Glazier, Tinker, Sewerage Labourer)	1 Day	
14	Semi-Skilled Labour (Pump Attendant / Vibrator Operator / Gen-Set Operator etc.)	1 Day	
15	Semi-Skilled Labour (Asst. Mason / Asst. Carpenter / Asst. Bar Bender etc)	1 Day	
16	Unskilled Labour	1 Day	
	<u>Equipment</u>		
17	Hammer Demolition Machine	1 Day	
18	Concrete Breaker	1 Day	
19	Porker	1 Day	
20	Mixer machine	1 Day	
21	Iron Cutting Machine	1 Day	

Signature and seal of the Bidder:

SECTION 8

DRAWINGS



- 1 . LECTUER ROOM
2 . LECTUER ROOM
3 . WASH ROOM

SECOND FLOOR

UNIVERSITY OF COLOMBO

College House,
Cumarathunga Munidasa Mawatha,
Colombo 03.

CAPITAL WORKS & PLANNING BRANCH
Tel.011 2500160

Management Faculty

Lecturer hall
EXISTING PLAN

Drawn By - M.G.Hasini Deepashika

Check By - J.T.H.Chathurangani (Eng)

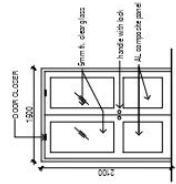
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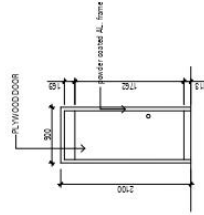
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Drawing No. 01

