



HIGH COMMISSION OF INDIA

BIDDING DOCUMENT

FOR

**REPAIR WORKS OF EXISTING BUILDINGS, CONSTRUCTION OF 60'X20'
CLASSROOM BUILDING, BOUNDARY WALL, MAIN GATE, WATER SUPPLY
SYSTEM AND ASSOCIATED WORKS AT THALANGAHA SARASWATHI T.V.,
THALALGAHAWATHTHA, UDUGAMA**

CONTRACT NO: COL/DC/228/03/2018 - 9

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Invitation for Bids
High Commission of India
Grant Number: COL/DC/228/03/2018 – 9

**Repair works of Existing Buildings, Construction of 60'x20' Classroom Building,
Boundary wall, Main Gate, Water supply system and associated works at Thalangaha
Saraswathi T.V., Thalalgahawaththa, Udugama**

1. The Counsellor (Development Cooperation), on behalf of the High Commission of India invites sealed bids from eligible and qualified bidders for **Repair works of Existing Buildings, Construction of 60'x20' Classroom Building, Boundary wall, Main Gate, Water supply system and associated works at Thalangaha Saraswathi T.V., Thalalgahawaththa, Udugama** at an estimated cost of **Rs. 23 Million**.
2. Scope of works include the Construction works but not limited to Earthwork, Masonry, Concrete, Doors and Windows, Finishes, Roof work, Electrical and Plumbing, etc. and Total Construction period is **365** calendar days.
3. **Counsellor (Development of Cooperation) on behalf of the High Commission of India, Colombo** now invites sealed bids from eligible and qualified bidders for construction of the above under National Competitive Bidding procedure. **Since the Total Cost Estimate of this procurement is below Rs. 50 Million, regional preference and CIDA grade preference shall apply as stipulated in Public Finance Circular No. 04/2016(ii).**
4. The technical bid (Original & Duplicate) and the financial bid (Original & Duplicate) documents should be sealed by the bidder in separate covers duly super scribed and these four sealed covers are to be put in a bigger cover which should also be sealed and duly super scribed.
5. To be eligible for contract award, the successful bidder shall not have been blacklisted and shall meet the requirements of CIDA registration as above or its equivalent.
6. Qualification requirements are indicated in the Bidding document. Additional details are provided in the Bidding Data & Contract Data.
7. The Bidding Documents can be seen on Mission's website www.hcicolombo.org.
8. A complete set of Bidding Documents in English language may be purchased by interested bidders from the Project Officer (Development Cooperation), High Commission of India, 36-38, Galle Road, Colombo-03 from **26 October 2020 to 10 November 2020** between 09:30 hrs to 16:00 hrs, upon payment of a non refundable fee of Rs. 5,000.00 in cash. The bidding documents may also be downloaded free of cost from Mission's website www.hcicolombo.gov.in.
9. Pre Bid meeting will be held at the Conference Hall, High Commission of India, 36-38, Galle Road, Colombo-03 commencing at **11:00 Hrs on 06 November 2020**
10. Site Visit will be notified on the day of Pre bid meeting on **06 November 2020**
11. Bids shall be submitted by hand to the **Project Officer (Development Cooperation), High Commission of India, 36-38, Galle Road, Colombo-03** on or before **15:00 hrs on 16 November 2020** Late bids will be rejected. Technical bids will be opened at **15:30 hrs on the 16 November 2020** at the High Commission of India in the presence of the bidders' representatives who choose to attend.
12. Bidders or their authorized representatives are requested to be present at the opening of bids.

13. Each bidder shall provide the name and contact details of an individual to act as a point of contact during the tender process. That person may be asked to clarify the bid to provide additional information during the evaluation process.
14. The High Commission of India, Colombo shall provide a copy of all questions and answers provided during the tendering process to all bidders.
15. Only communications that are in writing from the High Commission of India, Colombo may be considered as properly authorized expressions on the Mission's behalf.
16. In submitting a bid to the Mission, the bidder will be deemed to have understood this bidding document, obtained all requisite information and verified the correctness of any information to be relied upon.
17. In submitting a bid to the Mission, the bidder will be deemed to be fully informed and to have accepted the terms and conditions outlined in this bid document.
18. The bidding company and its sister company or subsidiary should not bid separately in the same bid. A certificate to this effect should be given by the bidding company at the time of bidding.
19. The decision of High Commission of India in deciding the eligibility of the company to take part in the tender process is final.
20. The Mission reserves the right to accept or reject any or all Bid(s) and to annul the bidding process, at any time, thereby rejecting all bids, prior to any Contract being awarded.
21. The High Commission of India, Colombo reserves the right to clarify without restriction with bidders on any matter contained in the bids, without disclosing this to any other person.
22. The bidders should note that in the event of Contract having been awarded, the contractor will not assign in whole or in part its rights or obligations without the prior approval of the Mission.
23. The contract will also include provisions for the bidding company to adhere to all local laws applicable. The contract will also include provisions of *Force Majeure*, termination of contract, consequences of termination and re-tendering after termination of contract.
24. Any dispute or difference regarding the interpretation of the provisions of the Agreement/Contract shall be resolved amicably between the parties. If the dispute is not resolved through mutual consultations within a period of six months, either party may refer the dispute to arbitration in accordance with the Arbitration & Conciliation Act 1996 of India as amended from time to time. The number of arbitrators shall be one and that the place of arbitration shall be New Delhi, India. In such a situation the applicable law will be the law of India. The language of the Tribunal shall be English. The cost shall be borne by the parties equally unless otherwise determined by the Arbitral Tribunal.
25. The Bids shall be valid for 120 days from the date of closing of bids or any extended period. All bids shall be accompanied by a Bid Security as Clause 16.2 of the Bidding Data.
26. Preference will be given to those who are not currently handling more than two projects awarded by the High Commission.

Counsellor (Development Cooperation)
High Commission of India,
36-38, Galle Road,
Colombo -03

Section 1

Instructions to Bidders (ITB)

Instructions to Bidders

Instructions to Bidders that will be applicable for this bid is given in Section I of the Standard Bidding Document for Procurement of Works, CIDA publication NO: ICTAD/SBD/01, Second Edition, January 2007, Published by the Construction Industry Development Authority (CIDA)

Instructions to Bidders shall be read in conjunction with Bidding Data

All conditions and the content of CIDA Publication No. ICTAD/SBD/01*(Second Edition– January 2007)* **is valid for this bid**, unless otherwise amended, substituted or added by “Section V – Bidding Data & Contract Data” of this document.

(Refer CIDA Publication No. ICTAD/SBD/01 – Second Edition– January 2007, Pages from 07 to 19)

Section II

Standard Forms [Contract]

Notes on form of Letter of Acceptance

The letter of Acceptance will be the basis for formation of the contract as described in Clause 33 of the Instructions to Bidders. This form of Letter of Acceptance should be filled in and sent to the successful bidder only after evaluation of Bids and after obtaining approval from the relevant Authority.

