

**DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA**  
**MINISTRY OF HEALTH & MASS MEDIA**  
**CONSTRUCTION OF UPPER FLOOR OF LAUNDRY BUILDING**  
**FOR GYMNASIUM**  
**GENARAL HOSPITAL (TEACHING) - PERADENIYA**  
**BIDDING DOCUMENT – VOLUME I**

**CONTRACT NO: THP/AD/39/2025**

**Volume I (For the Use as the “original” document to submit)**

**Invitation for Bids**

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**Invitation for Bids**

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**Contractor .....**

**CONSULTANT**

CENTRAL ENGINEERING CONSULTANCY BUREAU  
415, BAUDDHALOKA MAWATHA,  
COLOMBO 07.

**CLIENT**

MINISTRY OF HEALTH & MASS MEDIA  
“SUWASIRIPAYA “,  
385, REV BADDEGAMA WIMLAWANSA THERO  
MAWATHA,  
COLOMBO 10.

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# **INVITATION FOR BIDS**

**INVITATION FOR BIDS (IFB)**  
**MINISTRY OF HEALTH**  
**GENARAL HOSPITAL (TEACHING) – PERADENIYA**  
**CONSTRUCTION OF UPPER FLOOR OF LAUNDRY BUILDING FOR GYMNASIUM**  
**(CONTRACT NO: THP/AD/39/2025)**

1. The Chairman, Regional Procurement committee, Teaching Hospital Peradeniya on behalf of the Teaching Hospital, Peradeniya now invites sealed bids for **Construction of Upper Floor of Laundry Building for Gymnasium for General Hospital (Teaching), Peradeniya** as described below and estimated to cost~ 19.93 million (Basic cost)
2. Work consists of Demolisher, Concreter, Masonry Works, Wall Finishes, Floor Finishes, Painter, Aluminum Works, Plumber, Roof Works, Electrical Works & Miscellaneous Works ..... etc. (refer BOQ)

Construction period is **90** days (Calendar dates)

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

4(a) Contractors having valid registration in Grade **C7 or above** in the field of Building works under Construction Industry Development Authority (CIDA)/ Former ICTAD.

4(b) Average annual volume of Construction works performed in the last five years shall be at least Rs.20 million.

4(c) Contractor has successfully completed at least a similar project to this by value and complexity during last five years (At least 70% of project should have been completed).

4(d) Technical staff at site to be

- At least one Technical Assistant (Civil, full time on site) – NCT or equivalent with 3-year experience.
- Civil Engineer (Periodical visits) – Qualification; (Degree in BSc Engineering, Minimum with three years' experience)

4(e) The minimum amount of liquid assets or available credit facilities for utilizing at the time of bidding exclusive of any advance payments shall be not less than Rs. 10 million. as per clause 4.4 in bidding data.

4f) As the estimate cost for the procurement exceeds the Rs.5 million the bidder shall register at the registrar of Public Contract Sri Lanka at the time of submission of bids (PCA 3) and forward the certificate.

5. Interested bidders may obtain further information from **Director, General Hospital (Teaching), Peradeniya for Construction of Upper Floor of Laundry Building for Gymnasium**, Tel. No. 081 - 3990312 and inspect the bidding documents at the address given below from 2025.10.17 until 2025.10.30 from 09.00 hrs to 14.00 hrs
6. A Complete set of Bidding Documents in English language may be purchased by interested bidders on the submission of a written application to **Director, General Hospital (Teaching), Peradeniya for Construction of Upper Floor of Laundry Building for Gymnasium** from 2025.10.17 until 2025.10.30 from 09.00 hrs to 14.00 hrs or download the bidding document from below web site upon payment of a non-refundable fee of Rs. 3,500.00.  
  
*web site – [www.peradeniya-hospital.health.gov.lk](http://www.peradeniya-hospital.health.gov.lk)*
7. Sealed bids shall be delivered in duplicate marking as the **Original** and the **Copy** to the **address below**, on or before 10.30 hrs. on 2025.10.31. Late bids will be rejected. Bids will be opened soon after closing in the presence of the Bidders or Bidder's representatives who choose to attend.
8. Bid validity shall be 77 days from the date for closing of Bids.
9. All bids shall be accompanied by a "Bid security" of **Rupees two hundred ninety-eight thousand nine hundred only (Rs. 298,900.00)**. Validity of Bid security shall be up to 2026.02.12 from the date of closing of the bid (including closing date of bid).

*Securities and guarantees issued by an agency acceptable to employer using the forms for bid security (unconditional guarantee) included in section 09, Standard forms.*

- **Commercial Bank operating in Sri Lanka approved by the Central Bank of Sri Lanka.**
- **Construction Guarantee Fund.**

The address referred to above is,

Chairman,  
Regional Procurement committee,  
Teaching Hospital  
Peradeniya,  
Tel 081 - 3990312

**Section - 01**

**INSTRUCTIONS TO BIDDERS**

## **INSTRUCTIONS TO BIDDERS**

Instructions to Bidders applicable to this contract shall be those given in Section-I of the Standard Bidding Document, Procurement of Works, and ICTAD Publication No. **CIDA/SBD/01, Second Edition, January 2007** with **addenda issued up to February 2011**, published by the Institute for Construction Training and Development (ICTAD),” Savsiripaya”, 123, Wijerama Mawatha, Colombo 7.

This publication will not be issued with the Bidding Document and the Bidder is advised to purchase it from ICTAD.

Instructions to Bidders shall be read in conjunction with the Bidding Data provided under Section-5 of Bidding Document.

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

## **Section - 02**

### **STANDARD FORMS (CONTRACT)**

- *Letter of Acceptance*
- *Agreement*
- *Performance Security*
- *Advance Payment Security*



***Notes on Standard Forms:***

- *Bidders should 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 the 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 and Form of Advance Payment Security should not be completed by the bidders at the time of preparation 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 LETTER OF ACCEPTANCE**

..... [date]

To: .....

.....

[Name and address of the Contractor]

This is to notify you that your Bid dated ..... [Insert date] for **Construction of Upper Floor of Laundry Building for Gymnasium For General Hospital (Teaching), Peradeniya** for the Contract price ..... of ..... Rupees

..... (Rs...../=-)

[Amount in figures and words] as corrected in accordance with Instructions to Bidders and/or modified by a Memorandum of Understanding (if any), is hereby accepted.

The adjudicator shall be appointed by appointing authority.

You are hereby instructed to precede 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 Performance Security is: ..... (fill as per Conditions of Contract)

The Performance Security shall be submitted on or before..... (Fill the date as per Conditions of Contract)

Authorized Signature: .....

Name & title of Signatory: .....

Name of Agency: .....

## **FORM OF AGREEMENT**

This AGREEMENT made the ..... [day] of ..... [month] 20.... [Year], between **Director, General Hospital (Teaching), Peradeniya.** (Hereinafter called “**the Employer**”), of the one part and ..... [ Name and address of the contractor] (hereinafter called “**the Contractor**”), of the other part:

**WHEREAS** the Employer desires that the Contractor executes **Construction of Upper Floor of Laundry Building for Gymnasium for General Hospital (Teaching), Peradeniya (Contract No: .....)** (Hereinafter called “**the Works**”) and the Employer has accepted the Bid by the Contractor for the execution and completion of such Works and remedying of any defects therein.

### **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 the works and remedying any defects wherein, the Contract Price or such other sum as may become payable under the provision 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  
COMMON SEAL

.....  
Authorized signature of Employer  
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)**

..... *[Name  
and Address of Issuing Branch or office]*

**Beneficiary:** Director,  
General Hospital (Teaching),  
Peradeniya.

**Date:** .....

**PERFORMANCE GUARANTEE No:**.....

We have been informed that ..... *[Name of Contractor]*  
(Hereinafter called to “**the Contractor**”) has entered into Contract No. ...., dated  
..... with you, for the **Construction of Upper Floor of Laundry  
Building for Gymnasium for General Hospital (Teaching), Peradeniya (Contract No: .....)**  
(Hereinafter called to “**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 the Agency]* hereby irrevocably undertake to pay you any sum or sums not  
exceeding in total an amount of .....*[amount in  
figures]*(.....) *[ amount in words]*, upon receipt by us of your first  
demand in writing accompanied by a written statement stating that the Contractor is in breach of its  
obligation(s) under the Contract, without your needing to prove or to show grounds for your demand or the  
sum specified therein.

This guarantee shall expire, no later than the .....day of ....., 20.....*[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 Issuing Branch or office]

**Beneficiary:** Director,  
General Hospital (Teaching),  
Peradeniya.

Date: .....

ADVANCE PAYMENT GUARANTEE No. : .....

We have been informed that ..... [name of contractor] (hereinafter called "the Contractor") has entered into Contract No. .... dated ..... with you, for the execution of for the **Construction of Upper Floor of Laundry Building for Gymnasium for General Hospital (Teaching), Peradeniya (Contract No: .....)** (Hereinafter called "the Contract").

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

At the request of the contractor, we ..... [name of the agency] hereby irrevocably undertake to pay you any sum or sums not exceeding in total an amount of ..... [amount in figures] (.....) [amount in words] upon receipt by us of your first demand in writing accompanied by a written statement stating that the Contractor is in breach of its obligation in repayment of the advance payment under the Contract.

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

This guarantee shall expire on ..... [date, 28 days beyond 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)]

## **Section - 03**

# **CONDITIONS OF CONTRACT**

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

## CONDITIONS OF CONTRACT

Conditions of Contract that will be applicable for this Contract shall be that given in Section 3 of the Standard Bidding Document for Procurement of Works, ICTAD Publication No. **CIDA/SBD/01, Second Edition, January 2007 with addenda issued up to February 2011**, published by the Institute for Construction Training and Development (ICTAD) "Savsiripaya", 123, Wijerama Mawatha, Colombo 07.

The above publication will not be issued with the Bidding Document and Bidder is advised to purchase it from ICTAD.

This Conditions of Contract shall be read in conjunction with Contract Data in Section 05 in Bidding Document which shall take precedence over the Conditions of Contract.

## **Section - 4**

# **FORM OF BID AND QUALIFICATION INFORMATION**



## FORM OF BID

Name of Contract: **Construction of Upper Floor of Laundry Building for Gymnasium**

To: Director,  
General Hospital (Teaching),  
Peradeniya.

Gentleman,

1. Having examined the Standard Bidding Document - Procurement of Works (ICTAD/SBD/01-Second edition, January 2007 and Addendum 01 issued in October 2009 & Addendum 02 issued in February 2011) , Schedule for Conditions of Contract, Specifications, Drawings and Bill of Quantities and Addenda for the execution of the above-named Works, we the undersigned, offer to execute and complete such Works and remedy any defect therein in conformity with the aforesaid Conditions of Contract, Specifications, Drawings, Bill of Quantities and Addenda for the sum of Sri Lankan Rupees ..... (LKR Rs. ....) 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 77 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 understand that you are not bound to accept the lowest of any Bid you may receive.

Dated this..... Day of ..... 202... in the capacity of..... Duly  
authorized to sign bids for and on behalf of .....

.....

(IN BLOCK CAPITAL)

Signature : .....  
Address : .....  
.....  
.....  
Witness : .....  
.....

## QUALIFICATION INFORMATION

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

|                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>ICTAD Registration</b>                                                                                                                                                                                               | <i>(Attach copies of relevant pages from the registration book)</i>                                                                                                                                                                                                                                                          |
| Registration number                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                              |
| Grade <b>(C7 or above)</b>                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                              |
| Specialty – <b>(Building)</b>                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                              |
| Expiry Date                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                              |
| <b>Blacklisted Contractors</b>                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                              |
| Have you been declared as a defaulted contractor by NPA or any other agency? (Yes/No)                                                                                                                                   |                                                                                                                                                                                                                                                                                                                              |
| If yes provide details                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                              |
| <b>VAT Registration Number</b>                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                              |
| <b>Construction Program</b>                                                                                                                                                                                             | <i>(Attach as annex)</i>                                                                                                                                                                                                                                                                                                     |
| <b>Legal status</b>                                                                                                                                                                                                     | <i>(Attach relevant status copies of sole proprietier, partnership/ company, as annex)</i>                                                                                                                                                                                                                                   |
| Average annual volume of construction work performed in the last five years shall be at least 20 million<br>Year 2020<br>Year 2021<br>Year 2022<br>Year 2023<br>Year 2024                                               | <i>(Attach certified copies of certificate of completion, etc and other documents such as profit loss and income expenditure Statement)</i>                                                                                                                                                                                  |
| <b>Value of similar works completed in last 5 years (Indicate only three largest projects)</b>                                                                                                                          | 1. Value Rs..... Year .....<br>2. Value Rs..... Year .....<br>3. Value Rs..... Year .....<br><i>(Attach certified copies of Letter of award &amp; certificate of completion)</i>                                                                                                                                             |
| <b>Qualification and experience of key staff - Site &amp; Head Office (Permanent, Contract Basis &amp; Consultants)</b>                                                                                                 | <i>(Attach certified copies of certificates)</i><br>Managerial / Technical:<br><br>1. Technical Assistant- Civil (Full time at site)- NVQ 5 or equivalent with minimum five years experience<br><br>2. Civil Engineer (Periodical visits) – Qualification; (Degree in BSc Engineering, Minimum with three years' experience) |
| <b>As the estimate cost for the procurement exceeds the Rs.5 Million the bidder shall register at the registrar of Public Contract Sri Lanka at the time of submission of bids (PCA 3) and forward the certificate.</b> |                                                                                                                                                                                                                                                                                                                              |

## **Section - 5**

# **BIDDING DATA AND CONTRACT DATA**

## G. BIDDING DATA

### Instructions to Bidders

**Clause Reference**  
**(1.1)**

The Employer is

Name: Secretary

Address: Ministry Of Health & Mass Media  
Suwasiripaya “

385, Rev Baddegama Wimlawansa Thero Mawatha, Colombo 10.