Approval By -



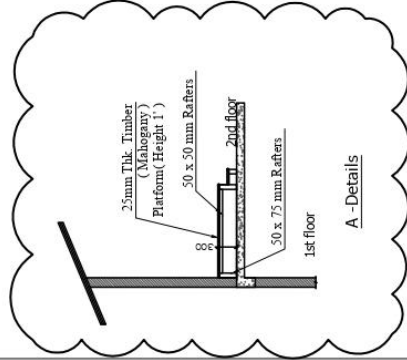
D1
Double door



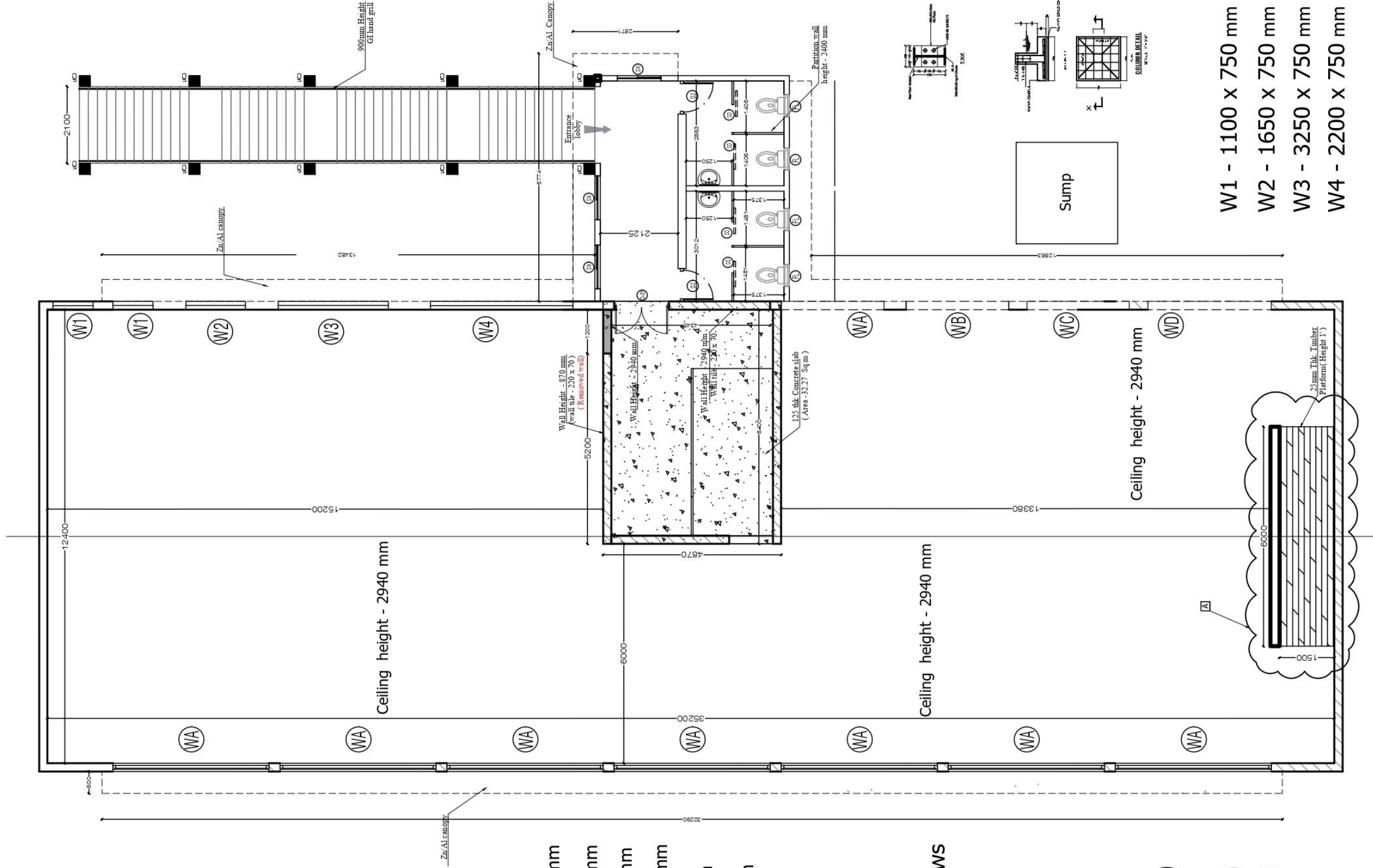
D2
Door

WA - 4200 x 1425 mm
WB - 2400 x 1425 mm
WC - 1500 x 1425mm
WD - 4200 x 1425 mm
SD - 700 x 2100 mm
SW - 600 x 1200 mm
(NO : 03)

SD -Sliding door
SW -Sliding Windows



A -Details



W1 - 1100 x 750 mm
W2 - 1650 x 750 mm
W3 - 3250 x 750 mm
W4 - 2200 x 750 mm

UNIVERSITY OF COLOMBO

College House,
Cumaratunga Munidasa Mawatha,
Colombo 03.

CAPITAL WORKS & PLANNING BRANCH
Tel.011 2500160

Management Faculty

Lecturer hall
Stair case

Drawn By - M.G.Hasini Deepashika

Check By - J.T.H.Chathurangani (Eng)