Letter of Acceptance

Date 20...

To:

This is to inform you that your bid (Ref No) dated 20.. for the for the Contract price of SLR [Sri Lankan Rupees], as corrected, in accordance with Instructions to Bidders, is hereby accepted.

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

3. You are hereby instructed to submit a performance security of 5% of initial contract price within 14 days on receipt of this Letter of Acceptance. The performance security shall be in the form of Bank Guarantee from a reputed Commercial Bank operating in Sri Lanka or Construction Guarantee Fund. The Performance Security shall be in favour of the High Commission of India, Colombo and valid till20.....

4. The site possession date shall be within 14 days from the date of the Letter of Acceptance. The Contract Period shall be sixteen (16) months from the date of signing of contract.

5. You may contact Secretary, Ministry of Education to make arrangements for taking over the site in order to commence the Works.

6. This Letter of Acceptance and your Bid will form a binding contract until the formal contract is signed.

Authorized Signature:

Name and title of Signatory :

Counsellor (Development Cooperation)

Name of Agency : High Commission of India, Colombo.

STANDARD FORM: AGREEMENT

This AGREEMENT, made the ----- [day] day of -----[month] 20----- [year] between -----[name and address of Employer] (hereinafter called “the Employer”) of the one part, and ----- [name and address of Contractor] (hereinafter called “the Contractor”) of the other part.

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

NOW THIS AGREEMENT WITNESSETH as follows:

1. In this Agreement, words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to, and they shall be deemed to form and be read and construed as part of this Agreement.
2. In consideration of the payments to be made by the Employer to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Employer to execute and complete the Works and remedy any defects therein in conformity in all respects with the provisions of the Contract.
3. The Employer hereby covenants to pay the Contractor in consideration of the execution and completion of the Works and the remedying of defects wherein the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

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

.....
Authorized signature of Contractor

.....
Authorized signature of Employer

In the presence of:

Witnesses :

1. Name and NIC No.
Signature
Address
2. Name and NIC No.
Signature
Address

**FORM OF PERFORMANCE SECURITY
(Unconditional)**

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

Beneficiary: The Counsellor, High Commission of India

Date: -----

PERFORMANCE GUARANTEE No.: -----

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

Furthermore, we understand that, according to the conditions of the Contract, a performance guarantee is required.

At the request of the Contractor, we ----- *[name of Agency]*
hereby irrevocably undertake to pay you any sum or sums not exceeding in total an amount of -----
----- *[amount in figures]* (-----) *[amount in words]*,
upon receipt by us of your first demand in writing accompanied by a written statement stating that
the Contractor is in breach of its obligation(s) under the Contract, without your needing to prove or
to show grounds for your demand or the sum specified therein.

This guarantee shall expire, no later than the -----day of -----, 20---- *[insert date, 60 days
beyond the Intended Completion Date]* and any demand for payment under it must be received by us
at this office on or before that date.

[signature(s)]

FORM OF ADVANCE PAYMENT SECURITY

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

Beneficiary: The Counsellor, High Commission of India

Date: -----

ADVANCE PAYMENT GUARANTEE No.: -----

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

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

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

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

This guarantee shall expire on -----[Insert the date, 60 days beyond the Intended
Completion Date]

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

[signature(s)]

Section III

Conditions of Contract (CoC)

Conditions of Contract (CoC)

Conditions of contract will be applicable for this bid which is given in Section III of the Standard Bidding Document for Procurement of Works, CIDA publication NO: ICTAD/SBD/01, Second Edition, January 2007, Published by the Construction Industry Development Authority(CIDA)conditions of contract shall be read in conjunction with Contract Data

All conditions and the content of CIDA Publication No. ICTAD/SBD/01*(Second Edition – January 2007)* **is valid for this bid and / or contract**, unless otherwise amended, substituted or added by “Section V -Bidding Data & Contract Data” of this document.

Conditions of Contract shall be read in conjunction with the “Section V – Bidding Data & Contract Data” in this Document.

Note:

The ICTAD Document referred to in Sections 1 & 3 above will not be issued with this Document.

The bidders are advised to purchase this document from
Construction Industry Development Authority
(CIDA), “Savsiripaya”, No.123, Wijerama Mawatha, Colombo 07.

Section IIIA
Special Conditions of Contract

SPECIAL TENDER CONDITIONS

1. The bidders are advised to visit the site (with prior permission from the Principal of the College) and get a clear understanding of the work site before bidding.

2. The bidders shall note that the site for the works is situated in a premises where hundreds of Students and taking part in educational activities.

3. NOISE AND VIBRATION CONTROL MINIMIZE NOISE:

(a) Take all practicable precautions to minimize noise resulting from work under the contract. Fit all construction equipment with noise suppressors and use so that noise is minimized.

(b) Under mentioned condition shall be included in the Tender documents as “The Contractor should take steps to ensure that the smooth functioning of the College won’t be disturbed during the entire construction period within the premises.”

4. DISPOSAL OF REFUSE

Remove refuse from the site (including food scraps and the like) resulting from work under the contract. Handle refuse in a manner so as to confine the material completely and prevent dust emission. The site shall be left clean and tidy on completion of the contract.

Unless otherwise specified contractor should hand over the usable materials to the Employer during the demolition work and all the care should be taken to remove such item without any damages.

5. DUST CONTROL

Restrict dust and windblown sand caused by the works as required.

6. TRUCKING

Convey soils, earth, sand, loose debris, and similar loose materials to or from the site in a manner that will prevent dropping of materials on footpaths and streets. Ensure that the wheels, tracks and body surfaces of all vehicles and plant leaving the site are free of mud. Ensure that no motor vehicle leaves the site loaded with any material unless it is locked in a manner which prevents the discharge or dropping of any of the materials.

Ensure that a cleanup is performed on a daily basis or as required along the route taken by the trucks.

7. EXISTING BUILDING ADJOINING THE PROPOSED BUILDING

Adequately protect from damage Buildings, grass and other plants and trees which need not be removed or destroyed for construction operations, or which are shown on the drawings and /or specified to be retained, or which are beyond the limits allowed to the contractor as shown or specified.

8. TEMPORARY FENCE

Enclose the areas defined in CONTRACTOR’S SITE AREAS with a temporary man proof security fence with adequate gates. Remove on completion and make good the grounds.

9. SAFETY

Priced quoted for item should be included with all necessary costs of provisions for safety of materials, workmen, visiting parties from consultant and client. Also the price quoted for items should be included with all necessary costs of provisions to keep the site clean at all times preventing sources and places for mosquito breeding and preventing measures for spreading disease from the site.