Work consists Demolisher, Concreter, Masonry Works, Wall Finishes, Floor Finishes, Painter, Aluminum Works, Plumber, Roof Works, Electrical Works & Miscellaneous Works...etc.

For more information, please refer the Bill of Quantities.

**(1.2)**

Intended Completion Date is **90 Days** from the Start Date.

**(1.3)**

The office for collection of bid form is

**Director**

**General Hospital (Teaching),  
Peradeniya**

The non-refundable Bid fee is **Rupees 3,500.00**

The Bid forms will be issued from 2025.10.17 until 2025.10.30 from 09.00 hrs to 14.00 hrs.

**(2.1)**

The source of funds is GOSL

**(4.2)**

The registration required for main contractor:

Specialty - Building works

Grade - C7 or above

**(4.3)**

- The Following information shall be provided in Section 4 for the bidder
- CIDA Registration
  - Registration number:
  - Grade
  - Specialty
  - Expiry Date
- VAT Registration number
- Construction program
- Legal status (Sole proprietor, partnership, company etc.)
- Total monetary value of construction work performed for each of the last five years;
- Experience in works of a similar nature and size for each of last five years;
- Major items of construction equipment proposed to carry out the contract; (if specified equipment be needed)
- Qualifications and experience of key site management and technical personnel proposed for the contract
- As the estimate cost for the procurement exceeds the **Rs.5 Million** the bidder shall register at the registrar of Public Contract Sri Lanka at the time of submission of bids (PCA 3) and forward the certificate

**(4.4)**

Post qualification criteria:

The following minimum qualification criteria shall be met by the bidder to qualify for the award of contract.

- Average annual volume of construction work performed in the last five years shall be at least **Rs. 20 million**.
- Contractor has successfully completed at least a similar project to this by value and complexity during last five years (At least 70% of project should have been completed)
- The minimum amount of liquid assets or available credit facilities for utilizing at the time of bidding exclusive of any advance payments shall be not less than Rs. 10 million. as per clause 4.4 in bidding data
- Minimum persons with qualifications and experience.

### **Managerial / Technical**

Minimum persons with qualifications and experience to be defined,

- Technical Assistant – Civil (Full time at site) – NVQ 5 or equivalent with minimum five years' Experience.
- Civil Engineer (Periodical visits) – Qualification; (Degree in BSc Engineering, Minimum with three years' experience).

- (8.1) Content of Bidding Document  
Content of the bidding document changed as follows to fulfill bidder's requirement in submission of Bid.  
The Bidding document comprise the documents listed below

#### Invitation for Bids

Section 1 – Instruction to Bidders

Section 2 - Standard Forms (Contract)

Section 3 - Condition of Contract

Section 4 - Form of Bid and Qualification Information

Section 5 - Bidding Data and Contract Data

Section 6 - Specifications

Section 7 - Bills of Quantities and Technical Schedules

Section 8 - Drawings

Section 9 - Standard Forms (Bid)

- (9.1) Employer's address for the purpose of clarification is;

Name : **Director**

Address : **General Hospital (Teaching),  
Peradeniya.**

Tel : Tel 081 - 3990312

(11.1) The language of the bidding document shall be English.

(12.1) The Bid submitted by the bidder shall comprise the following:

(A) enclosed in the envelope marked as “ORIGINAL”;

( In the cover page highlighted as Volume I)

Invitation for Bids

Section 1 – Instruction to Bidders

Section 2 - Standard Forms (Contract)

Section 3 - Condition of Contract

Section 4 - Form of Bid and Qualification Information

Section 5 - Bidding Data and Contract Data

Section 6 - Specifications

Section 7 - Bills of Quantities and Technical Schedules

Section 8 - Drawings

Section 9 - Standard Forms (Bid)

Bid security or Bid-Securing Declaration as specified

(B) enclosed in the envelop marked as “COPY”

(a) Form of Bid & qualification information

(b) Bill of Quantities

(13.3) **Only VAT will be paid.**

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 **not subjected** to price adjustment in accordance with Clause 47 of the Conditions of Contract.

(15.1) The Bid shall be valid up to 77 Days from closing date of Bid.

(16.1) Bid shall include a Bid Security using the form included in Section 9.

(16.2) Bid Security shall be;

- For an amount **Rs. 298,900.00.**
- Valid until 2026.02.12 from closing date of Bid (Including closing date of bid).

Securities and guarantees issued by an agency acceptable to employer using the forms for bid security (unconditional guarantee) included in section 09, Standard forms.

- **Commercial Bank operating in Sri Lanka approved by the Central Bank of Sri Lanka.**
- **Constructions Guarantee Fund**

- (19.2) a The Employer's address for the purpose of Bid submission is:
- Chairman,  
Regional Procurement committee,  
Teaching Hospital  
Peradeniya,  
.
- (19.2) b Contract name: **Construction of Upper Floor of Laundry Building for Gymnasium for General Hospital (Teaching), Peradeniya**
- Contract No. : THP/AD/39/2025
- (20.1) The deadline for submission of Bids shall be **10.30 hrs on 2025.10.31**
- (34.0) The amount of **Performance security is 5% of the Initial Contract Price.**
- The form acceptable is sample format which is in Section 2, Standard Forms.
- Securities and Guarantees issued by an agency acceptable to employer using the forms for Performance Bond (Unconditional Guarantee- Validity should be 28 days beyond defect liability period) included in Section 2, standard forms. The agencies acceptable to the Employer are*
- **Commercial Bank operating in Sri Lanka approved by the Central Bank of Sri Lanka.**
  - **Constructions Guarantee Fund**
- (35.1) The advance payment security is 20% of the initial Contract price excluding provisional sum.
- Securities and guarantees issued by an agency acceptable to employer using the forms for Advance Payment Bond (Unconditional Guarantee -*Validity should be 28 days beyond Intended Completion date*) included in– Section 2, Standard Forms. The agencies acceptable to the Employer are
- **Commercial Bank operating in Sri Lanka approved by the Central Bank of Sri Lanka.**
  - **Constructions Guarantee Fund**
- (36.0) At the time of awarding stage of contract, an **Adjudicator** will be jointly appointed by the client and selected bidder.
- Appointing Authority is Construction Industry Development Authority (CIDA), "Savsiripaya", 123, Wijerama Mawatha, 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 shared by the Contractor and the employer.*

## CONTRACT DATA

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

(1.1) The Employer is

Name : Secretary  
Address : Ministry Of Health & Mass Media  
Suwasiripaya “  
385, Rev Baddegama Wimlawansa Thero Mawatha Colombo 10.

Name of Authorized Representative:  
Director,  
General Hospital (Teaching),  
Peradeniya

(1.1) The Engineer is

Name : The General Manager  
Address : Central Engineering Consultancy Bureau  
: No.415, Bauddhaloka Mawatha,  
: Colombo 07.

Name of Engineer's Representative: Project Manager (Hospital Consultancy Works)  
CECB Office- Digana

Tel: 0812-376320/Fax: 0812-374228

(1.1) Work consists of Demolisher, Concreter, Masonry Works, Wall Finishes, Floor Finishes, Painter, Aluminum Works, Plumber, Roof Works, Electrical Works & Miscellaneous Works ...etc.

For more information, please refer the Bill of Quantities.

(1.1) Site is located at General Hospital, Peradeniya

(1.1) The Start Date shall be **fourteen (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,

### **Managerial / Technical**

- Technical Assistant- Civil (Full time at site) – NVQ 5 or equivalent with minimum five years' Experience.
- Civil Engineer (Periodical visits) – Qualification; (Degree in BSc Engineering, Minimum with three years' experience.



- The minimum insurance cover shall be:
- (13.1) The minimum cover for insurance of the Works and of Plant and Material is **110% of the Initial Contract price.**
- (a)
    - The maximum deductible for insurance of Works and of Plant and Material is 5% of initial Contract price.
- Contractor's Equipment**
- (b)
    - The minimum cover for loss or damage to Equipment is “**Cost of equipment**”
    - The maximum deductible for insurance of Equipment is **5% of the minimum cover for equipment's**
- The minimum cover for insurance of other property (other than the site):
- (c)
    - Five Hundred Thousand
- The minimum cover for personal injury or death: Third Party & Employer**
- (d)
    - For third party and employees of the Employer and other persons engaged by the Employer in the Works is **Rupees Five Hundred Thousand** per event. Number of events unlimited.
- (13.2) (a) The minimum cover for personnel injury or death- **Contractor's workers and Staff,**
- For the Contractor's workmen is Rs. **500,000.00** per event. Number of events unlimited. This Insurance cover shall be governed as per the workmen compensation Act of Sri Lanka
  - Contractor's employee's other than workmen is Rs. **500,000.00** per event. Number of events unlimited.
- (17.1) The Intended Completion Date for the whole of Works shall be **90 Days from the Start Date.**
- (21.1) The Site Possession Date shall be **Fourteen (14) Days** from Letter of Acceptance.
- (27.1) The Contractor shall submit a realistic Construction Programme for the works within **Seven Days** of delivery of the Letter of Acceptance.
- (27.3) The period between Programme update is **30 Days.** But Contractor shall submit a revised programme whenever the previous programme is inconsistent with actual progress.
- (27.4) The amount to be withheld for late submission of an updated Programme is **2% of Initial Contract Price.**
- (35.1) The Defects Liability Period is **365 Days.**

(39.2) Engineer may order variations up to a total cumulative bill value including variation not exceeding 110% of initial contract sum

(40.2) In fixing the appropriate new rates, mark up for overheads & profits shall be limited to maximum of 16% of the “Basic Cost” of such items. The Basic cost means cost of materials, labour and equipments.

In fixing such “Basic cost” the Engineer shall use the rates for labour as given below and prices for materials and equipments shall be used the prevailing market prices.”

| Category             | Rate (Rs) |
|----------------------|-----------|
| Special Skill Labour | 4,000.00  |
| Skill Labour         | 3,500.00  |
| Semi-Skilled Labour  | 2,600.00  |
| Un Skilled Labour    | 2,500.00  |

(47.1)

The contract is not subject to the price adjustment.

(48.1)

The retention from each payment shall be **Ten percent** of the certified work done.

The limit of retention shall be **Five percent** of the Initial Contract Price.

(48.3)

Not applicable.

(49.1)

The liquidated damages for the whole of the Works shall be **0.05% of the Initial Contract Price per Day**.

The maximum amount of liquidated damages for the whole of the Works shall be **Ten percent** of the Initial Contract Price.

(52.1)

The **Performance Security shall be Five percent** of the Initial Contract Price.

(58.1)

Schedule of Operating and Maintenance Manuals. – As built drawings and operation manuals shall be submitted within 14 days after completion of each activity

(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 **Twenty Five percent** of Balance work according to the Initial Contract Price.

(63.7)

The attendance fee payable to the contractor on nominated/specialized sub contract work shall not exceed 8%

**Section - 6**  
**SPECIFICATIONS**

## GENERAL SPECIFICATIONS

The works under this contract shall be executed in accordance with the specifications given in the following documents issued by the Institute for Construction Training and Development (ICTAD), “Savsiripaya”, Wijerama Mawatha, Colombo-07, as applicable. The specifications given in this document, if any, shall take precedence over the ICTAD documents wherever relevant.

1. Specification for Building Work - Sri Lanka (Vol. I) 3<sup>rd</sup> Edition (Revised July 2004). ICTAD Publication No. SCA/4 (Vol. 1)
2. Specification for Building Work - Sri Lanka (Vol. 2) Sanitary Installation. 2<sup>nd</sup> Edition (Revised October 2001). ICTAD Publication No. SCA/4 (Vol. II).
3. Specification for Irrigation and Land Drainage Works - Sri Lanka 2<sup>nd</sup> Edition (Revised Nov 1999). ICTAD Publication No. SCA/3/1
4. Specification for Water Supply & Sewerage and Storm Water Drainage Works - Sri Lanka 2<sup>nd</sup> Edition (Revised April 2002). ICTAD Publication No. SCA/3/2.
5. Specification for Reclamation Works - Sri Lanka 2<sup>nd</sup> Edition (Revised December 1999). ICTAD Publication No. SCA/3/3.
6. Specification for Ground Water Exploration and Exploitation Works - Sri Lanka 2<sup>nd</sup> Edition (Revised May 1999). ICTAD Publication No. SCA/3/4
7. Specification for Electrical and Mechanical Works associated with Building & Civil Engineering - Sri Lanka. ICTAD Publication No. SCA/8 2<sup>nd</sup> Edition (Revised August 2000).
8. Specification for Site Investigation for Building Works and Sample Bill of Quantities – 1<sup>st</sup> Edition (April 1997). ICTAD Publication No. ICTAD/DEV/17

And any other standard specifications approved by the Government.