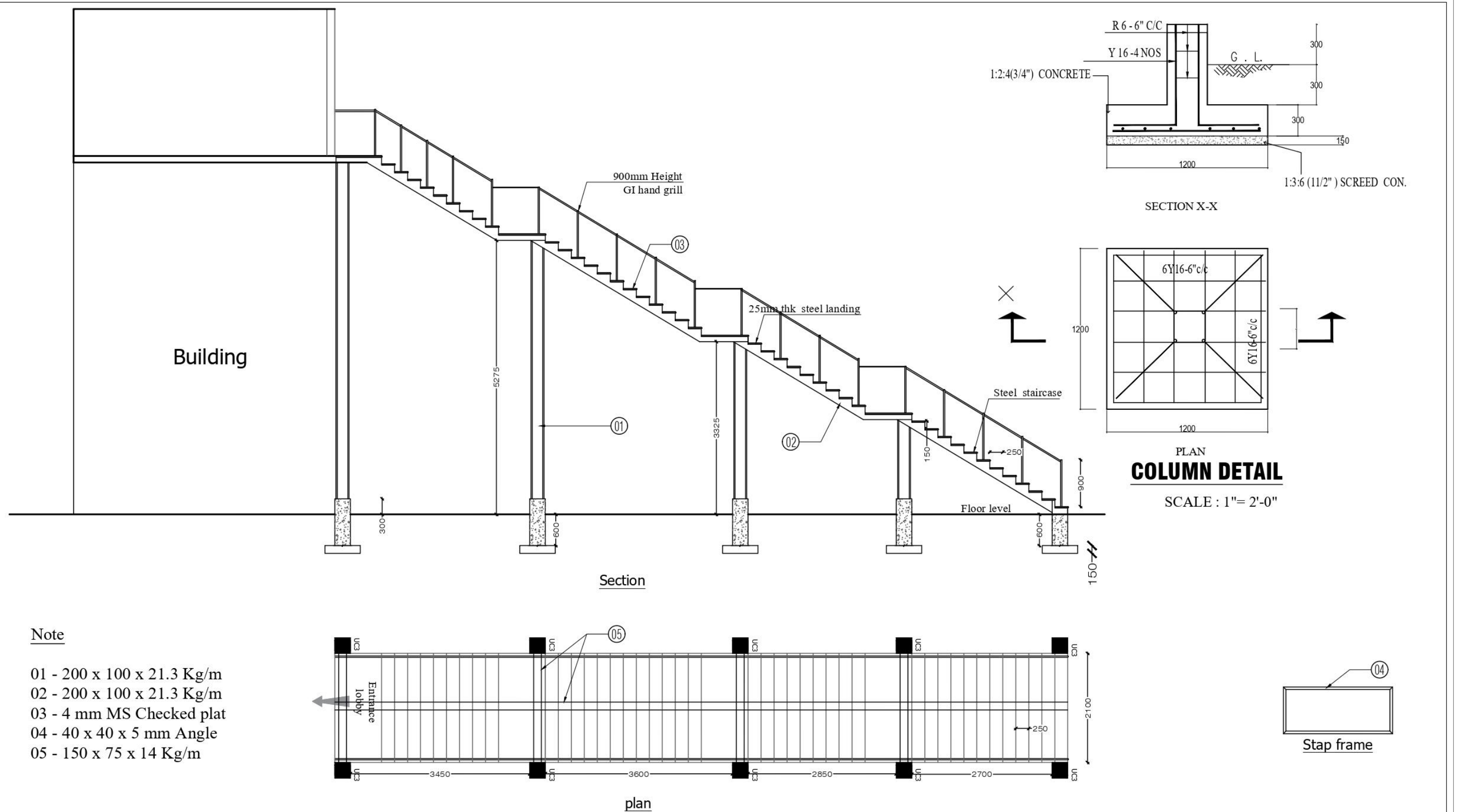
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Drawing No. 01 -R1

Approval By -



UNIVERSITY OF COLOMBO

College House,
Cumarathunga Munidasa Mawatha,
Colombo 03.

CAPITAL WORKS & PLANNING BRANCH
Tel.011 2500160

Management Faculty

Lecturer hall
Stair case - Elevation

Drawn By - M.G.Hasini Deepashika

Check By - J.T.H.Chathurangani (Eng)