Section IV
Form of Bid and Qualification Information

Form of Bid

Name of Contract: **Repair works of Existing Buildings, Construction of 60'x20' Classroom Building, Boundary wall, Main Gate, Water supply system and associated works at Thalangaha Saraswathi T.V., Thalalgahawaththa, Udugama**

Contract No: COL/DC/228/03/2018 - 9

To: The Counsellor, High Commission of India

Gentleman,

1. Having examined the Standard Bidding Document - Procurement of Works [ICTAD/SBD/01 - Second Edition, January 2007], Conditions of Contract, Specifications, Drawings, Schedules 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, Schedules and addenda no.....for the sum of Sri Lankan Rupees..... (LKR) or such other sums as may be ascertained in accordance with the said Conditions.

2. We acknowledge that the Contract Data forms part of our Bid.

3. We undertake, if our Bid is accepted, to commence the Works as stipulated in the Contract Data, and to complete the whole of the Works comprised in the Contract within the time stated in the Contract Data.

4. We agree to abide by this Bid for the period of **91 Days** from the date fixed for receiving or any extended period and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

5. Unless and until a formal agreement is prepared and executed this Bid, together with your written acceptance thereof, shall constitute a binding contract between us.

6. We accept / we do not accept the Adjudicator.

7. We understand that you are not bound to accept the lowest or any Bid you may receive.

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

(IN BLOCK CAPITALS)

Signature :

Name :

Designation :

COMPANY SEAL

Address :

Witness :

Qualification Information

ICTAD Registration	
Registration number	<i>(attach copies of relevant pages from the registration book)</i>
Grade	
Specialty	
Expiry Date	
Blacklisted Contractors	
Have you been declared as a defaulted contractor by NPA or any other Agency?	
IF yes provide details	
VAT Registration Number	
Construction Program	<i>(attach as annex)</i>
Legal status	<i>(attach relevant status copies, as annex)</i>
Value of Construction works performed in last 5 years	<i>(attach copies of Certificate of Completion etc. and other documents such as profit-loss and income expenditure statement)</i>
Year	
Year	
Year	
Year	
Year	
Value of similar works completed in last 10 years (indicate only the three largest projects) - As per Format 1	1. Value Year 2. Value Year 3. Value Year <i>(attach copies of Certificate of Completion etc., as annex)</i>
Value of work in hand As per Format 2	Rs:.....
Major items of construction equipment proposed	1. type Capacity 2. type Capacity 3. type Capacity 4. type Capacity 5. type Capacity
Qualification and experience of key staff – Site & Head Office (Permanent, Contract basis & Consultants) As per Format 3	Technical: 1. 2. 3.
	Managerial: 1. 2. 3.
Other information requested under ITB Clause 4.1	

Format -1

Works of Similar Nature Completed- (Since)

Name and Location of Project	Description of Work	Name, Address, Contract no & Client Name	Nature of Work	Value of Work	Date of Commencement	Date of Completion

Format - 2

Work in Hand (As on 21 days prior to Last Date of Close of Bid)

Name of the Client	Nature of Work	Value of Contract	Scheduled Date of Completion	Value of work Completed	Value of outstanding construction work

Format - 3

Qualification and experience of key staff – Site & Head Office

(a) Professional Staff

Name	Proposed Position	Qualification and Date of Achievement(Attached copies of Certificates)	No. of years of Post Qualification Experience	Engagement with Company (Permanent/Part Time)

(b) Technical Staff

Name	Proposed Position	Qualification and Date of Achievement(Attached copies of Certificates)	No. of years of Post Qualification Experience	Engagement with Company (Permanent/Part Time)

Section V

Bidding Data and Contract Data

Bidding Data

Instructions to Bidders

Clause Reference	
(1.1)	<p>The Employer is</p> <p>Name: High Commission of India</p> <p>Address: No. 36-38, Galle Road, Colombo 03</p> <p>The works consists of Repair works of Existing Buildings, Construction of 60'x20' Classroom Building, Boundary wall, Main Gate, Water supply system and associated works at Thalangaha Saraswathi T.V., Thalalgahawaththa, Udugama</p>
(1.2)	Intended Completion Date is 365 calendar days
(1.3)	<p>The office for collection of bid forms is Project Officer High Commission of India Colombo 03</p> <p>The non-refundable fee is Rupees <u>Rs. 5,000.00</u></p> <p>The Bid forms will be issued until 10 November 2020</p> <p>The bidding documents may also be downloaded free of cost from Mission's website www.hcicolombo.gov.in.</p>
(2.1)	The source of funds is Government of India
(4.2)	<p>The registration required Specialty-Building Construction</p> <p>Grade- C4 and C6 of the ICTAD (presently CIDA) registration</p> <p>The <u>Successful Bidder</u> should be registered in terms of the Public contract Act no.3 of 1987 prior to the contract award</p>
(4.3)	<p>The following information shall be provided in Section 4:</p> <p>* ICTAD (Now CIDA) Registration; Registration number Grade</p>

	<p>Specialty</p> <p>Expiry Date</p> <ul style="list-style-type: none"> * VAT Registration number and certificated copy should be attached * Construction Programme * Business Registration * Audited Accounts for Last 5 Years(2019-2015) to prove annual turnover * Legal Status (Sole proprietor, Partnership, Company etc.) * Power of Attorney from Board of Directors or Board of Resolution for signatory * Authentication for signatory by Affidavit * Total monetary value of construction work performed for each of the last five years; * One similar work value not less than 80% of the project value or two similar work value not less than 50% of the project value or three similar work value not less than 40% of the project value. * Works in hand * Major items of construction equipment proposed to carry out the Contract; * Qualifications and experience of key site management and technical personnel proposed for the Contract; * any other <p>Note:</p> <p>1. Bids will be evaluated in two stages. Technical bids will be evaluated initially. Financial bids of the technically qualified bidders will be evaluated.</p> <p>2. Failure to submit above document, bid will be treated as None responsive and rejected</p>
(4.4)	<ul style="list-style-type: none"> * Average of the annual volume of construction work (Annual Turnover) performed in the last five years shall be at least Rs.35Million * Experience in the construction of at least one contract of a nature and complexity equivalent to the Works over the last 5 years (to comply with this requirement, works cited should be at least 70 percent completed); * Following technical and managerial Staff: <ul style="list-style-type: none"> • Engineer 01 no. (Part time) - B.Sc (Civil) with 05 years experience • Technical officer 02 nos. having of NDT(Civil) or equivalent with 05years experience or NCT (civil) or equivalent with 10years experience *The minimum amount of liquid assets and/or credit facilities net of other contractual commitments and exclusive of any advance payments which may be made under the contract shall be not less than Rs.10Million. Credit/Overdraft facility should be issued by the Bank exclusively for this project
(9.1)	Employer's address for the purpose of clarification is