Eligible bidders are expected to be fully acquainted with the above documents and hence these will not be issued to the bidders with this document.

Bidders may purchase same, if necessary, from ICTAD, “Savsiripaya”, WijeramaMawatha, Colombo 07.

**Section - 7**

**BILL OF QUANTITIES**

**CONSTRUCTION OF UPPER FLOOR OF LAUNDRY BUILDING FOR GYMNASIUM  
GENERAL HOSPITAL (TEACHING) - PERADENIYA**

**MAIN SUMMARY**

| ITEM | DESCRIPTION                  | AMOUNT |              |
|------|------------------------------|--------|--------------|
|      |                              | Rs.    | Cts.         |
| A    | PRELIMINARIES                |        |              |
| B    | DEMOLISHER                   |        |              |
| C    | CONCRETER                    |        |              |
| D    | MASONRY WORKS                |        |              |
| E    | WALL FINISHES                |        |              |
| F    | FLOOR FINISHES               |        |              |
| G    | PAINTER                      |        |              |
| H    | ALUMINIUM WORK               |        |              |
| I    | PLUMBER                      |        |              |
| J    | ROOF WORK                    |        |              |
| K    | ELECTRICAL WORKS             |        |              |
| L    | MISCELLANEOUS WORKS          |        |              |
| (a)  | <b>Sub Total I</b>           |        |              |
| (b)  | Ddt: Provisional Sum         |        | 1,754,500.00 |
| (c)  | <b>Sub Total II</b>          |        |              |
| (d)  | Ddt : .....% Discount        |        |              |
| (e)  | <b>Sub Total III</b>         |        |              |
| (f)  | Add: Provisional Sum         |        | 1,754,500.00 |
| (g)  | <b>Total amount for Bid</b>  |        |              |
| (h)  | Add : 18% VAT                |        |              |
| (j)  | <b>Total Amount with VAT</b> |        |              |

Total Sum carried to Form of bid in words Rupees (without VAT) .....

.....

Signature of the Contractor :-

Witness :-

Address :-

Address :-

Date :-

Date :-

**CONSTRUCTION OF UPPER FLOOR OF LAUNDRY BUILDING FOR GYMNASIUM**  
**GENERAL HOSPITAL (TEACHING) - PERADENIYA**

**PRELIMINARIES**

**Note:**

- 1 **The Engineer/ Consultant may modify or amended any item , or delete inappropriate item/s or add new item/s , depending on the nature of the proposed work.**
- 2 **Mode of payment are as below.**

| <b>Mode of Payment</b>                                                                                                                                                       | <b>Category</b> |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| Reimburement of actual cost on submission of the relevant document acceptable to the Engineer plus 5% of the actual cost of obtaining the insurance policies and securities. | A               |
| 60% on completion of temporary buildings or structures. 30% in equal installments over the contract period and balance 10% on dismantling and removal on completion.         | C               |
| Paid on satisfactory completion of the item                                                                                                                                  | D               |
| In equal installments over the contract period.                                                                                                                              | E               |
| Mode of payment to be mutually agreed between contractor and the employer at the commencement of contract in relation to the program of work.                                | F               |
| On the completion of work                                                                                                                                                    | G               |

- 3 **The above recommended percentage may be adjusted by the Employer/Consultant to suit the particular project.**
- 4 **The tenderer is advised to visit the site of the proposed work, as it is his responsibility to ascertain the conditions, space governing access to the site, external working space, storage area, status of the adjoining properties etc.**
- 5 **Any preliminary item not listed below but deemed to be included in the tender rates, as no extras would be made.**

| <b>Item</b> | <b>Description</b>                                                                                                                                              | <b>Mode of payment Category</b> | <b>Unit</b> | <b>Amount<br/>Rs. Cts.</b> |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------|----------------------------|
| <b>A</b>    | <b><u>PRELIMINARIES</u></b>                                                                                                                                     |                                 |             |                            |
|             | <b>Insurance &amp; Securities</b>                                                                                                                               |                                 |             |                            |
| A1          | Provisional Sum for providing a Performance Security                                                                                                            | A                               | P.S         | 31,000.00                  |
| A2          | Provisional Sum for providing an Advance Payment Security                                                                                                       | A                               | P.S         | 62,000.00                  |
| A3          | Provisional Sum for insurance of Works, Machinery & Equipment, Plant, Materials, third party persons & property at site as per the Contract. ( All Risk Policy) | A                               | P.S         | 41,000.00                  |

| Item | Description                                                                                                                                                                                                                                                                                                                                                                               | Mode of payment Category | Unit | Amount Rs. Cts. |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|------|-----------------|
| A4   | Provisional Sum for insurance against accidents and injury to Contractor's personel as per the Contract. (Workmen Compensation)                                                                                                                                                                                                                                                           | A                        | P.S  | 20,500.00       |
| A5   | <b>Contractor's Facilities</b><br>Allow lump sum for constructing, maintaining, dismantling and removal on completion of the Works, a <u>temporary site office</u> , stores 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. | C                        | Item |                 |
| A6   | <b>Quality, Standars and Progress</b><br>Allow lump sum for provision of 3 sets of (Hard copies and soft copies) as built drawings of all services, for Engineer's approval.                                                                                                                                                                                                              | D                        | Item |                 |
| A7   | <b>Health, Safety &amp; Environment</b><br>Allow lump sum for providing necessary safety measures to workmen and to Engineering staff at site confirming to the latest industrial (Safety helmets, Safety Jackets, Gum boots, Eye Goggles)                                                                                                                                                | E                        | Item |                 |
| A8   | Allow lump sum for maintaining the site in a clean and orderly manner at all times and during the entire contract period, demobilization, removal of all rubbish, debris and clearing up site on completion, leaving all in good order and handing over.                                                                                                                                  | G                        | Item |                 |
| A9   | <b>Services &amp; Facilities</b><br>Allow lump sum for supply of water for the works and paying all charges and other expenses in connection with the supply from water mains or any other alternative method of water supply, storage and reticulation.                                                                                                                                  | E                        | Item |                 |
|      | <b>Sub Total carried to Summary</b>                                                                                                                                                                                                                                                                                                                                                       |                          |      |                 |



**CONSTRUCTION OF UPPER FLOOR OF LAUNDRY BUILDING FOR GYMNASIUM**  
**GENERAL HOSPITAL (TEACHING) - PERADENIYA**

| ITEM            | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                              | UNIT           | QTY | RATE<br>(Rs) | AMOUNT<br>(Rs) |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----|--------------|----------------|
|                 | <p><i>Note:-</i><br/> <i>(a) Rates are included for cleaning away debris within the Hospital Premises unless stated otherwise. Reusable/serviceable material shall be handed over to the client in formal way and any place of fixing and removing scaffolding.</i><br/> <i>(b) All preliminary cost work should be included within BOQ items.</i></p> <p><b><u>B DEMOLISHER</u></b></p> |                |     |              |                |
| B1              | Removing & clearing debris away Corrugated sheets, iron, asbestos or aluminium alloy from roofs, including framework inclusive of wiring and fixtures, gutters, valance boards etc.. in single-storied buildings.                                                                                                                                                                        | m <sup>2</sup> | 275 |              |                |
| B2              | Demolishing reinforced concrete columns, beams or slabs up to the first floor and debris cleared away.                                                                                                                                                                                                                                                                                   | m <sup>3</sup> | 5   |              |                |
| B3              | Clearing away debris from hospital premises using tractor/trailer or tipper.                                                                                                                                                                                                                                                                                                             | load           | 20  |              |                |
|                 | <b>Sub Total carried to Summary</b>                                                                                                                                                                                                                                                                                                                                                      |                |     |              |                |
| <b><u>C</u></b> | <b><u>CONCRETER</u></b>                                                                                                                                                                                                                                                                                                                                                                  |                |     |              |                |
|                 | Unless otherwise stated all concrete shall be of grade as per Specifications/Drawings.                                                                                                                                                                                                                                                                                                   | Note           |     |              |                |
|                 | Rates for concrete shall include for forming construction joints, expansion joints or contraction joints as necessary.                                                                                                                                                                                                                                                                   | Note           |     |              |                |
|                 | Concrete will be measured as the net area/volume, as shown on the drawings.                                                                                                                                                                                                                                                                                                              | Note           |     |              |                |
|                 | Rate for concrete shall include for :<br>supply, handling at site, mixing, depositing, compacting, vibrating, curing and making good after removal of formwork.                                                                                                                                                                                                                          | Note           |     |              |                |
|                 | preparation of surfaces, roughening/chipping to the approval of the Engineer.                                                                                                                                                                                                                                                                                                            | Note           |     |              |                |
|                 | Reinforcement and Formwork paid separately unless specified in the Item.                                                                                                                                                                                                                                                                                                                 | Note           |     |              |                |
|                 | Rate shall include for necessary tests including cube tests as per the BS 1881 and SCA/4/1.                                                                                                                                                                                                                                                                                              | Note           |     |              |                |

| ITEM | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | UNIT                                                                                | QTY | RATE<br>(Rs) | AMOUNT<br>(Rs) |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----|--------------|----------------|
|      | <p><b><u>Formwork</u></b></p> <p><i>Rate for formwork shall include for all necessary boarding, supports, erecting, framing, cutting angles, cleaning, apply approved foam oil, wetting before placing concrete, removal etc.</i></p> <p><i>Formwork is measured as the net contact surface measurement between formwork and concrete.</i></p> <p><i>Film coated Plywood or other equivalent quality approved type of shuttering should be used. Mould oil should be applied to formwork surfaces before using.</i></p> <p><i>Rate for form work shall include for all necessary measures to provide fair face finish.</i></p> <p><b><u>Reinforcement</u></b></p> <p><i>All reinforcement shall be as per relevant British Standards having minimum characteristic strength of 460 N/mm<sup>2</sup> for High Yield steel and 250 N/mm<sup>2</sup> for mild steel.</i></p> <p><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></p> <p><i>All cement type to be Ordinary Portland Cement (OPC)</i></p> <p><i>Rate for reinforcement shall include for supplying, cleaning, cutting, bending, fabricating, binding, placing in position, binding wires, ties, supporting bars, spaces, chairs, wastage etc.</i></p> | <p>Note</p> <p>Note</p> <p>Note</p> <p>Note</p> <p>Note</p> <p>Note</p> <p>Note</p> |     |              |                |
| C1   | Mixing and placing concrete grade 25 in position, nominal mix 1 : 1 1/2 : 3 (20mm) using a concrete mixer including fuel/operator/handling/vibrator & curing.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | m <sup>3</sup>                                                                      | 10  |              |                |
| C2   | Mixing and placing concrete grade 20 in position, nominal mix 1:2:4 ( 20mm) manually including compacting and curing.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | m <sup>3</sup>                                                                      | 1   |              |                |
| C3   | Lintols size 6" x 6", in Grade 25 concrete, reinforced 2T10 Bottom + 2T8 Top tor steel bars and 6mm mild steel stirrups @ 6" c/c including necessary formwork.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | m                                                                                   | 70  |              |                |
| C4   | <p><b><u>FORMWORK</u></b></p> <p>Sawn timber formwork in class III timber for concrete work with side support or props, at ground level plinth beams, lintels etc. including fixing and dismantling</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | m <sup>2</sup>                                                                      | 100 |              |                |