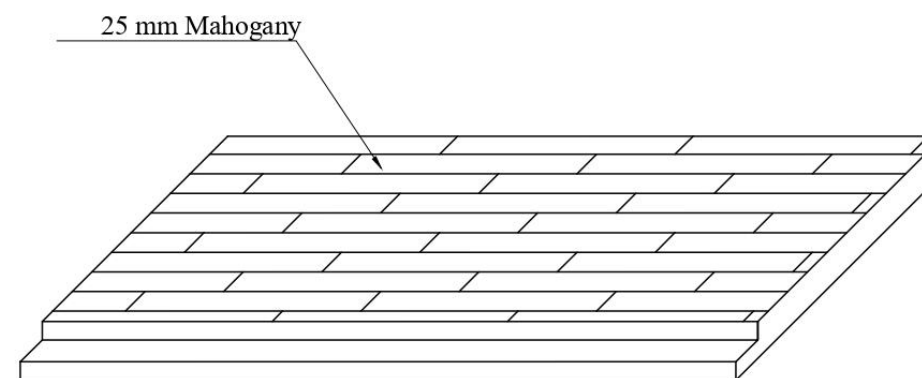
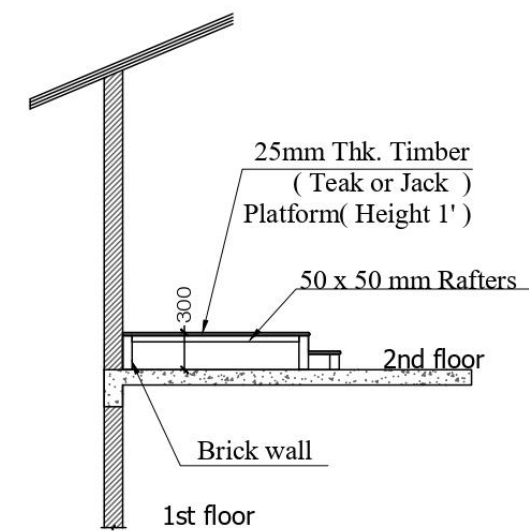
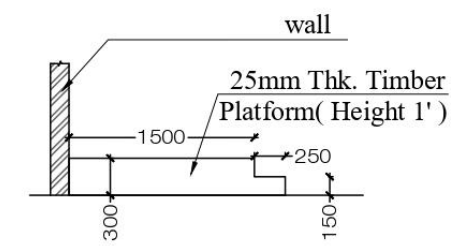
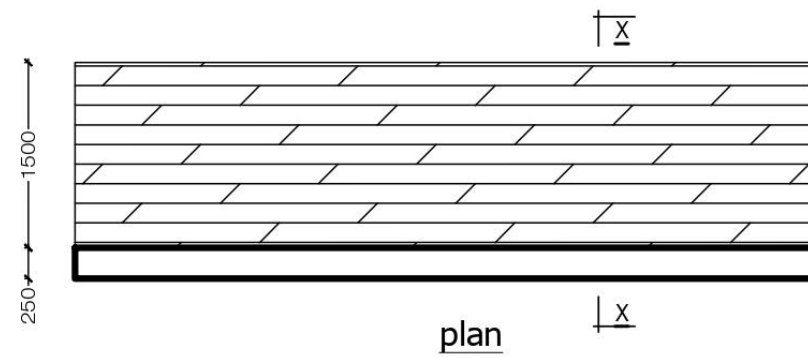
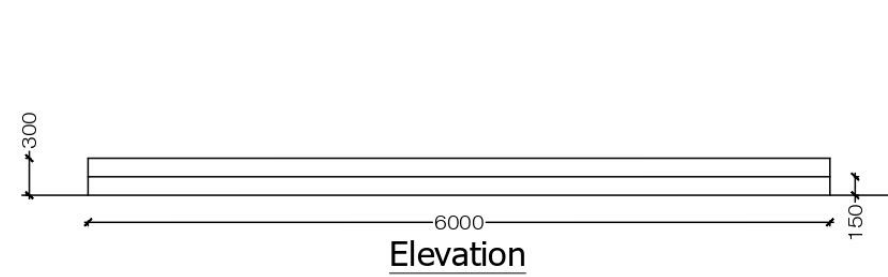
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Date:24.09.2025

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Drawing No. 02-R1

Approval By -



UNIVERSITY OF COLOMBO

College House,
Cumarathunga Munidasa Mawatha,
Colombo 03.

CAPITAL WORKS & PLANNING BRANCH
Tel.011 2500160

Management Faculty

Lecturer hall
Timber platform

Drawn By - M.G.Hasini Deepashika

Check By - J.T.H.Chathurangani (Eng)