	Name: The Counsellor Address: High Commission of India No. 36-38, Galle Road, Colombo 03 Telephone :0112422788 Fax:0112446403
(11.1)	The language of the bidding document shall be English
(13.3)	VAT component shall not be included in the rates. The amount written in the Form of Bid shall be without VAT. However VAT component shall be shown separately at the end of the BOQ.
(13.4)	The Contract is not subjected to price adjustment.
(15.1)	The Bid shall be valid 120 days from opening of bids
(16.1)	Bid shall include a Bid Security using the form included in Section 9
(16.2)	Bid Security shall be: <ul style="list-style-type: none"> for an amount <u>Rs.461,870.29</u> Valid until 30 April 2021 (165 days from opening of bids) Issued by a commercial bank operating in Sri Lanka and approved by the Central Bank of Sri Lanka in favour of the The Counsellor, High Commission of India, No. 36-38, Galle Road, Colombo 03 using the form for bid security (unconditional guarantee) included in Section 9, Standard Forms
(17.0)	Pre Bid meeting - venue High Commission of India, Colombo 03 date 06 November 2020 time 11pm
(19.2)a	The Employer's address for the purpose of Bid submission is High Commission of India No. 36-38, Galle Road, Colombo 03
(19.2)b	Contract Name: Repair works of Existing Buildings, Construction of 60'x20' Classroom Building, Boundary wall, Main Gate, Water supply system and associated works at ThalangahaSaraswathi T.V., Thalalghawaththa, Udugama

	Contract no. COL/DC/228/03/2018 - 9
(20.1)	The deadline for submission of Bids shall be 16 November 2020
(34.0)	Amount of Performance Security required is 5% of the Initial Contract Price valid up to 60 days beyond the retention period, issued by a reputed commercial bank operating in Sri Lanka approved by Central Bank. The form acceptable is the one that given in the section II of this document
(36.0)	<p>Modified as per rules of Government of India</p> <p>Any dispute or difference regarding the interpretation of the provisions of the Agreement/Contract shall be resolved amicably between the parties. If the dispute is not resolved through mutual consultations within a period of six months, either party may refer the dispute to arbitration in accordance with the Arbitration & Conciliation Act 1996 of India as amended from time to time. The number of arbitrators shall be one and that the place of arbitration shall be New Delhi, India. In such a situation the applicable law will be the law of India. The language of the Tribunal shall be English. The cost shall be borne by the parties equally unless otherwise determined by the Arbitral Tribunal.</p>

Contract Data

(1.1)	<p>Employer is: High Commission of India</p> <p>Address: No.36-38, Galle Road, Colombo 03</p> <p>Employer's Representative: Ministry of Education</p> <p>Address : Ministry of Education Isurupaya, Battaramulla</p>
	<p>Engineer is:</p> <p>Project Engineer (Southern Province)</p> <p>Address : Project Engineer's Office (NSBS) „NSBS' Project, Ruhuna National College of Education, Walahandoowa, Galle. TP. 091-2228421</p>
(1.1)	<p>The works consists of</p> <p>Repair works of Existing Buildings, Construction of 60'x20' Classroom Building, Boundary wall, Main Gate, Water supply system and associated works at Thalangaha Saraswathi T.V., Thalalgahawaththa, Udugama</p>
(1.1)	<p>The Site is located at Thalangaha Saraswathi T.V., Thalalgahawaththa, Udugama</p>
(1.1)	<p>The Start Date shall be 14Days from the Letter of Acceptance</p>
(8.1)	<p>None</p>
(9.1)	<p>Schedule of Key Personal</p> <ul style="list-style-type: none"> • Engineer 01 no. (Part time) - B.Sc (Civil) with 05 years experience • Technical officer (02 nos.) having of NDT(Civil) or equivalent with 05years experience or NCT (civil) or equivalent with 10 years experience
(13.1)	<p>The minimum insurance covers shall be :</p> <p>(a) • The minimum cover for insurance of the Works and of Plant and Materials is 110% of Initial Contract Price</p>

	<ul style="list-style-type: none"> The maximum deductible for insurance of the Works and of Plant and Materials is 5% of Initial Contract Price <p>(b) • The minimum cover for loss or damage to Equipment is 100% of equipment cost</p> <ul style="list-style-type: none"> The maximum deductible for insurance of Equipment is 5% of minimum cover for equipment. <p>(c) • The minimum cover for insurance of other property (other than the Site) is Rs. 5,000,000.00</p> <p>(d) The minimum cover for personal injury or death,</p> <ul style="list-style-type: none"> for third party and employees of the Employer and other persons engaged by the Employer in the Works Rs.1,000,000.00 per event
(13.2)	<p>a) The minimum cover for personal injury or death,</p> <ul style="list-style-type: none"> for the Contractor's workmen is Rs.1,000,000.00 per event Contractor's employees other than workmen is Rs.1,000,000.00 per event
(17.1)	The Intended Completion Date for the whole of Works shall be 365 calendar days
(21.1)	The Site Possession Date shall be 14 Days from Letter of Acceptance
(27.1)	The Contractor shall submit a programme for the Works within 14 Days of delivery of the Letter of Acceptance.
(27.3)	The period between Programme update is Monthly
(27.4)	The amount to be withheld for late submission of a Programme is Rupees Fifteen Thousand
(35.1)	The Defects Liability Period is 365 Days .
(42.3)	Minimum amount of Interim payment Certificate shall be SLR 5 million.
(47.1)	The Contract Price is not subjected to price adjustment
(48.1)	The retention from each payment shall be 10% of the certified work done. The limit of retention shall be 5% of the Initial Contract Price.
(48.3)	Not Applicable (Retention Money Guarantee)
(49.1)	The liquidated damages for the whole of the Works shall 0.08% of the Initial Contract price per Day.
(50.1)	The maximum amount of liquidated damages for the whole of the Works shall be 10% of the Initial Contract Price.

(51.1)	<p>Modified as per rules of Government of India</p> <p>An interest-bearing mobilization advance may be paid to the contractor exclusively for the costs of mobilization at 10 % of the contract price on the provision by the contractor of an unconditional Bank Guarantee (BG). Such BG shall remain effective until the advance payment has been fully repaid, but the amount thereof shall be progressively reduced by the amount repaid by the contractor, as indicated in the interim payment certificates (IPCs). The advance will be paid in two installments, each of 5%. The first installment may be paid on commencement of the work against an unconditional BG in respect of the advance. The second installment may be paid on certification by the engineer of the contractor's having achieved a financial progress of 10% of the contract price, as also provision of a BG by the contractor for this part of the advance. Mobilization expenditure mentioned herein shall not include the margin money and bank commission, and so on, paid by the contractor for procurement of BGs against performance security and mobilization advance. A simple interest @ 10% will be charged on the mobilization advance.</p> <p>Advance Payment Security shall be issued by an agency acceptable to Employer using the form for Advance Security (unconditional guarantee) included in Section 05 Standard Forms and it should be valid for 60 Days beyond the Intended Completion Date and shall be in favour of Counsellor (Development Cooperation), High Commission of India, Colombo.</p> <p>The agencies acceptable to Employer are:</p> <ul style="list-style-type: none"> • A commercial bank operating in Sri Lanka approved by Central Bank of Sri Lanka; • a bank based in another country but the guarantee "confirmed" by a bank operating in Sri Lanka approved by Central Bank of Sri Lanka • Construction Guarantee Fund.
(52.1)	<p>The Performance Security shall be 5% of the Initial Contract Price Valid up to 60 days beyond the retention period, issued by a reputed commercial bank operating in Sri Lanka approved by the Central Bank on the format issued with the bidding document.</p>
(60.1)	<p>The percentage to apply to the value of the work not completed, representing the Employer's additional cost for completing the Works, is 25% of Initial Contract price.</p>
(63.7)	<p>The attendance fee payable to the Contractor on nominated sub contract work shall not exceed 8%</p>