[illegible]

| ITEM                                | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | UNIT                                                                    | QTY | RATE<br>(Rs) | AMOUNT<br>(Rs) |
|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|-----|--------------|----------------|
| <b>F</b>                            | <p><b><u>FLOOR FINISHES</u></b></p> <p><i>Rate shall include to,</i></p> <p><i>(a) All extra work involved to patterned work.</i></p> <p><i>(b) Fair edges, internal angles for Treads and risers</i></p> <p><i>(c) Ends angles, ramped and wreathed covers for strings and aprons.</i></p> <p><i>(d) Fair edges, rounded edges, covered junctions, angles, and the like for skirting curbs and edges or floors</i></p> <p><i>(e) Plastic corner beadings</i></p> <p><i>(f) Supplying and Fixing of materials</i></p> <p><b><u>Floor Tiling</u></b></p> <p><i>At the beginning Contractor shall lay floor and wall tiles section by sections for Engineers inspection and checking neatness, quality and for approval to continue tiling. Rate shall include for such costs.</i></p> <p><i>cut pieces of tiles smaller than half of a tile shall not be used.</i></p> <p><i>Floor tiles shall be homogeneous, locally manufactured, Porcelain type and approved colour by the Engineer.</i></p> <p><i>Water absorption of floor tiles should be less than 0.5% and Modulus of rupture to be over 27N/mm<sup>2</sup>.</i></p> |                                                                         |     |              |                |
| F1                                  | Supplying and fixing locally manufactured 600mm x 600mm locally manufactured Homogeneous Vitreous Porcelain semi glazed/matt floor tiles to floors including 20mm thick 1:3 cement sand bedding and finished with tile grout to match the tile.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | m <sup>2</sup>                                                          | 180 |              |                |
| F2                                  | 100mm high tile skirting approved pattern and colour floor tiles (homogeneous / porcelain) on 1:3 tile mortar, joints filled with tile grout to match the colour of tiles and cleaning.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | m                                                                       | 110 |              |                |
| <b>Sub Total carried to Summary</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                         |     |              |                |
| <b>G</b>                            | <p><b><u>PAINTER</u></b></p> <p><i>Rates shall include for,</i></p> <p><i>The prices shall include for preparation of surface, cleaning down, use of wall fillers and primary paint coats to obtain neat surface., sand papering etc.</i></p> <p><i>Protection of floors and fittings, removing door and window furniture, and cleaning window etc. upon completion.</i></p> <p><i>Reveal, Column Projections, undersides of lintels and wall ends less than 300mm shall not be measured and shall be incorporated in other measurements. Isolated columns shall be measured for payments.</i></p> <p><i>All weathershield/ floor paints, primer shall be of approved make with non lead pigment.</i></p> <p><i>Rate to include for the cost for the scaffoldings.</i></p>                                                                                                                                                                                                                                                                                                                                                   | <p>Note</p> <p>Note</p> <p>Note</p> <p>Note</p> <p>Note</p> <p>Note</p> |     |              |                |

| ITEM     | DESCRIPTION                                                                                                                                                                                                                                                    | UNIT           | QTY | RATE<br>(Rs) | AMOUNT<br>(Rs) |
|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----|--------------|----------------|
| G1       | Prepare and applying two coats of filler using brush or roller to walls.                                                                                                                                                                                       | m <sup>2</sup> | 580 |              |                |
| G2       | Paint emulsion, applying two coats to walls after cleaning and preparing surface .                                                                                                                                                                             | m <sup>2</sup> | 400 |              |                |
| G3       | Paint exterior emulsion, applying two coats to walls after cleaning and preparing on surfaces .                                                                                                                                                                | m <sup>2</sup> | 180 |              |                |
|          | <b>Sub Total carried to Summary</b>                                                                                                                                                                                                                            |                |     |              |                |
| <b>H</b> | <b><u>ALUMINIUM WORK</u></b>                                                                                                                                                                                                                                   |                |     |              |                |
|          | <i>Aluminium extrusion should be manufactured under the certification of ISO 9001:2008</i>                                                                                                                                                                     | <i>Note</i>    |     |              |                |
|          | <i>The work shall include supply, fabricate and installation of doors, windows out of Aluminium Sections.</i>                                                                                                                                                  | <i>Note</i>    |     |              |                |
|          | <i>Tolerance for thickness of the section is <math>\pm 10\%</math> from the specific thickness given in the manufactures made.</i>                                                                                                                             | <i>Note</i>    |     |              |                |
|          | <i>Concealed screws, nuts, bolts, rivets and other fastening devices shall be of Aluminium, non magnetic stainless steel or other approved corrosive resistant materials. If visible, they shall blend with the finish of the framing Aluminium Sections.</i>  | <i>Note</i>    |     |              |                |
|          | <i>For each fabrications, a shop drawing shall be furnished to the Engineer, One month prior to the installation commencement and should get the approval for the same.</i>                                                                                    | <i>Note</i>    |     |              |                |
|          | <i>Samples of hinges , Aluminium sections, Al composite boards etc shall be forwarded by the contractor for prior approval of the Engineer.</i>                                                                                                                | <i>Note</i>    |     |              |                |
|          | <i>The fabrication and installation of all aluminium work must be carried out by specialist tradesman.</i>                                                                                                                                                     | <i>Note</i>    |     |              |                |
|          | <i>It shall be bidder's responsibility to check the sizes of all openings on site, prior to fabrication.</i>                                                                                                                                                   | <i>Note</i>    |     |              |                |
|          | <i>Supply, assemble and fix in position aluminium framed glazed aluminium sash door, window, fanlight, partition units complete with sealant glazing screwed beadings, locks, fasteners, gasket, hardware and fittings all complete as per detail drawing.</i> | <i>Note</i>    |     |              |                |
|          | <i>Rate shall include for testing for Hardness, profile thickness, coating thickness of Aluminium extrusions</i>                                                                                                                                               | <i>Note</i>    |     |              |                |
|          | <i>Details of Aluminium Sections and accessories to be used if not specified separately.</i>                                                                                                                                                                   | <i>Note</i>    |     |              |                |

| ITEM | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | UNIT           | QTY | RATE<br>(Rs) | AMOUNT<br>(Rs) |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----|--------------|----------------|
|      | <b>for Sash</b><br>Doors - Width of Top bar-80mm<br>Width of Middle bar-100mm<br>Width of Bottom bar-120mm<br><b>Glass</b><br><b>Windows</b> - 5mm thick clear float glasses Gardian or equivalent<br><b>Doors</b> - 6mm thick clear float glasses Gardian or equivalent<br><b>Panel</b> - 4mm thick Aluminium composite board<br><b>Lock</b> (if not separately specified)<br>-Door lock with triplicate keys ( Mortice type) Alpha or equivalent.<br><b>Hinges</b> - 04 nos Stainless Steel (304) (Kinglong) hinges to be provided for a door sash if not separately specified<br><b>Door handle</b> - 25mm dia stainless steel door handle (300mm long ) to be provided if not separately specified. One pair for a sash |                |     |              |                |
| H1   | Fabricating and fixing Powder-coated aluminium hinged type sash door with aluminium architectural sections with 60-80 micron coating glazed and panelled with 4mm cladding board including door lock, etc. All as per detail drawing.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | m <sup>2</sup> | 5   |              |                |
| H2   | Supply & Fixing of 300mm, 25mm dia lightly bent type stainless steel (304) door handle.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | pair           | 2   |              |                |
| H3   | Powder Coated double sash butt hinged openable door with middle rail ,panelling with 4mm cladding board, and glazed with 5mm thic clear glass panesat top panel, neoprene and wooled beading, gaskets, pop rivots, threaded bar with nut and approved quality lock, butt hinges, s/s door handle with cap nut.                                                                                                                                                                                                                                                                                                                                                                                                              | m <sup>2</sup> | 3   |              |                |
| H4   | Fabricating and fixing Powder-coated aluminium hinged type sash Bathroom door with aluminium architectural sections with 60-80 micron coating glazzed/panelled with 3mm cladding board at bottom and top. Including door lock with handle etc. All as per detail drawing.                                                                                                                                                                                                                                                                                                                                                                                                                                                   | m <sup>2</sup> | 4   |              |                |
| H5   | Fabricating and fixing Powder-coated aluminium glazed window with openable sash with aluminium architectural sections with 60 - 80 micron coating with 4.6 mm thick glass including all necessary rubber beading, rawl plug etc. All as per detail drawing.                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | m <sup>2</sup> | 25  |              |                |

| ITEM     | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | UNIT                                                                    | QTY | RATE<br>(Rs) | AMOUNT<br>(Rs) |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|-----|--------------|----------------|
| H6       | Fabricating and fixing Powder-coated aluminium louvre panels, fixed to aluminium windows or doors with aluminium architectural sections with 10 - 15 micron coating including all necessary fittings, etc. (Aluminium window or door measured separately). All as per detail drawing.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | m <sup>2</sup>                                                          | 15  |              |                |
| H7       | Fabricating and fixing Zn/Al diamond shaped mesh (deco mesh) to powder-coated Aluminium 1 1/2" x 1 1/2" box bar frame for window opening, using powder-coated Aluminum Channel (5153M) and complete. All as per detailed drawing.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | m <sup>2</sup>                                                          | 25  |              |                |
| H8       | Fabricating and fixing Powder-coated aluminium glazed fanlight with openable sash with aluminium architectural sections with 10 - 15 micron coating glazed 4.6 mm thick glass including all necessary rubber beading, rawl plug etc.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | m <sup>2</sup>                                                          | 1   |              |                |
| H9       | Supply and fixing door closer.(heavy)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | nr                                                                      | 2   |              |                |
| H10      | Supplying of imported, heavy duty self cloing floor hinge of approved quality ('VVP' or equivqlent with One year gurantee) and fixing to the aluminium doors including all connecting works like chipping and removing of floor finish/floor concrete and making good after completion. (gurantee card should be provided piror to installation). Rate to include top bracket and filling grease.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | nr                                                                      | 2   |              |                |
|          | <b>Sub Total carried to Summary</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                         |     |              |                |
| <b>I</b> | <p><b><u>PLUMBER</u></b></p> <p><b><u>Sanitary Fittings &amp; Fixtures</u></b></p> <p><i>Supply and installation of approved quality sanitary appliances with pipe specials, fittings, and special connecting to water supply, sewage and wastewater disposal pipes.</i></p> <p><b><i>Unless otherwise measured separately, Rates shall include for:</i></b></p> <p><i>(a) Fittings such as taps, wastewater outlets, internal overflows etc. and supporting brackets, incidental materials for fixing.</i></p> <p><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></p> <p><i>(c) all necessary fixtures for sanitary fittings and special connection to water supply, wastewater and sewer lines</i></p> <p><i>(d) Jointing and connection pipes to sanitary fittings.</i></p> <p><i>(e) Testing and commissioning of the installation.</i></p> <p><i>(f) Making good the work disturbed.</i></p> | <p>Note</p> <p>Note</p> <p>Note</p> <p>Note</p> <p>Note</p> <p>Note</p> |     |              |                |

| ITEM | DESCRIPTION                                                                                                                                                                                                                                                                                                                       | UNIT        | QTY | RATE<br>(Rs) | AMOUNT<br>(Rs) |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----|--------------|----------------|
|      | <i>(g) Protecting the works</i>                                                                                                                                                                                                                                                                                                   | <i>Note</i> |     |              |                |
|      | <i>(h) All Samples should be approved by the Engineer</i>                                                                                                                                                                                                                                                                         | <i>Note</i> |     |              |                |
| I1   | Supplying & fixing mirror for bathroom 450mm x 600mm size approved quality with screws, plugs etc.                                                                                                                                                                                                                                | nr          | 4   |              |                |
| I2   | Supplying & fixing Wash basin with pedestal Vitreous China 575 X 450 X 820mm ( Rocell urban D or equivalent) and Chromium Plated Sawn neck Type Pillar Tap (Rocell N091214 or equivalent) complete with Waste Plug (Rocell A38, A43 or equivalent), flexible horse, chromium plated waste chain & stay                            | nr          | 2   |              |                |
| I3   | Supply and installation of stainless steel wired Soap dish . Rate shall include all fixtures.                                                                                                                                                                                                                                     | nr          | 4   |              |                |
| I4   | Supply & fixing approved Closet with working order in white vitreous china, syphonic system, hinged acrylic soft closing seat and lid including 20mm(1/2")dia. chromium plated angle valve and chromium plated flexible hose. Rate to include for necessary fixtures and special connection to water supply line and sewer lines. | nr          | 2   |              |                |
| I5   | Supplying & fixing Bowl type approved urinal with trap and urinal flush valve complete to working order.                                                                                                                                                                                                                          | nr          | 1   |              |                |
| I6   | Supplying & fixing 20mm(1/2") dia. bidet spray approved best quality. (chromium plated)                                                                                                                                                                                                                                           | nr          | 2   |              |                |
| I7   | Supplying and fixing 20mm(1/2") dia. Approved, heavy quality chromium plated bib tap with 20mm(1/2") dia. P.V.C. Faucet Socket . (Rocell SD9A126 or equivalent)                                                                                                                                                                   | nr          | 2   |              |                |
| I8   | Supplying & fixing 20mm(1/2") pipe dia.,150mm approved chromium plated shower rose.                                                                                                                                                                                                                                               | nr          | 2   |              |                |
| I9   | Supplying & fixing approved stainless steel Towel rail with screws, plugs etc.                                                                                                                                                                                                                                                    | nr          | 4   |              |                |
| I10  | Supplying and fixing 20mm(1/2") dia. Approved, brass-heavy quality chromium plated Angle Value with 20mm(1/2") dia. P.V.C. Faucet Socket.                                                                                                                                                                                         | nr          | 8   |              |                |
| I11  | Supply and fix 20mm dia Chromium plated Brass Conceal Valve.                                                                                                                                                                                                                                                                      | nr          | 2   |              |                |
| I12  | Supplying and fixing 150mm x 150mm gully including concreting and supplying necessary grating.                                                                                                                                                                                                                                    | nr          | 2   |              |                |
| I13  | Stainless steel floor trap cover. Approx. 150x150mm size, (European or Equivalent Quality)                                                                                                                                                                                                                                        | nr          | 2   |              |                |