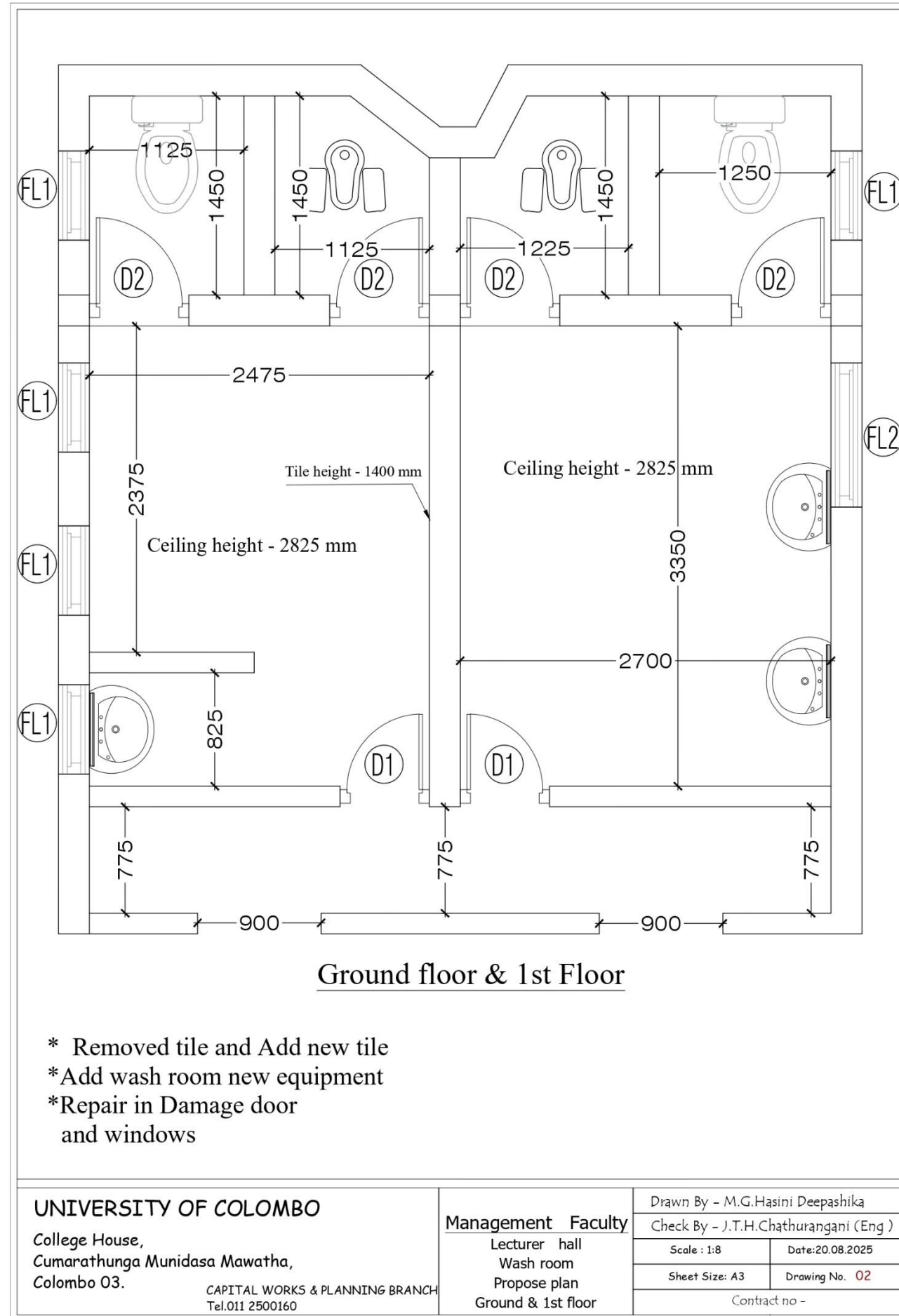
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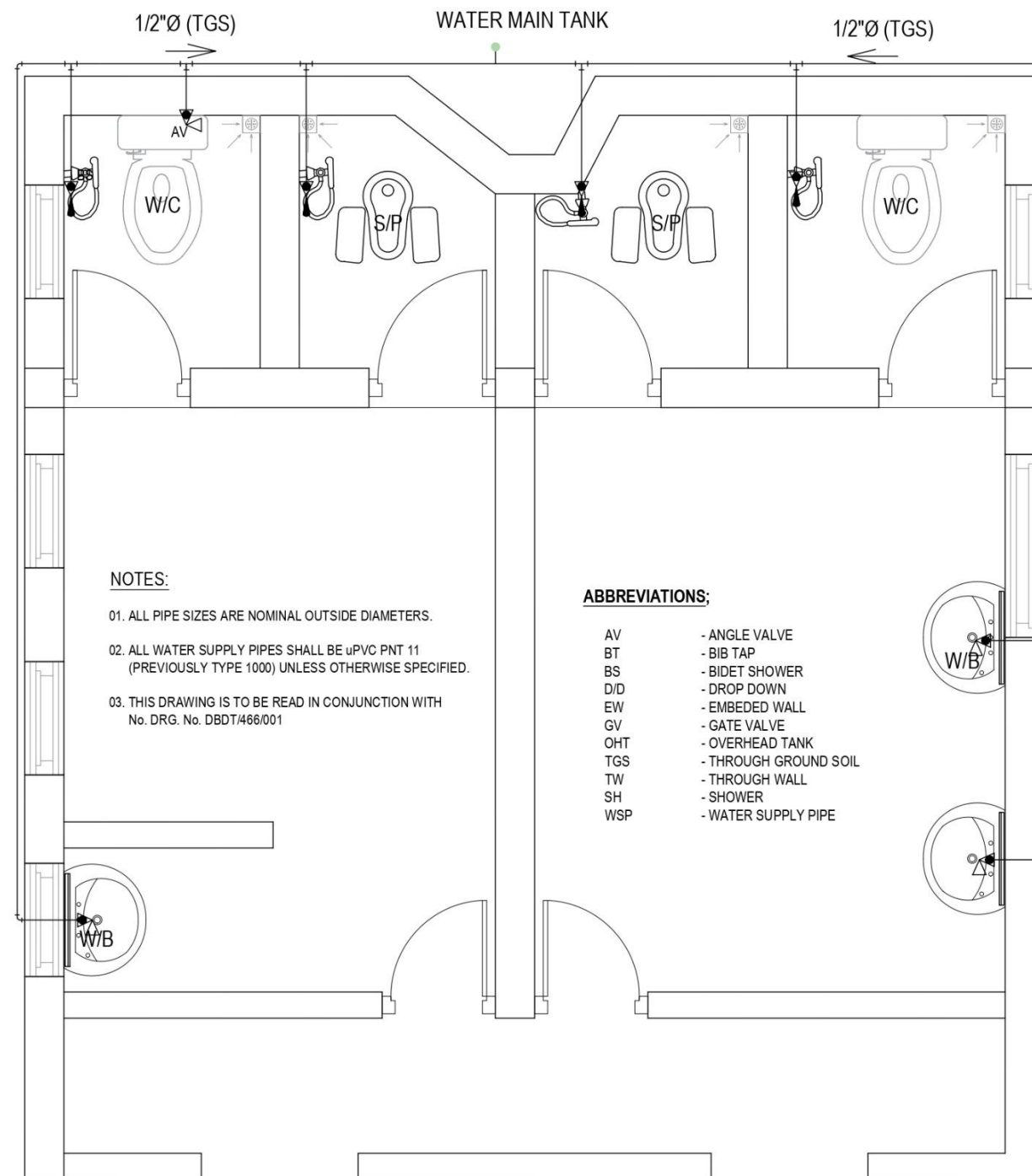
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Drawing No. 03