Section VI

Specifications

General Specifications

1. Specification for Building works – Volume I – ICTAD publication No. SCA/4/1
3rd Edition (Revised) – 2004 July
2. Specification for Building works – Volume II Sanitary Installations – ICTAD
publication No. SCA/4/II
2nd Edition (Revised) – 2001 October
3. Specification for Water Supply & Sewerage and Storm Water Drainage works–
ICTAD publication No. SCA/3/2
2nd Edition (Revised) – 2002 April
4. Specification for Electrical and Mechanical works associated with Buildings & Civil
Engineering –ICTAD publication No. SCA/8
2nd Edition (Revised) – 2000 August

Section VII

Bills of Quantities

	<p>A - NOTES</p> <p>This Bill of quantities are contained with numbered pages in consecutive order. Therefore, please check to see that no page is missing, nor any in duplicate &. that all TRADES are carried to SUMMARY at the end of this Bills of Quantities.</p> <p>A₁ - Extent of work.</p> <p>The extent of work to be carried out shall consist of the following:-</p> <ul style="list-style-type: none"> a) Proposed Construction of buildings, repair works, etc. b) All other work as specified or shown in drawings. <p>A₂ - Specifications:</p> <p>All items of work are to be strictly as shown in drawings accordance with and read in conjunction with the Sri Lanka specification for Building works (ICTAD Publications).</p> <p>A₃ - Inspection of site:</p> <p>Tenderers are requested to visit the site & acquaint themselves with all existing conditions & with the nature & extent of work to be done under this contract.</p> <p><u><i>As no extras will be allowed on the plea of want of information due to neglect on their part in this regard.</i></u></p> <p>A₄ - Materials</p> <p>Sand : River Sand & granite metal to be used for all concrete works</p> <p>A₅ - Trades Names</p> <p>Where trade names, brands and / or catalogue numbers are referred to sole preference to any material or equipment is not intended. Any other material or equipment may be used, provided that the characteristics of type, quality, appearance, finish, method of construction and / or performance is not less than specified and provided also that <u><i>approval is first obtained.</i></u></p>
	<p>A₆ - Method of Measurement :-</p> <p>This Bill of Quantities has been prepared generally in accordance with:-</p> <ul style="list-style-type: none"> (a) The principles of the Standard method of measurements for building works in Sri Lanka (SLS : 573 : 1999)

	<p>A₇ - Rates for all items shall be inclusive of the following:</p> <p>(a) All supply of materials labour, Plant, Scaffolding, Waste, and Incidental Materials, Fixing media, Cartage, Hoisting, and Fitting & Fixing complete.</p> <p>(b) Providing holes, chasings etc. as directed for electrical installation & all other services, making good the same as when such installations are provided.</p> <p>(c) Providing samples, Specimens etc. for such items of work as required.</p> <p>(d) All overheads & profits except where otherwise stated.</p> <p>(e) Testing of all building materials and Mechanical, Electrical and Plumbing System.</p> <p>(f) Furnishing monthly 3 sets of photograph for the building under construction, from three locations identified by the Engineer.</p> <p>(g) All Protective and safety measures shall be taken in compliance with relevant standards and regulations.</p> <p>(h) Carry out the works carefully with adequate protection in order to avoid any damage to the existing building during the repair works.</p> <p>(i) Providing security and safeguarding the works, material and plant against damage, vandalism and trespass.</p> <p>Electrical Installations;</p> <p>(j) All Electrical installation shall be done according to the IET wiring regulations – 17th edition (BS7671:2008 incorporating amendment number 3:2015).</p> <p>(k) All MCCB, RCD, MCB and isolators shall be European, Japanese or equivalent.</p> <p>(l) All types of fans shall be approved quality and shall have minimum one year warranty period.</p> <p>(m) Ceiling fans shall be complied with the SLS 814 and shall have cut off safety switch and safety wire provided to prevent detachment of fan motor from the rod.</p> <p>(n) All types of LED lamp fittings should have minimum Two years warranty period.</p> <p>(o) Samples of all materials shall be approved by the Engineer prior to installation.</p>
	<p>A₈ - Measurement</p> <p>Tenderers are to note that the measurements are taken absolutely net, unless otherwise stated and they must, therefore, allow in their prices for all straight cutting & waste, laps, etc. throughout even through not specifically mentioned.</p>
	<p>A₉- Discrepancies:</p> <p>Any discrepancies in Drawings, Specifications, Bills of Quantities or any other documents</p>

shall be brought to the notice of the employer *before bidding*.

A₁₀ - Payments.

Payments shall be made on actual quantity of work carried out at the site as per contract. The quantities set out in the Bill of Quantities are provisional and cover the approximate scope of the work, which is anticipated to be performed by the Contractor. The actual quantities used for final measurement purposes will be determined by the Engineer by measurement of the work completed by the Contractor.

The attention of the tenderer is drawn to the requirements of the contract, the specifications and any other particulars of the tender. It is the tenderers responsibility to see that his prices include for complying with all the requirements of the conditions of contract and any other documents whether specifically referred to in the Bill of Quantities or not.

Day Work

The cost of labour included in a sum shall include wages, bonuses, all allowances paid to operatives directly engaged on day works and overhead& profit. the actual payments made to the work people concerned.

The cost of materials included in a sum shall be the net invoiced price, including delivery to site, loading, unloading material and overhead& profit.

The cost of constructional plant included in a sum shall include fuel, consumable stores, repairs, maintenance, insurance of plant and overhead& profit.