| ITEM | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | UNIT | QTY | RATE<br>(Rs) | AMOUNT<br>(Rs) |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----|--------------|----------------|
|      | <b><u>Water Supply System</u></b><br><i>All Type 1000 (uPVC) pipes used in the plumbing installation must conform in every respect to the requirements of the SLS 147 of 1993 or BS 4514.</i><br><i>All uPVC fittings and specials should be Type 1000, unless otherwise specified, with joints of approved quality and conforming to Sri Lankan Standards used in the plumbing installation.</i><br><br><b>Unless otherwise measured separately, rates shall include for:</b><br><i>(a) Supply, transport to site and laying as specified.</i><br><i>(b) Cutting and joining of pipes and wastage of pipes.</i><br><i>(c) All specials such as elbows, bends, tees, junctions, plugs, reducers and similar necessary pipe fittings. (Valves may be measured separately)</i><br><i>(d) Necessary jointing materials i.e rubber rings, solvent cement etc, specified fillings for pipe beddings etc.</i><br><br><i>(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, wall surfaces etc. and making good all works disturbed.</i><br><br><i>(f) Necessary screws, nails, sockets, connection back nuts standard pipe fixing or supporting clips, saddles, brackets, holder bats, s-traps.</i><br><i>(g) Connecting different types of pipes.</i><br><i>(h) Testing, commissioning and disinfection after completion.</i><br><i>(i) Excavation, backfilling, disposal of surplus soil.</i> | Note |     |              |                |
| I14  | Supplying and laying Pipes PVC with specials, size 20mm dia. type 1000 (PNT 14) on wall                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | m    | 50  |              |                |
| I15  | Supplying and laying Pipes PVC with specials, size 50mm dia. in wastes of sinks. Type 600.(PNT 7)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | m    | 30  |              |                |
|      | <b><u>Waste Water and Sewerage Disposal System</u></b><br><i>All Type 600 unplasticized polyvinyl chloride (uPVC) pipes used in the plumbing installation must conform in every respect to the requirements of the SLS 147 of 1993 or BS 4514.</i><br><b>Unless otherwise measured separately, Rates shall include for:</b><br><i>(a) Laying of pipes to falls.</i><br><i>(b) Excavation, backfilling, disposal of surplus soil.</i><br><i>(c) All pipe specials such as bends, junctions, elbows, tees, end caps etc. unless separately given in the BOQ.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Note |     |              |                |

| ITEM                                | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | UNIT | QTY | RATE<br>(Rs) | AMOUNT<br>(Rs) |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----|--------------|----------------|
|                                     | <p>(d) Necessary jointing materials i.e rubber rings, solvent cement etc, specified fillings for pipe beddings etc.</p> <p>(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.</p> <p>(f) Necessary screws, nails, sockets, connection back nuts standard pipe fixing or supporting clips, saddles, brackets, holder bats, straps.</p> <p>(g) Connecting different types of pipes.</p> <p>(h) Connection to sides of manholes etc.</p> <p>(i) Providing sleeves etc., when pipes pass through walls, foundations etc.</p> <p>(j) Testing and commissioning of the installation.</p> <p>(k) Protecting the works, all necessary hoardings, barricades.</p> |      |     |              |                |
| I16                                 | Supplying and laying of pvc 110mm diameter (type 400) on trenches including excavation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | m    | 75  |              |                |
| I17                                 | Supplying and fixing elbow pvc 110mm.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | nr   | 15  |              |                |
| I18                                 | Allow for Supplying and Fixing vanity type wash basin supplied with 20mm(1/2") dia. Chromium-plated Pillar tap Rocel Vero orequivalent, waste plug, chain and stay, supply and fixing liquid soap dispensers, valves, cleaning Eye, Elbow, Tees, Bends and unforeseen Work.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | P.S  |     |              | 350,000.00     |
| <b>Sub Total carried to Summary</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |     |              |                |
| <b>J</b>                            | <b><u>ROOF WORK</u></b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |     |              |                |
|                                     | <i>Rate include for scaffolding.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      |     |              |                |
| J1                                  | Supplying, fabricating and fixing in position GI box bar roof truss/rafter sections , including cutting, welding, grinding, drilling, hoisting, aligning, and fixing complete as per drawings and Engineer's instructions. Members to be as follows: top chord – 100×50×2 mm, bottom chord – 100×50×2 mm, web members – 50×50×1.6 mm, overall truss depth 500 mm. Work includes shop fabrication, surface preparation, two coate of Zn/ Phospate paint and two coats of approved enamel/anticorrosive paint, all connections, welding rods, scaffolding, hoisting, handling and all incidental work complete.                                                                                                                                                                                                                                                               | m    | 90  |              |                |

| ITEM                                | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | UNIT           | QTY | RATE<br>(Rs) | AMOUNT<br>(Rs) |
|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----|--------------|----------------|
| J2                                  | Supply and fixing of 4" x 2" GI box bars as roof purlins, including cutting, welding, grinding, drilling, hoisting, aligning, and fixing complete as per drawings and Engineer's instructions, and erection on the roof structure with welding, ensuring proper alignment, level, and spacing, with surface preparation, two coats of Zn/Phosphate paint and two coats of approved enamel/anticorrosive paint, all connections, welding rods, scaffolding, lifting, handling and all incidental work complete. | m              | 310 |              |                |
| J3                                  | Supplying & fixing 40mm thick of PU Zinc Aluminium roofing sandwich panel approved by engineer laid on existing purlins with joints to be properly connected with an adequate side lap to ensure water tightness along the entire length and complete to working order as per manufacture's specifications.(Thk. 0.47mm , AZ 150)                                                                                                                                                                              | m              | 285 |              |                |
| J4                                  | Supplying & fixing colour Zn /Al. ridge cap/ bottom ridge cap (The nominal base metal thickness (BMT) should be 0.42 mm and total coated thickness (TCT) not less than 0.47 mm) with self-drilling screws (Fasteners) minimum girth 470mm. The coating mass of the Zn/Al sheet is AZ150 (Minimum 150 gms/sq.m total on both sides).                                                                                                                                                                            | m              | 75  |              |                |
| J5                                  | Supplying & Fixing Zn / Al Valance board of nominal girth 470mm. (The nominal base metal thickness (BMT) should be 0.42 mm and the total coated thickness (TCT) not less than 0.47 mm) including Screws. Nominal girth 470mm. The coating mass of the Zn/Al sheet is AZ150 (Minimum 150 gms/sq.m total on both sides).                                                                                                                                                                                         | m              | 75  |              |                |
| J6                                  | Supplying and fixing Gutters colour Zn /Al (The nominal base metal thickness (BMT) should be 0.42 mm and total coated thickness (TCT) not less than 0.47 mm) 457mm girth with brackets not exceeding 0.6m crs. rate includes for specials. The coating mass of the Zn/Al sheet is AZ150 (Minimum 150 gms/sq.m total on both sides).                                                                                                                                                                            | m              | 75  |              |                |
| J7                                  | Supplying and fixing down pipes colour Zn/Al 100mm X 100mm (The nominal base metal thickness (BMT) should be 0.42 mm and total coated thickness (TCT) not less than 0.47 mm) with brackets not exceeding 1.2m crs. of the pipe, rate includes for specials. The coating mass of the Zn/Al sheet is AZ150 (Minimum 150 gms/sq.m total on both sides)                                                                                                                                                            | m              | 30  |              |                |
| J8                                  | Supplying and laying 25mm x 25mm gauge 17 welded wire mesh as directed.                                                                                                                                                                                                                                                                                                                                                                                                                                        | m <sup>2</sup> | 50  |              |                |
| J9                                  | Allow for base plates, thread bars and other unforeseen works.                                                                                                                                                                                                                                                                                                                                                                                                                                                 | P.S            |     |              | 200,000.00     |
| <b>Sub Total carried to Summary</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                |     |              |                |

| ITEM        | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                    | UNIT | QTY | RATE<br>(Rs) | AMOUNT<br>(Rs) |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----|--------------|----------------|
| <b>K</b>    | <b><u>ELECTRICAL WORKS</u></b>                                                                                                                                                                                                                                                                                                                                                                                 |      |     |              |                |
| <b>I</b>    | 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.                                                                                                                                                                                                    |      |     |              |                |
| <b>II</b>   | 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.                                                                                                                                                                                             |      |     |              |                |
| <b>III</b>  | Where reference is made to certain manufactures' products and items identified by registered trade marks, has been done for the sole purpose of defining and establishing standards of quality and performance and not with the intention of restricting the procurement of material or fitting to a particular manufacturer. However all equipment and material should meet the BS or an equivalent standard. |      |     |              |                |
| <b>IV</b>   | Testing and commissioning of the electrical installation is to be carried out by the contractor and inspection report submitted according to the requirements of the power supply Authority.                                                                                                                                                                                                                   |      |     |              |                |
| <b>V</b>    | Electrical Items (MCB,RCCB etc.) should be of European/Japanese origin or to the BS or equivalent and items without an accredited agent in Sri Lanka shall not be accepted. Guarantee cards(Fans etc.) should be provided from accredited agent before installation.                                                                                                                                           |      |     |              |                |
| <b>VI</b>   | All the quantities given here are approximated values and Quantities may change with the actual installation at the site.                                                                                                                                                                                                                                                                                      |      |     |              |                |
| <b>VII</b>  | All types of fittings, materials, painting and finishes shall be approved by the Engineer prior to installation.                                                                                                                                                                                                                                                                                               |      |     |              |                |
| <b>VIII</b> | All panel boards and consumer units should have wire numbering and a laminated circuit diagram should be pasted on the inside surface of the door.                                                                                                                                                                                                                                                             |      |     |              |                |
|             | <b><u>Electrical Distribution System</u></b>                                                                                                                                                                                                                                                                                                                                                                   |      |     |              |                |
| K1          | Associated work for the getting Electricity connection from existing Panel board.( <b>Using 30A,3Phase Electricity Connection</b> )                                                                                                                                                                                                                                                                            | P.S  |     |              | 50,000.00      |

| ITEM | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | UNIT | QTY | RATE<br>(Rs) | AMOUNT<br>(Rs) |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----|--------------|----------------|
| K2   | <p><b><u>Three Phase Consumer Unit (TCU-GYM)</u></b></p> <p>Supply and installation of switch gear cubicle made <b>out of (1.2mm thickness) sheet steel (IP54) stove enameled or powder coated for the finish with one coat of primer,surface type steel enclosure</b> to the approval of the engineer with following equipment.</p> <p>01 Nos. 40A, 4P Isolator<br/> 03 Nos. 32A, 2P MCB,6kA<br/> 02 Nos. 16A, 4P MCB,6kA<br/> 03 Nos. 40A 2P RCCB, 30mA sensitivity<br/> 02 Nos. 40A 4P RCCB, 30mA sensitivity<br/> 15 Nos. 6-20A, 1P MCB,6kA</p> <p>Supply and installation of <b>Class II</b> Surge diveter with <b>40 kA max. maximum discharge current</b>, 20 kA nominal discharge current(8/20), respond time &lt;= 25ns, Uc &gt;= 280V and prtction level &lt;= 1.3kV <b>(including 40kA HRC fuses)</b></p> <p>01 No Earth Bar<br/> All internal connections.<br/> <b>Equipment to be to the BS/IEC</b></p> | nr   | 1   |              |                |
| K3   | <p><b><u>PVC Trunking</u></b></p> <p>Supplying and installation of 50 × 25mm PVC Trunking as necessary.</p> <p><b><u>Cables</u></b></p> <p>Supply and installation (with all materials required including conduits/casinginclude, use proper termination accessories Cable glands, lug, SS nut and bolt sets and termination) of following cables.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | m    | 20  |              |                |
| K4   | 6mm <sup>2</sup> Cu/PVC/PVC 1C×4 cable <b>from Existing panel to TCU-GYM</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | m    | 20  |              |                |
| K5   | 6mm <sup>2</sup> Green & Yellow Earth cable <b>from Main earth electrode to TCU-GYM</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | m    | 20  |              |                |
|      | <p><b><u>Light Fittings</u></b></p> <p><b>Note :-</b></p> <p><b>Warranty of all complete LED light fitting must be minimum two years.</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      |     |              |                |
| K6   | Supply and installation of <b>Medium bay light fitting with 45W LED, minimum flux 4800 lumens</b> with accessories.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | nr   | 10  |              |                |
| K7   | Supply and installation of <b>Pendant type light fitting with 12W LED, minimum flux 780 lumens</b> with accessories.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | nr   | 4   |              |                |