Approval By -





NOTES:

01. ALL PIPE SIZES ARE NOMINAL OUTSIDE DIAMETERS.
02. ALL WATER SUPPLY PIPES SHALL BE uPVC PNT 11 (PREVIOUSLY TYPE 1000) UNLESS OTHERWISE SPECIFIED.
03. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH No. DRG. No. DBDT/466/001

ABBREVIATIONS;

AV	- ANGLE VALVE
BT	- BIB TAP
BS	- BIDET SHOWER
D/D	- DROP DOWN
EW	- EMBEDDED WALL
GV	- GATE VALVE
OHT	- OVERHEAD TANK
TGS	- THROUGH GROUND SOIL
TW	- THROUGH WALL
SH	- SHOWER
WSP	- WATER SUPPLY PIPE

LEGEND

—	- SUPPLY PIPES
===	- DISTRIBUTION PIPES

Ground floor & 1st Floor

UNIVERSITY OF COLOMBO

College House,
Cumarathunga Munidasa Mawatha,
Colombo 03.

CAPITAL WORKS & PLANNING BRANCH
Tel.011 2500160

Management Faculty

Lecturer hall
Wash room
Propose plan
Ground & 1st floor

Drawn By - M.G.Hasini Deepashika

Check By - J.T.H.Chathurangani (Eng)