Item No:	Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
1	Mason	Hr.	1		
2	Carpenters	Hr.	1		
3	Joiner	Hr.	1		
4	Bar Bender	Hr.	1		
5	Welder	Hr.	1		
6	Electrician	Hr.	1		
7	Painter	Hr.	1		
8	Aluminium Fabricator	Hr.	1		
9	Glazier (Glass fixing)	Hr.	1		
10	Tiler	Hr.	1		
11	Plumber	Hr.	1		
12	Machine Operator	Hr.	1		
13	Un Skilled worker	Hr.	1		
14	Cement (50Kg bag)	Bag	1		
15	River Sand	Cube	1		
16	Slacked Lime(50Kg bag)	Bag	1		
17	Metal 20mm	Cube	1		
18	Metal 25mm	Cube	1		
19	Reinforcing steel High Yield Steel (fy=425 N/mm2)	Kg	1		
20	Reinforcing steel Mild Street (fy=250 N/mm2)	Kg	1		
21	Rubble 150 – 225mm	Cube	1		
22	Wire cut bricks (1000 Nos.)	Nr.	1		
23	Common Bricks (1000 Nos.)	Nr.	1		
24	Imported earth	Cube	1		
25	Query dust	Cube	1		
26	Imported timber for carpentry work- (Malaysian seasoned to treated)	Ft ³	1		
27	Imported timber for joinery work (- Ditto-)	Ft ³	1		

28	Local timber for carpentry work (- Ditto-)	Ft ³	1		
Item No:	Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
29	Local timber for Joinery work(-Ditto-)	Ft ³	1		
30	Plywood for lining etc.	Sqr.	1		
31	Plywood for formwork	Sqr.	1		
32	Local timber for Temporary work(- Ditto-)	Sqr.	1		
33	Driver with vehicle up to 14 ton	Hr.	1		
34	Operator with Excavation Dragline, Shovel or Crane	Hr.	1		
35	Operator with Tractor (Tracked) with Dozer blade or Ripper	Hr.	1		
36	Concrete Mixer	Hr.	1		
37	Concrete Pump	Hr.	1		
38	Plate Compactor	Hr.	1		
39	Poker Vibrator	Hr.	1		
40	Air Compressor	Hr.	1		
41	Compressed Air Operated Breaker (Heavy duty)	Hr.	1		
42	Operator with Mobile Crane	Hr.	1		
43	Operator with Tipper Truck	Hr.	1		
44	Operator with Baby Dumper	Hr.	1		
45	Operator with Truck Mixers (Concrete transporters)	Hr.	1		
46	Water Pumps	Hr.	1		
47	Welding plant	Hr.	1		
	Operator with Excavator, face shovel or dragline				
48	a. Up to and including 1 cu.m	Hr.	1		
49	b. Over 1 cu.m but not over 2 cu.m	Hr.	1		
50	c. Over 02 cu.m	Hr.	1		
51	Operator with Tractor (tracked) including bull or angle dozer	Hr.	1		
	Generator				
52	a. Up to and including 150 KW	Hr.	1		
53	b. Over 150, 200 KW	Hr.	1		
54	c. Over 200, 250 KW	Hr.	1		
	Operator with Tractor with Trailer				
55	a. 3.0 m ³ capacity	Hr.	1		
56	b. 2.0 m ³ capacity	Hr.	1		
	Operator with Front End Loader / Mechanical Shovel				
57	a. 1.0m ³ to 2.0 m ³ capacity	Hr.	1		

Section VIII

Drawings

List of Drawings

SN.	Description	Drawing No.
1	Single door 900mmx2100mm	SPES/T/97-1 of 18/02/97
2	Sliding Window 1200x1200mm	SPEST/T/03/10 OF 03/12/2003
3	Section of GI pipe electrode	
4	Window	SPES/T/03/09-03/12//2003
5	Double door 1500mm x 2100mm	
6	Classroom building elevation, section, plan, foundation, door window details	
7	Boundary wall detail	
8	Retaining wall detail	
9	Toilet type 12 plan	
10	Toilet type 12 foundation	
11	Toilet type 12 floor plan	
12	Septic tank	

Section IX

Standard Forms (Bid)

FORM OF BID SECURITY

[this Guarantee form shall be filled in accordance with the instructions indicated in brackets]

----- *[insert issuing agency's name, and address of issuing branch or office]*

Beneficiary: The Counsellor, High Commission of India, Colombo 03

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

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

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

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

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

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

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

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

CHECK LIST FOR BIDDERS

BIDDERS ARE ADVISED TO FILL THE FOLLOWING TABLE:

ITEM	ITB Clause	YES (tick)	REFERENCE
Form of Bid			
Addressed to the Employer?	18		
Completed?	18		
Signed?	18		
Bid Securing Declaration Form(If required)			
Properly filled and signed	16		
Bid Security (If required)			
Addressed to the Employer?	16		
Format as required ?	16		
Issuing Agency as specified?	16		
Amount as requested?	16		
Validity 45 days beyond the validity of Bid?	16		
Qualification Information			
All relevant information completed?	4		
Signed?	4		
Addendum			
Contents of the addendum (if any) taken in to account?	10		
BID package			
All the documents given in ITB Clause 12 enclosed in the original and Copy?	12		
ITB Clause 19 followed before Sealing the Bid Package?	19		

Bills of Quantities for Repair works of Existing Buildings, Construction of 60'x20' Classroom Building, Boundary wall, Main Gate, Water supply system and associated works at Thalangaha Saraswathi T.V., Thalalghawaththa, Udugama					
Item no	Description of work	Unit	Qty	Rate(Rs.)	Amount (Rs.)
	PRELIMINARIES				
A-01	Allow lump sum for providing a Performance Guarantee and Mobilization Advance Guarantee.	P.sum			55,000.00
A-02	Allow lump sum for Insurance of Property, Material, Equipment ,Works at site, third party Employer's personnel, property at site and against accidents and injury to workmen.	P.sum			25,000.00
A-03	Allow lump sum for the Construction management services and Supervisory services as per the contract	Item	1.00		
A-04	Allow lump sum for constructing, maintaining and dismantling on completion of the works a temporary site office of adequate size including toilets, electricity & water services for the Engineer's staff , Contractor's site management staff . Engineers staff allocate space for the furniture and sanitary facilities.	Item	1.00		
A-05	Allow lump sum for constructing, maintaining and dismantling on completion of the works buildings to be used as workshops and stores for perishable materials and plant to the approval of the Engineer.	Item	1.00		
A-06	Allow lump sum for providing of name board, (Size 8'-0x4''-0), complete to the approval of the Engineer.	Item	1.00		
A-07	Allow lump sum for carrying out tests including concrete test cubes,tests and approvals.	Item	1.00		
A-08	Allow lump sum for Providing water for use	Item	1.00		
A-09	Allow lump sum for Providing electricity for use	Item	1.00		
A-10	Allow lump sum for provision of As -built. Drawing etc.	Item	1.00		

Item no	Description of work	Unit	Qty	Rate(Rs.)	Amount (Rs.)
A-11	Allow lump sum for necessary protective fencing , dust screen, dust sheets, temporary hoarding, barricade, netting, protection screen etc. with warning signs and in compliance with relevant standards and regulations.	Item	1.00		
A-12	Allow lump sum for removal of all temporary works, rubbish and debris and cleaning up site on completion, leaving all in good order and handing over.	Item	1.00		
	Total Amount carried to summary				

Bills of Quantities for Repair works of Existing Buildings, Construction of 60'x20' Classroom Building, Boundary wall, Main Gate, Water supply system and associated works at Thalangaha Saraswathi T.V., Thalalgahawaththa, Udugama