| ITEM | DESCRIPTION                                                                                                                                                                                                                                                                                                         | UNIT | QTY | RATE<br>(Rs) | AMOUNT<br>(Rs) |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----|--------------|----------------|
| K8   | Supply and installation of <b>outdoor type wall mounted light fitting (IP65)</b> with <b>9W LED, minimum flux 700 lumens</b> with accessories.<br><br><b><u>Light Point Wiring</u></b>                                                                                                                              | nr   | 2   |              |                |
| K9   | Wiring (including supply of all materials) of the above light points using approved type PVC insulated PVC sheathed 1 mm <sup>2</sup> copper cable drawn through securely fixed concealed PVC conduit with 2.5 mm <sup>2</sup> earth cable.<br><br><b><u>Socket Outlets</u></b><br><b><u>13A Socket outlets</u></b> | nr   | 16  |              |                |
| K10  | Supply & installation of 13A shuttered switched single socket outlet to comply with BS .<br><br><b><u>Wiring of 13A Socket outlets (radial circuit)</u></b>                                                                                                                                                         | nr   | 14  |              |                |
| K11  | Wiring (including supply of all material required ) of 13A socket outlets using approved type 2.5mm <sup>2</sup> Cu/PVC/PVC, 2C cable & 2.5mm <sup>2</sup> earth cable drawn through securely fixed concealed PVC conduit/casing.<br><br><b><u>Fans</u></b><br><b><u>Ceiling Fans</u></b>                           | nr   | 14  |              |                |
| K12  | Supply & installation of <b>1400mm (56") , 75W, min. 7900 CFM with Metal blade</b> sweep ceiling fan , complete with regulator, fan hook, extension rod & attachment.<br><br><b><u>Ceiling Fan point wiring</u></b>                                                                                                 | nr   | 6   |              |                |
| K13  | Wiring (including supply of all material, earth wire & switch) of the above ceiling fans using approved type 1 mm <sup>2</sup> , Cu/PVC/PVC cable & 2.5 mm <sup>2</sup> earth wire drawn through securely fixed concealed PVC conduits.<br><br><b><u>Wall fans</u></b>                                              | nr   | 6   |              |                |
| K14  | Supply & installation of wall fan, <b>400mm (16") , 52W, min. 2200 CFM</b> with Metal blade,speed regulator & accessories.<br><br><b><u>Wall Fan point wiring</u></b>                                                                                                                                               | nr   | 2   |              |                |
| K15  | Supplying, wiring and installation 2.5mm <sup>2</sup> 2C Cu/PVC/PVC cable and 2.5mm <sup>2</sup> Cu/PVC earth conductor and 13 Amp single switch socket outlet with all accessories (including switch socket outlet).<br><br><b><u>Exhaust Fans</u></b>                                                             | nr   | 2   |              |                |
| K16  | Supply & installation of exhaust fan (Wall Mount Type Ventilating Fans, Automatic Shutter Louver Series), <b>300mm (12") , 31W,min. 700 CFM, max. 40 dB(A )</b> with <b>PVC blade &amp; accessories. (including civil works)</b>                                                                                    | nr   | 2   |              |                |

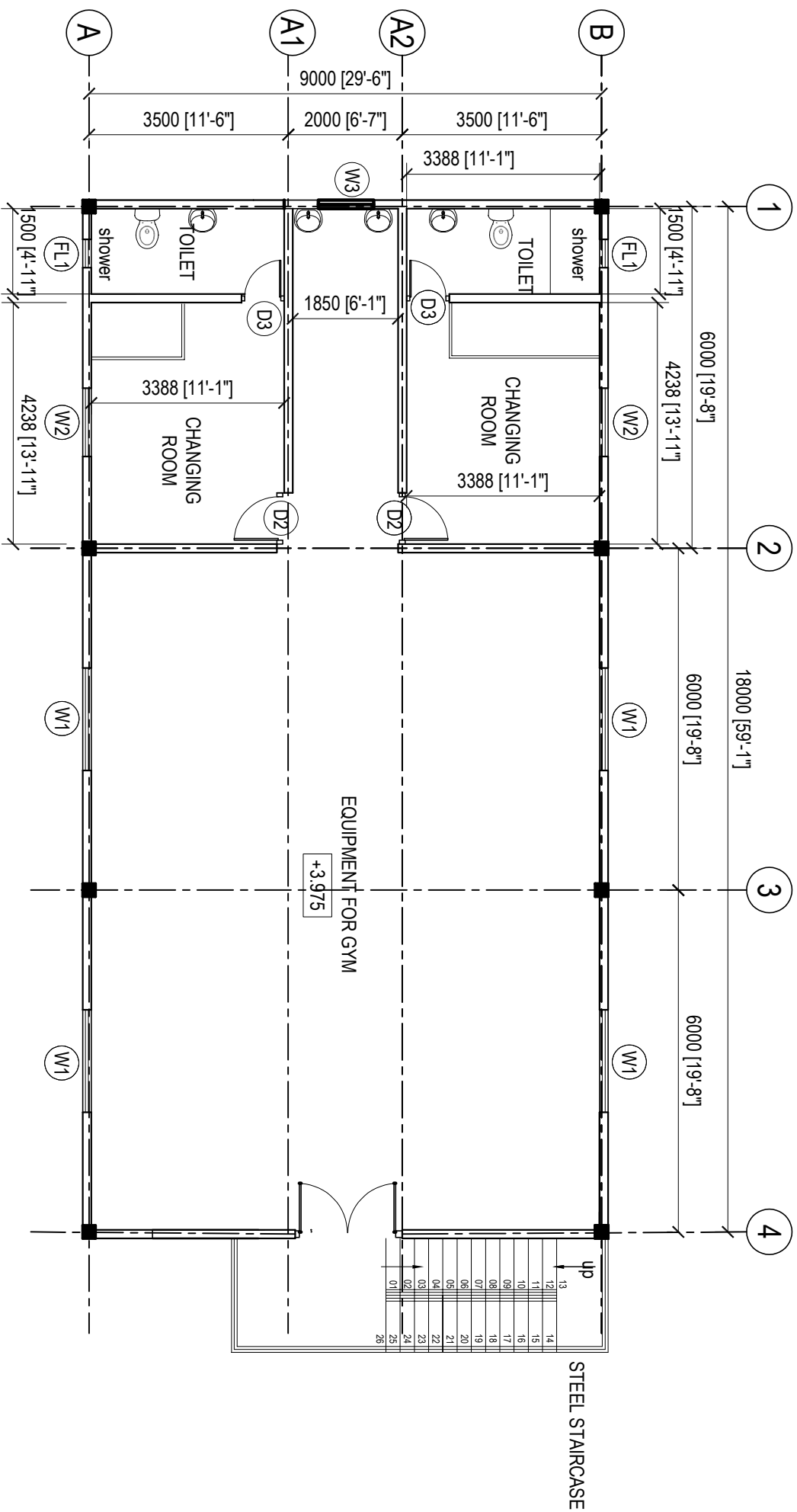
| ITEM     | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                          | UNIT           | QTY | RATE<br>(Rs) | AMOUNT<br>(Rs) |
|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----|--------------|----------------|
| K17      | <b><u>Wiring of Exhaust Fans</u></b><br>Supplying, wiring and installation 2.5mm <sup>2</sup> 2C Cu/PVC/PVC cable and 2.5mm <sup>2</sup> Cu/PVC earth conductor and 13 Amp single switch socket outlet with all accessories (including switch socket outlet).                                                                                                                                                        | nr             | 2   |              |                |
| K18      | <b><u>Three Phase AC Unit Wiring</u></b><br>Wiring for AC units shall be terminated with a 20A 4P Isolator installed near the outdoor AC unit. Wiring up to the 20A 4P Isolator to control the AC unit shall be with 2.5mm <sup>2</sup> , 1C×4 Cu/PVC/PVC cable and 2.5mm <sup>2</sup> Cu PVC earth wire, drawn through concealed PVC conduits, from the respective Consumer                                         | nr             | 2   |              |                |
| K19      | <b><u>Main Earthing System</u></b><br>Supply and Installation of an earth electrode of minimum <b>16mm dia.</b> copper bonded steel rod of length <b>1.2m</b> or more with a clamp connection to earth conductor. Earth resistance shall be less than <b>10 Ohms</b> tested on a dry day. An earth pit of size 300mm x 300mm x 200mm is to be prepared and covered by concrete plate to protect the earth electrode. | Item           |     |              |                |
| K20      | <b><u>Inspection and Testing - Electrical installation</u></b><br>Testing the installation and rectify any defects and submit a certificate by a Chartered Electrical Engineer.                                                                                                                                                                                                                                      |                |     |              |                |
| K21      | <b><u>Drawings</u></b><br>Provide three sets of 'As Built Drawings' (A3 size) to cover electrical distribution system binded as books.                                                                                                                                                                                                                                                                               |                |     |              |                |
|          | <b>Sub Total carried to Summary</b>                                                                                                                                                                                                                                                                                                                                                                                  |                |     |              |                |
| <b>L</b> | <b><u>MISCELLANEOUS WORKS</u></b>                                                                                                                                                                                                                                                                                                                                                                                    |                |     |              |                |
| L1       | Supplying & fixing of Guage 100 Microns sand blasting sticker or tinted stickers including surface preparation as per working order.                                                                                                                                                                                                                                                                                 | m <sup>2</sup> | 15  |              |                |
| L2       | Supplying & Laying approved colour Granite on surface. Rate include for waxing, cutting, transporting etc.                                                                                                                                                                                                                                                                                                           | m <sup>2</sup> | 5   |              |                |
| L3       | Supplying and laying of internal angle fillet (25mm x 25mm) at edges using nonshrinkage grout and fibre mesh (200mm width) after clearing at edges (preparing surface for waterproofing), as per the instructions of the Engineer.                                                                                                                                                                                   | m              | 25  |              |                |
| L4       | Waterproofing in upper floor bathrooms, water tanks etc. with a waterproofing agent approved by the Engineer, (Barralastic or equivalent) apply two coats after a well cleared surface.(shall have minimum 10 year warranty period)                                                                                                                                                                                  | m <sup>2</sup> | 50  |              |                |

| ITEM | DESCRIPTION                                                                                                                                                                                                            | UNIT           | QTY | RATE<br>(Rs) | AMOUNT<br>(Rs) |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----|--------------|----------------|
| L5   | Waterproofing with cementitious waterproofing agent approved by the Engineer, (Xypex or equivalent) apply two coats after well clearing and surface preparation.                                                       | m <sup>2</sup> | 55  |              |                |
| L6   | Chemical Anchoring to existing columns by 4T16 for one column. (8 nr of Column)                                                                                                                                        | nr             | 32  |              |                |
| L7   | Supplying and fixing of 15mm thick rubber gym floor carpet. Shall be Non-porous, non-absorbent, Slip-resistant surface, Dust, spore, smell and allergy free for humans.                                                | m <sup>2</sup> | 110 |              |                |
| L8   | Supplying and fixing of 6.35mm thick frameless wall mirror with polished edge. Includes Mounting Clips and Screws. Made in USA or equivalent.                                                                          | m <sup>2</sup> | 10  |              |                |
| L9   | Allow for supplying, fabricating & fixing steel staircase with handrail as per engineer's instructions, supplying & fixing paririon, temporary coverings, laying safety nets, barricade tapes & other unforeseen works | P.S            |     |              | 1,000,000.00   |
|      | <b>Sub Total carried to Summary</b>                                                                                                                                                                                    |                |     |              |                |



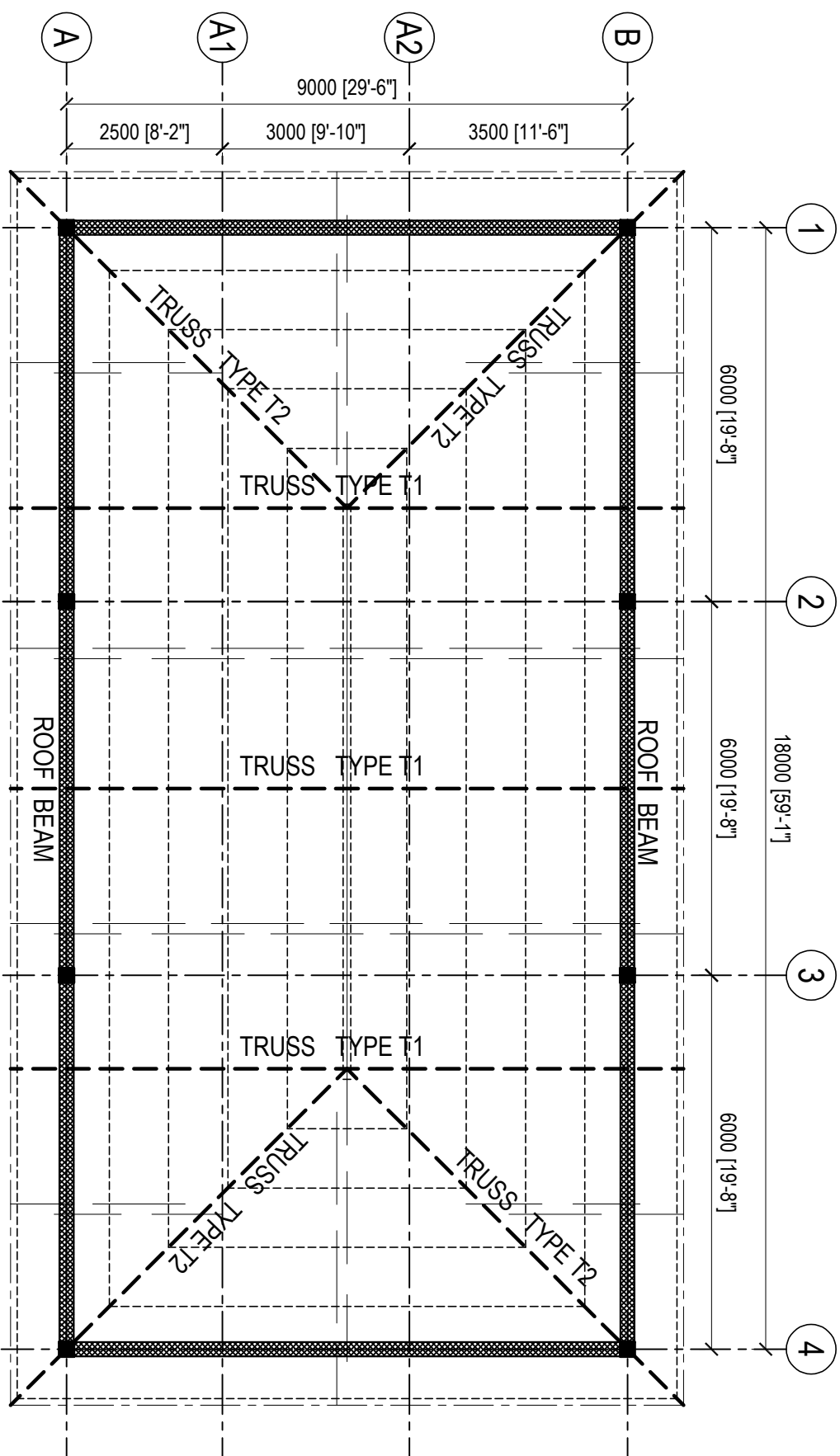
**Section - 8**

**DRAWINGS**



PROPOSED FLOOR PLAN (GYM)