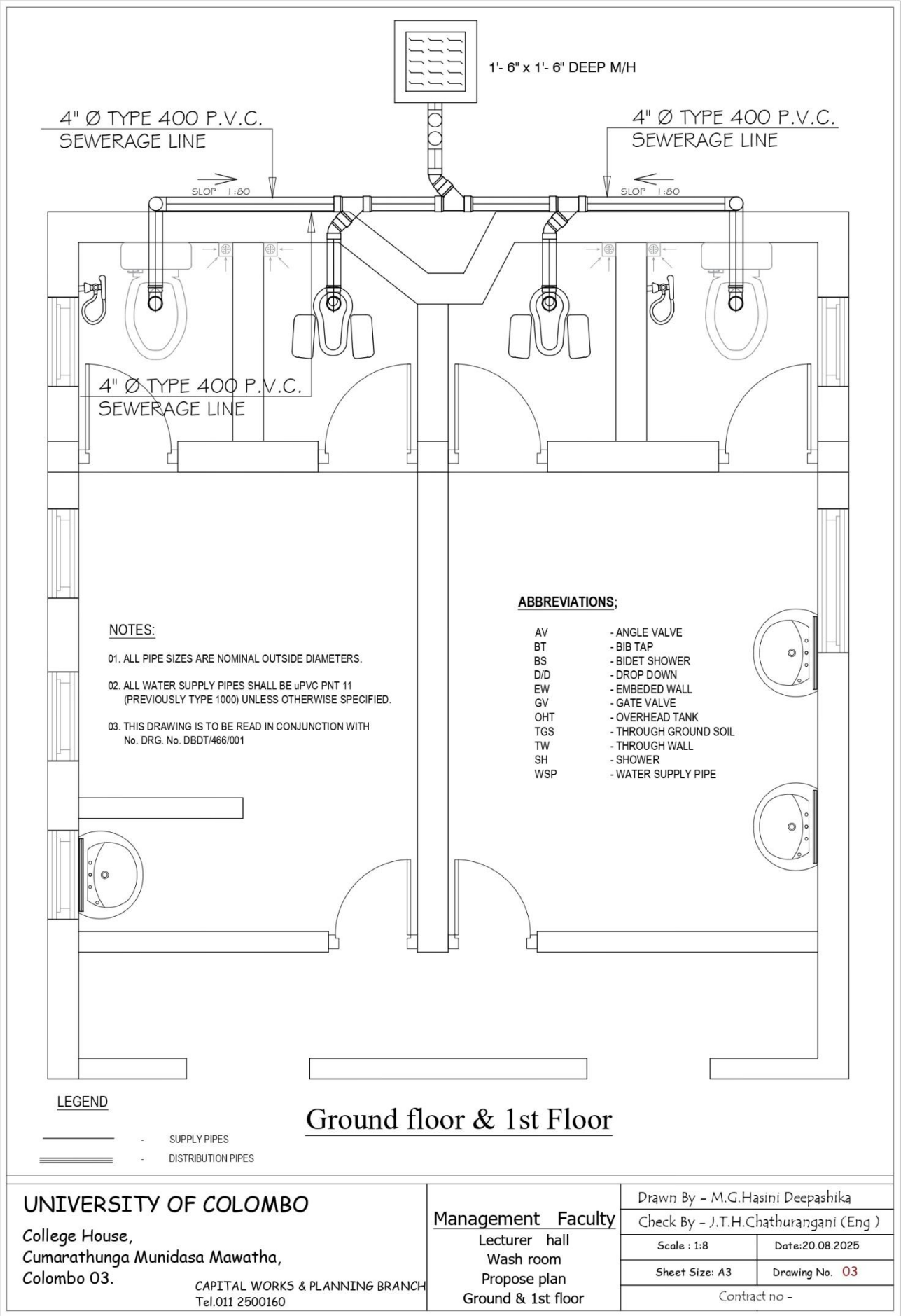
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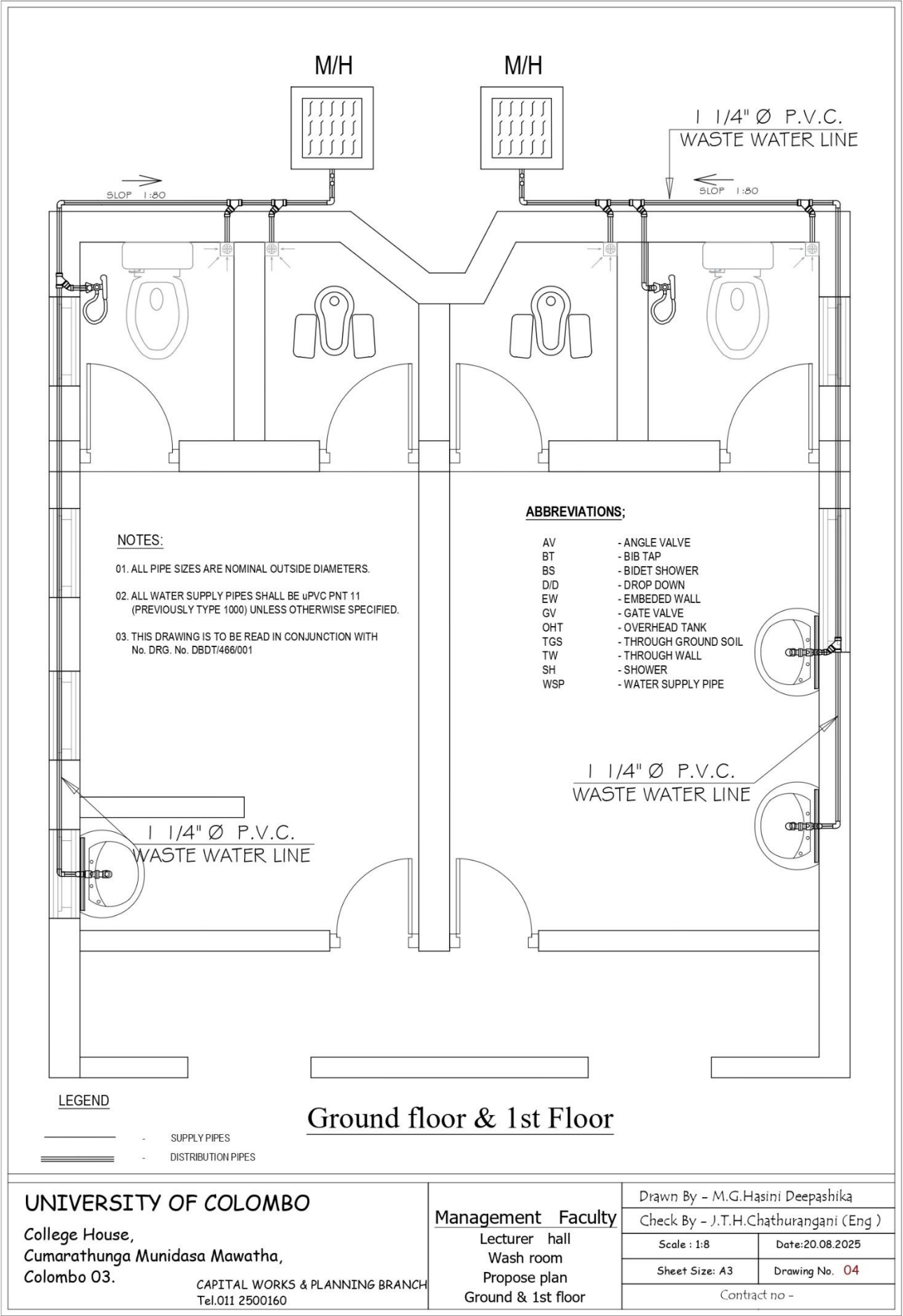
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Drawing No. 05

Contract no -





UNIVERSITY OF COLOMBO

College House,
Cumarathunga Munidasa Mawatha,
Colombo 03.

CAPITAL WORKS & PLANNING BRANCH
Tel.011 2500160

Management Faculty

Lecturer hall
Wash room
Propose plan
Ground & 1st floor

Drawn By - M.G.Hasini Deepashika

Check By - J.T.H.Chathurangani (Eng)

Scale : 1:8

Date:20.08.2025

Sheet Size: A3

Drawing No. 04

Contract no -

Checklist for bidders

ITEM	ITB Clause	YES (tick)	REFERENCE
Form of Bid			
Addressed to the Employer ?	18		
Completed?	18		
Signed by the authorized person?	18		
Bid Security (if required)			
Addressed to the Employer?	16		
Is it according to the format?	16		
Issuing Agency as specified?	16		
Amount as requested?	16		
Validity 28 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 copy?	12		
ITB Clause 19 followed before Sealing the Bid Package?	19		