Item	Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
	<u>1. 80' x 20' BUILDING No.1 (MAIN HALL)</u>				
	DEMOLITIONS				
1.1	Removing and stacking Door or Window, from existing walls	m ²	13.10		
1.2	Removing and stacking Valance, Barge board materials and clearing debris away in single storied building	m	70.00		
1.3	Removing and stacking PVC gutter, eave gutter, from roofs of single storied buildings	m	50.00		
1.4	Removing and stacking PVC Down pipes, old or decayed, from existing building	m	28.00		
1.5	Demolishing cement grills and clearing debris away.	m ²	6.82		
1.6	Dismantling 01 Nr Lamp point / 01 Nr Socket outlet / 01 Nr ceiling fan point - including all wiring , conduits, accessories..etc	nr	25.00		
	MASONRY WORKS				
1.7	Brickwork 4 1/2" thick in cement mortar 1:5 G/F	m ²	6.80		
	FLOOR/WALL/CEILING FINISHES				
1.8	Plastering 5/8 " thick Cement, lime & sand 1:1:5 finished smooth with lime putty (Ground floor)	m ²	6.80		
1.9	Cement Sand plastering to wall 1:5, (5/8") thick semi rough Ground floor rate to include curing	m ²	6.80		
1.10	Ceiling , asbestos, flat, fixed with clout headed nails to (96 x47mm) joists @ 1200 mm c/c & (50 x 50 mm) bearers @ 600 mm c/c of Imported timber including 2" x ½" cover fillets & 1½ "x 1½" Mouldings Applying one coat primer & two coat enamel paint to beading & moulding (class II timber) & two coats emulsion paint to Sheets (rate to include applying wood preservative, use 11/2 Brass screws for moulding & Beading)	m ²	115.00		

Item	Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
1.11	Asbestos eaves Ceiling , flat, fixed with clout headed nails to 50 x 50mm joists @ 600 mm c/c & 50 x 50 mm bearers of Imported timber including 1 1/2" x1/2" cover fillets & 1 1/2"x1 1/2" Moulding Applying two coats emulsion to Ceiling Sheet & two coat enamel paint to beading & moulding & wood preservative for timber frame.	m ²	70.00		
	ROOF COVERING/ROOF PLUMBING				
1.12	10" x 3/4 " Boards , barge , valance, fascia, 3/4 thick in class II local (Ginisapu) timber fixed complete with necessary new 2" Brass screws including one coat of primer & two coats of enamel painting	m	70.00		
	METAL WORK				
1.13	Aluminium bronze anodized glazed and panelled double sash door 1500X2100 mm overall consisting 76X32 mm members in frame and 45 mm thick members with glazing beading in sash including rubber gaskets single channel lock handle 100X75 mm Aluminium hinges 150mm barrel bolts 5 mm thick clear Glass 4 mm thk composite panel sheet... etc. supplied fabricated and fixed as per detail drawing ,Rate to include for necessary screws, pop rivets, binking sealer etc. (To be fixed on External walls)	m ²	9.70		
1.14	Aluminium bronze anodized glazed and panelled door type D2 1200X2100 mm overall consisting 76X32 mm members in frame and 45 mm thick members with glazing beading in sash including rubber gaskets single channel lock handle 100X75 mm Aluminium hinges 150mm barrel bolts 5 mm thick clear Glass 4 mm. composite panel sheet etc. Rate to include for necessary screws, pop rivets, binding sealer etc. (To be fixed on External walls)	m ²	3.45		

Item	Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
	ELECTRICAL INSTALLATIONS				
1.15	Supply and fixing 16" sweep wall fan with 5 Amp socket outlet, semi concealed wiring (1/1.13 wire 1.0mm2, 7/0.67 earth wire 2.5mm2) all complete as per instruction. Make KDK or approved equivalent with warranty (SLSI Approved makes) [Cable SLS 733, Switch SLS 1000]	nr	4.00		
1.16	Supply and fixing 56" sweep ceiling fan with electronic fan speed controller concealed conduit wiring (1/1.13 wire 1.0mm2, 7/0.67 earth wire 2.5mm2 including one gang switch) all complete as per instruction (Make KDK or approved equivalent with warranty) (SLSI Approved makes) [Cable SLS 733, Switch SLS 1000]	nr	1.00		
1.17	Providing a Fan point wired with 2x1 sqmm 1C/Cu/PVC/PVC+ 2.5 sqmm 1C/Cu/PVC Earth and 5 Amp single pole switch excluding the cost of Fan Regulator and including a switch	nr	5.00		
1.18	Fixing available ceiling fans with necessary repairs	nr	5.00		
1.19	Supply and fixing 5 Amp Socket outlet with necessary concealed conduit wiring all complete as per instruction (Orange / Kevilton / Krypton/ACL or approved equivalent) [Cable SLS 733, Switch SLS 1000]	nr	4.00		Deleted
1.20	Supply and fixing 13 Amp Socket outlet with necessary concealed conduit wiring [7/0.67 PVC Single wire (2.5mm2) x2 , 7/0.67 Earth Wire (2.5 mm2)] all complete as per instruction (Orange / Kevilton / Krypton/ ACL or approved equivalent) [Cable SLS 733, Switch SLS 1000]	nr	8.00		
1.21	Supply and fixing 15 Amp Socket outlet with necessary concealed conduit wiring [7/0.67 PVC Single wire (2.5mm2) x2 , 7/0.67 Earth Wire (2.5 mm2)] all complete as per instruction (Orange / Kevilton / Krypton/ACL or approved equivalent) [Cable SLS 733, Switch SLS 1000]	nr	2.00		

Item	Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
1.22	Supply and fixing 3 x 600 mm (18 W x 3) Parabolic reflectors louvers type Fluorescent lamp and 01 gang switch ...etc, complete with necessary wiring as per working order. (Approved Quality fittings Kevilton, Orange, ACL Switch & Bulb Osram, Philips, Orange or equivalent with Approved Quality Electronic Ballast) [Cable SLS 733, Switch SLS 1000]	nr	16.00		
1.23	Supply and fixing. Angel/Batten lamp including 15W /14W CFL Bulb with 01 No.1 Gang approved quality switch including necessary wiring as per working order. (Makes fittings polychrome / SPI / Kevilton, Switch Krypton/Orange/Kevilton/ & Bulb Polychrome /Kevilton or approved equivalent) [Cable SLS 733, Switch SLS 1000 Bulb SLS 1231]	nr	6.00		
1.24	Supplying and fixing consumer unit 10 way surface mounted M.C.B type (incl.32 Amp. D.P MCB,40 Amp/30 mA-D.P RCCB, 10 nrs M.C.B (6 Amp.-16 Amp.)900 encloser box & bus bar) (Make - Hager / ETN/LS Aklen 10KA (RKN-B)/ Orange industrial 10KA or approved equivalent)	nr	1.00		
1.25	Supplying and fixing 2"x2"x2/4" Angle iron bracket for main supply electricity connection about 5'-0" long. Angle iron bar, bent to " L" shape and fixed to roof end with necessary bolt and nut. Apply two coats of anticorrosive paint to angle iron.	nr	1.00		
1.26	Supplying and fixing Ceramic pulley with "D" bracket for Electricity connection. (all complete as per instructions)	nr	1.00		
1.27	Supplying and fixing 2" dia galvanized iron earth pipe 6'-0"(1800 mm) long (heavy duty) and connected the 7/1.04 earth wire (6mm ²) with cable LUG . Including brick chamber with cover slab as per Drawing. (DB to Earth pipe cable/ conduit length 8 m) [Cable SLS 733]	nr	1.00		
1.28	Supplying & fixing 7/1.04(6mm ²) , 2 core (single phase main wire) & 7/1.04(6mm ²) earth wire , incl: PVC trunking (casing)all complete as per instruction [ACL, Kelani, Orange or approved equivalent - Cable SLS 733]	m	30.00		