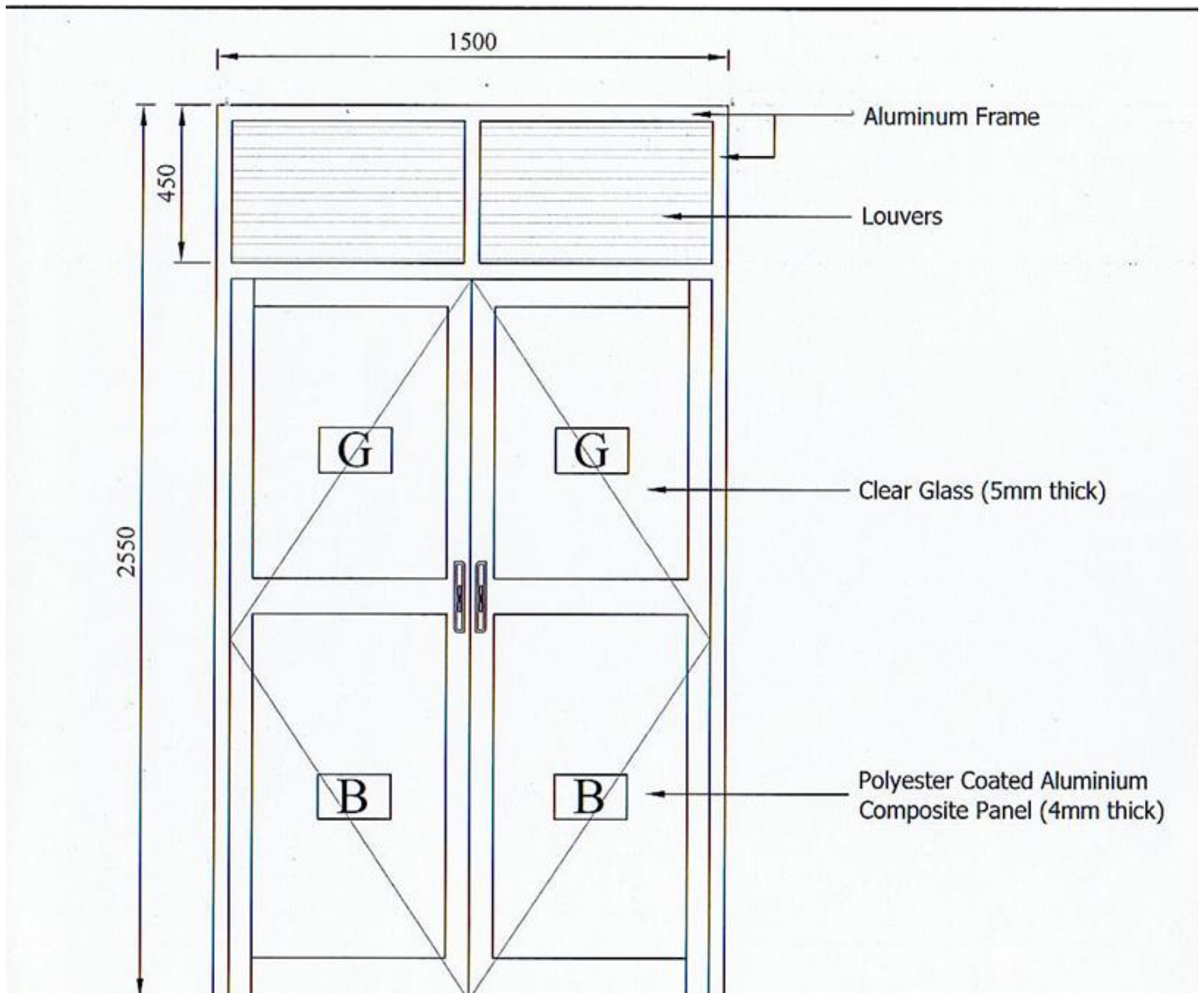
SCALE 1:100



ROOF LAYOUT (GYM)

SCALE 1:100

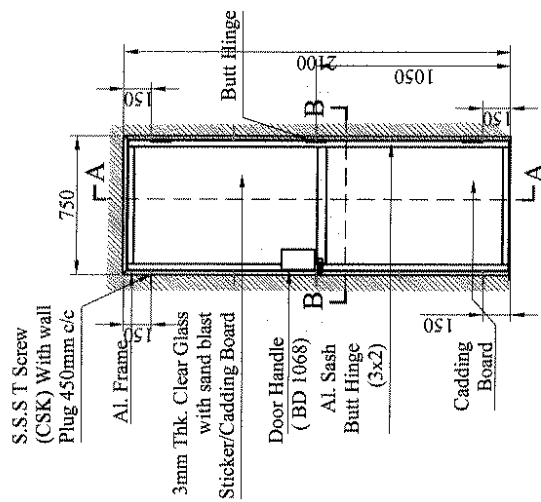
- TRUSSES
- 100 x 50 x 2mm HT LIPPED CHANNEL PURLIN
- 12 DIA. SAG ROD



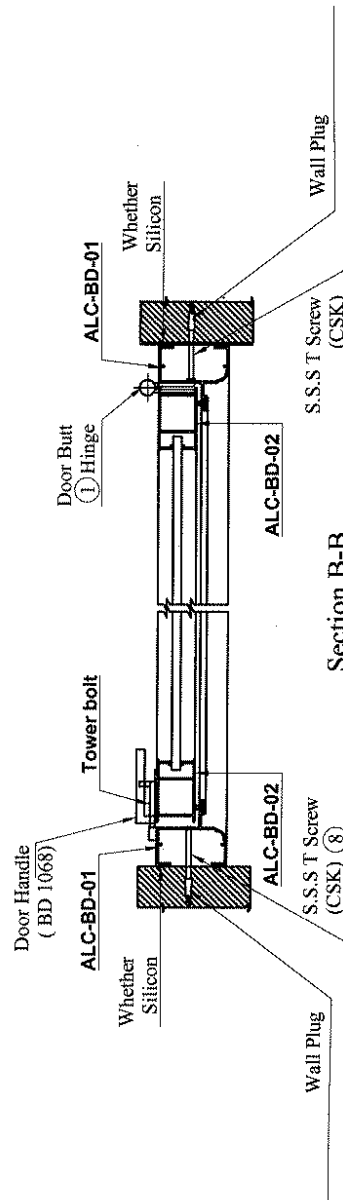
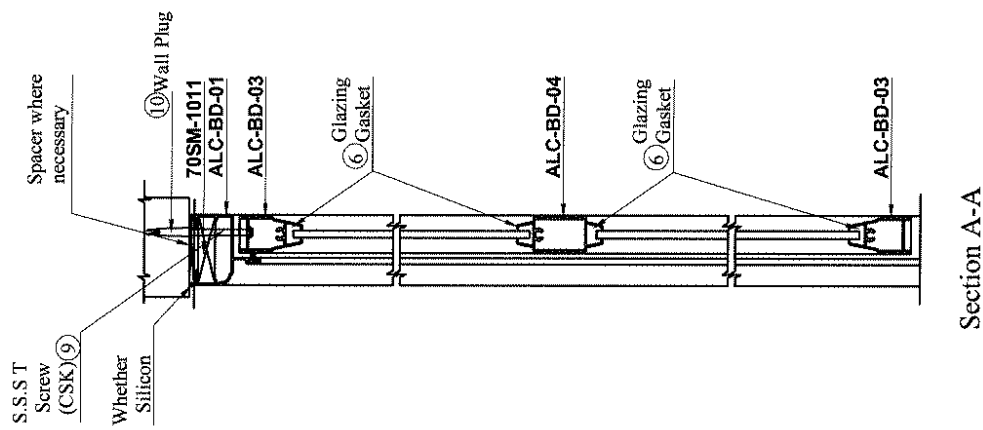
**D 1**



USED SECTIONS  
 ALC-BD-01, ALC-BD-02, ALC-BD-03, ALC-BD-04 OR SIMILAR  
 SECTIONS.  
 THESE SECTIONS CAN BE "ALCO" BRAND OR EQUIVALENT.



Elevation of Door  
(inside View)

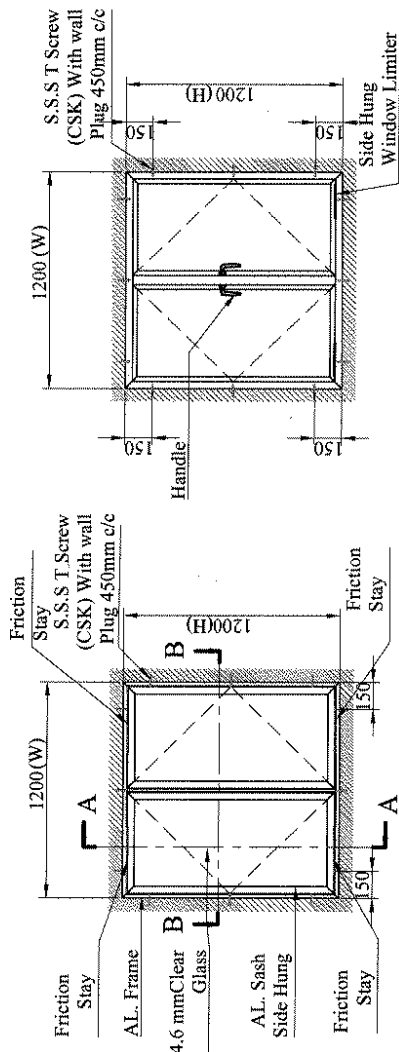


D 03

Technical drawings of three types of metal fasteners:

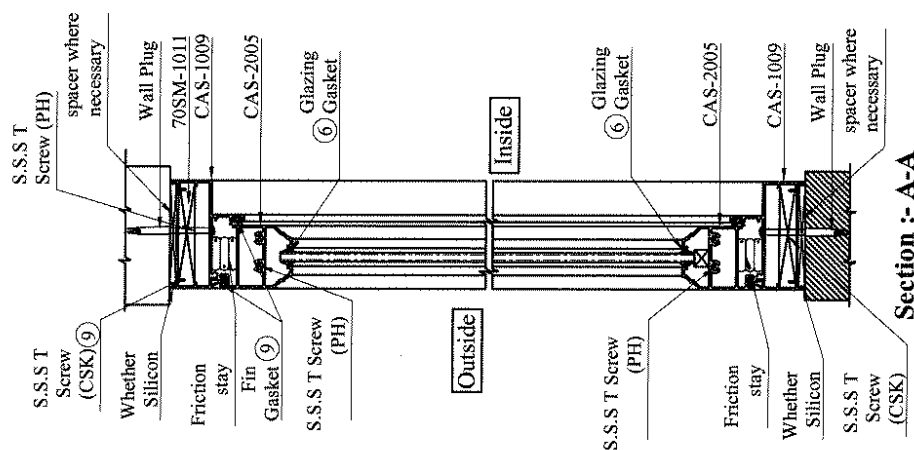
- CAS-1009:** A rectangular fastener with a central slot. Dimensions: 39 (width), 60 (height), 35 (depth), 1.2 (slot width), 24.2 (flange width).
- CAS-2005:** A rectangular fastener with a central slot and a flange. Dimensions: 40 (width), 35 (height), 10 (depth), 1.2 (slot width), 10 (flange width).
- CAS-1010:** A rectangular fastener with a central slot and a flange. Dimensions: 50 (width), 20.4 (height), 35 (depth), 1.2 (slot width), 14 (flange width).

USED PROFILES CAN BE "ALCO" BRAND OR EQUIVALENT.

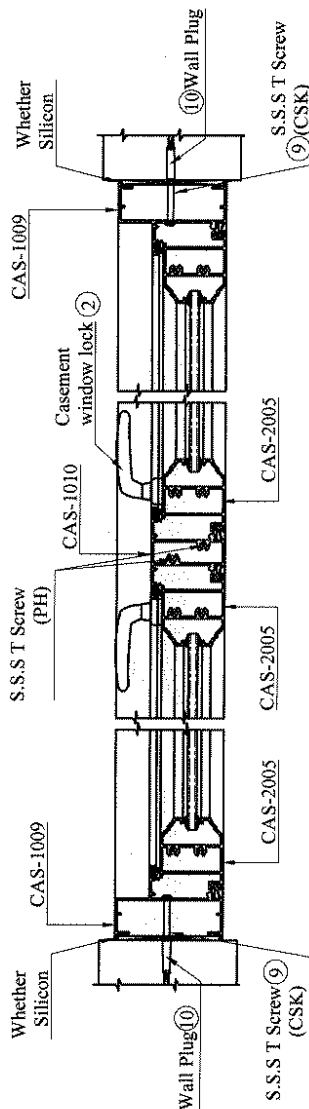


## **Elevation Inside**

### Elevation Outside

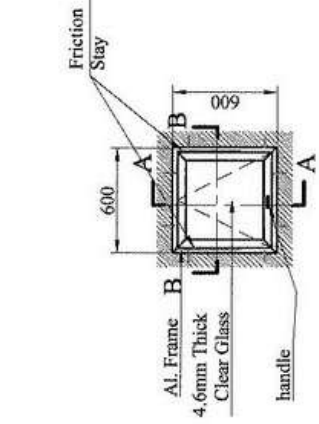
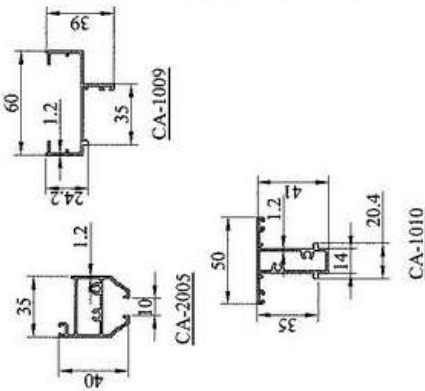


**Section :- B-B**

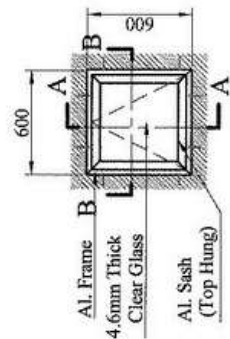


# W1 & 2

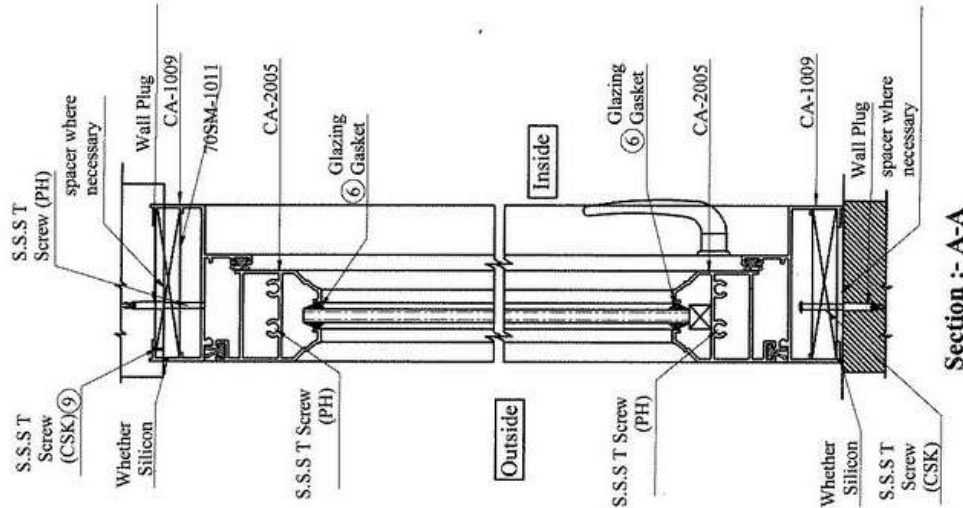
# Profiles



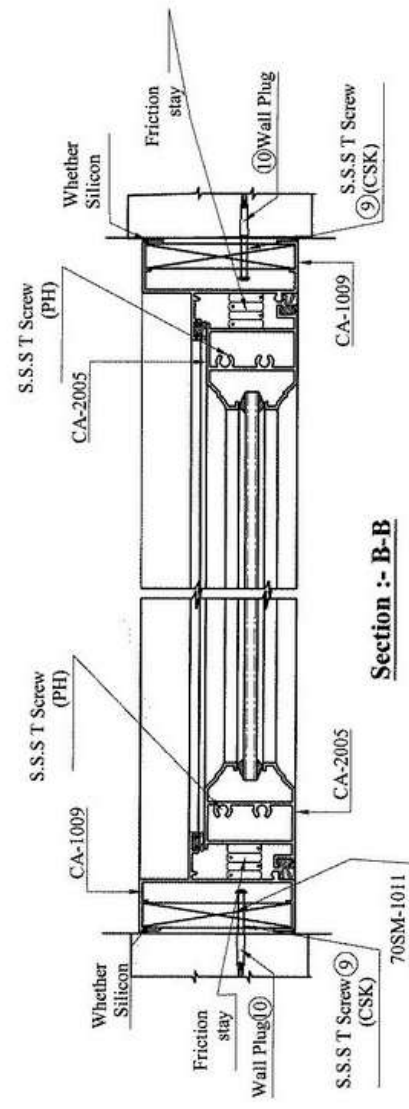
Elevation Of FL Inside



Elevation Of FL Outside



Section :- A-A



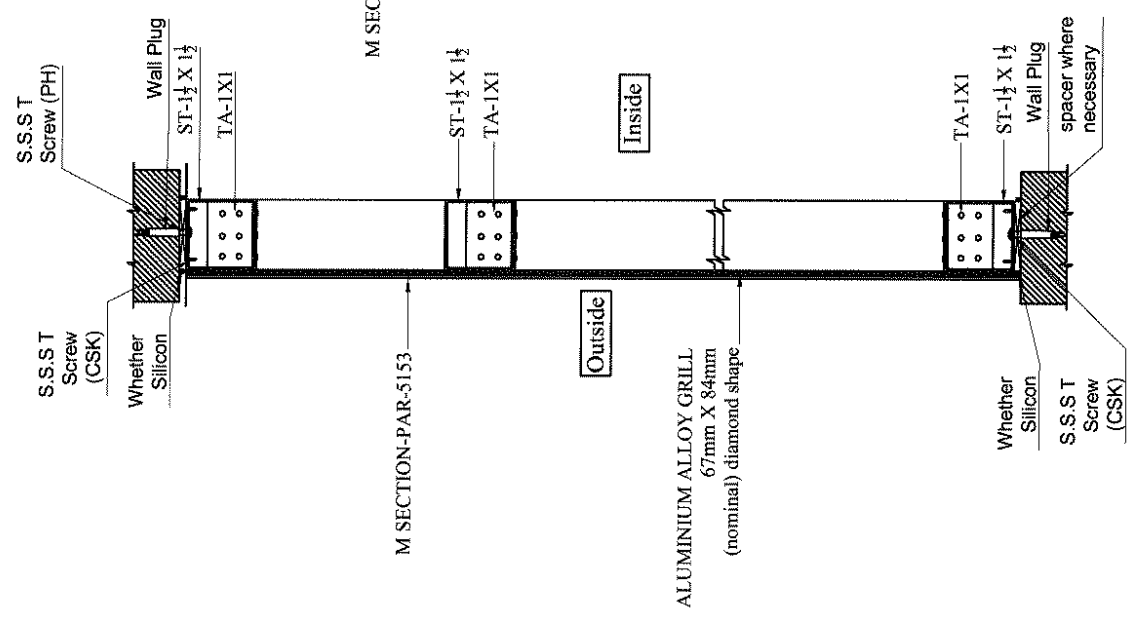
Section :- B-B

41mm 1.2thk Casement Window

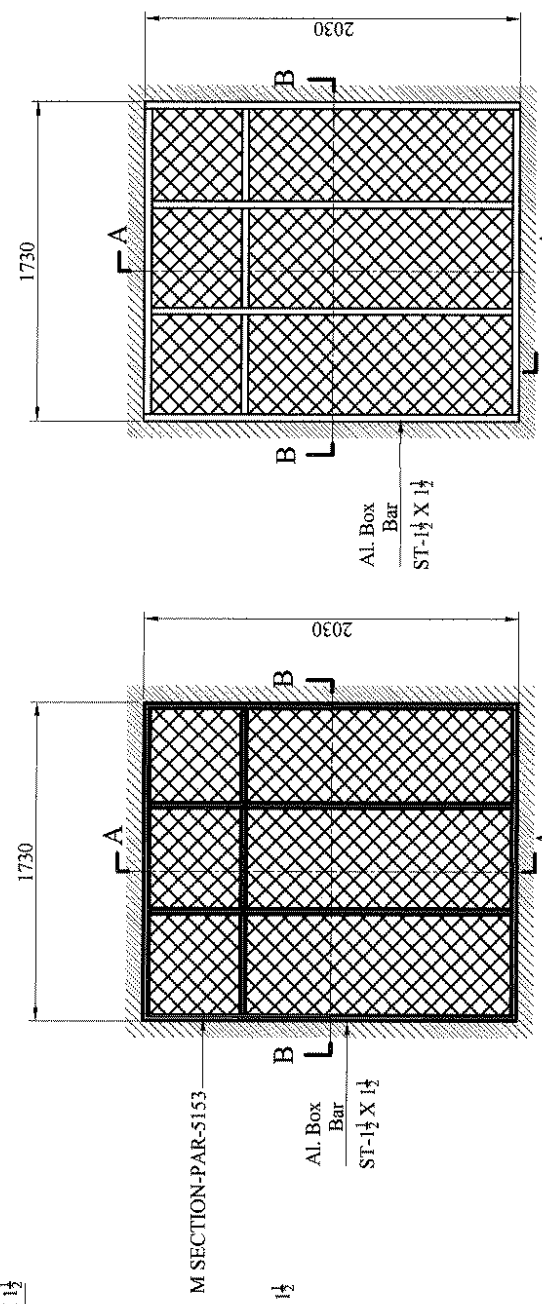
FL 1



USED SECTIONS  
 ST-1½ X 1½, TA-1X1 OR SIMILAR SECTIONS.  
 THESE SECTIONS CAN BE "ALCO" BRAND OR EQUIVALENT.

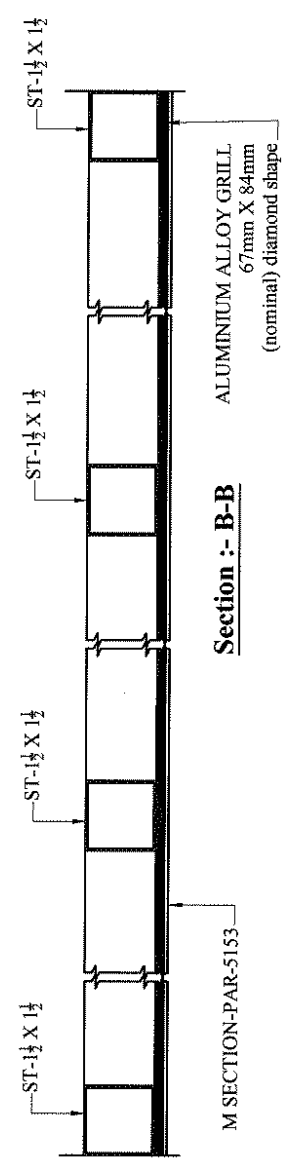


**Section :- A-A**



**Elevation Outside**

**Elevation Inside**



**Section :- B-B**

**Section - 9**

**STANDARD FORMS (BID)**

- *Bidders shall submit the completed Form of Bid Security/Bid Securing Declaration as appropriate in compliance with the requirements of the bidding documents.*

## FORM OF BID SECURITY

.....  
*[Insert issuing agency's name and address of issuing branch or office]*

**Beneficiary: Director,  
General Hospital (Teaching),  
Peradeniya**

**Date:** ..... [Insert (by issuing agency) date]

**BID GUARANTEE NO.:** ..... [Insert (by issuing agency) number]

We have been informed that ..... *[Insert (by issuing agency) name of the bidder]* (Hereinafter called “**the Bidder**”) has submitted to you its bid dated ..... [Insert (by issuing agency) date] (Hereinafter called “**the Bid**”) for **Construction of Upper Floor of Laundry Building for Gymnasium for General Hospital (Teaching), Peradeniya (Contract No: .....)** under Invitation for Bids No. .... (“**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 on 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 to refuse to execute the Contract Form, if required, or (ii) fails to refuse to furnish a 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 the Performance Security issued to you by the Bidder; or
- (b) If the Bidder is not the successful bidder, upon the earlier of
- (c) Our receipt of a copy of your notification to the Bidder that the bidder was unsuccessful, otherwise it will remain in force up to 28 days beyond the validity of the bid. (.....)

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

.....  
*[Signature of authorized representative(s)]*

## **Non-collusion Affidavit**

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.

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

# Check List for Bidders

Bidders are advised to fill the following table:

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