Item	Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
	PAINTING				
1.29	weathershield paint to external faces of wall two coat (ground Floor)	m ²	200.00		
1.30	Prepare and Painting New or Old walls with two coats of emulsion paint to internal wall	m ²	198.00		
1.31	Applying 2 coats of approved quality Emulsion paint to ceiling sheets & 2 coats of enamel paint to beading & moulding, (for existing ceiling). Ground floor	m ²	39.50		
1.32	Preparing of surface & applying two coats of enamel paint to grill	m ²	9.00		
1.33	Painting plinth and skirting with floor paint, two coats including preparing surface	m ²	28.00		
	Total Amount carried to summary				
	<u>2. 80' x 20' BUILDING No. 2</u>				
	DEMOLITIONS				
2.1	Remove carefully existing Aluminium partition and refixing after construction	Item	1.00		
2.2	Chipping rendering, cement, and clearing debris away from brick walls and floors	m ²	77.00		
2.3	Removing and stacking Valance, Barge board materials and clearing debris away in single storied building	m	74.00		
2.4	Removing and stacking tiles Calicut or half round, from roof of singles storied buildings	m ²	250.00		
2.5	Removing 2" x 1" reepers , 2" x 2" battens ,stacking at site and clearing debris away	m	200.00		
2.6	Removing 2" x 4" rafters , stacking at site and clearing debris away in single storied building	m	110.00		
2.7	Dismantling 01 Nr Lamp point / 01 Nr Socket out let / 01 Nr ceiling fan point - including all wiring, conduits, accessories..etc	nr	28.00		
	ROOF COVERING/ROOF PLUMBING				
2.8	100 x 50 mm rafters Imported timber supplied & fixed new with iron nails	m	110.00		
2.9	2"X 1"(50 x 25mm) Imported timber Reapers supplied & fixed new or renewed with iron nails	m	200.00		
2.10	Applying two coat of clear wood preservatives to roof timber frame	m ²	250.00		
2.11	Supplying approved quality calicut tile to site for damage tiles	nr	200.00		
2.12	Tiles Calicut pattern laid in any building (tiles available at site and supplied tiles)	m ²	250.00		

Item	Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
2.13	Ridging, Calicut pattern, bedded in cement and lime mortar 1:1:4, colour to match tiles	m	27.00		
2.14	Flashing or plaster bands laid over tiles 4" to 6" wide on roof in 1:1:4 cement , lime and sand mortar colour to match tiles	m	60.00		
2.15	10" x 3/4 " Boards , barge , valance, fascia, 3/4 thick in class II local (Ginisapu) timber fixed complete with necessary new 2" Brass screws including one coat of primer & two coats of enamel painting	m	74.00		
	FLOOR/WALL/CEILING FINISHES				
2.16	Ceiling , asbestos, flat, fixed with clout headed nails to (96 x47mm) joists @ 1200 mm c/c & (50 x 50 mm) bearers @ 600 mm c/c of Imported timber including 2" x 1/2" cover fillets & 1 1/2 "x 1 1/2" Mouldings Applying one coat primer & two coat enamel paint to beading & moulding (class II timber) & two coats emulsion paint to Sheets (rate to include applying wood preservative, use 1 1/2 Brass screws for moulding & Beading)	m ²	79.00		
2.17	Asbestos eaves Ceiling , flat, fixed with clout headed nails to 50 x 50mm joists @ 600 mm c/c & 50 x 50 mm bearers of Imported timber including 1 1/2" x1/2" cover fillets & 1 1/2"x1 1/2" Moulding Applying two coats emulsion to Ceiling Sheet & two coat enamel paint to beading & moulding,& wood preservative for timber frame	m ²	74.00		
2.18	600 x 600 mm Ceramic tiles with all specials supplying and fixing to floors including raking plaster 1:2 and bedding in Tile Mortar(Switeck/ tokyo supper) & pointed with tile grout. (Use Lanka tiles or approved equivalent) for office room and I.T. room	m ²	77.00		
2.19	Tile skirting 100mm high with Nickel tile Beadings and all specials supplying and fixing to walls including raking plaster and bedding in cement mortar 1:2 & pointed with tile grout.(Use Lanka Ceramic 600 x 600 tiles - Heavy duty or approved equivalent)	m	47.50		

Item	Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
	METAL WORK				
2.20	Steel class room doors repaired and refixing as per instructions	Item	1.00		
	ELECTRICAL INSTALLATIONS				
2.21	Supply and fixing 13 Amp Socket outlet with necessary concealed conduit wiring [7/0.67 PVC Single wire (2.5mm ²) x2 , 7/0.67 Earth Wire (2.5 mm ²)] all complete as per instruction (Orange / Kevilton / Krypton/ ACL or approved equivalent) [Cable SLS 733, Switch SLS 1000]	nr	18.00		
2.22	Supply and fixing 15 Amp Socket outlet with necessary concealed conduit wiring [7/0.67 PVC Single wire (2.5mm ²) x2 , 7/0.67 Earth Wire (2.5 mm ²)] all complete as per instruction (Orange / Kevilton / Krypton/ACL or approved equivalent) [Cable SLS 733, Switch SLS 1000]	nr	2.00		
2.23	Supply and fixing 56" sweep ceiling fan with electronic fan speed controller concealed conduit wiring (1/1.13 wire 1.0mm ² , 7/0.67 earth wire 2.5mm ² including one gang switch)all complete as per instruction (Make KDK or approved equivalent with warranty) (SLSI Approved makes) [Cable SLS 733, Switch SLS 1000]	nr	3.00		
2.24	Providing a Fan point wired with 2x1 sqmm 1C/Cu/PVC/PVC+ 2.5 sqmm 1C/Cu/PVC Earth and 5 Amp single pole switch excluding the cost of Fan Regulator and including a switch	nr	3.00		
2.25	Fixing available ceiling fans with necessary repairs	nr	3.00		
2.26	Supply and fixing 13 Amp Socket outlet with necessary concealed conduit wiring [7/0.67 PVC Single wire (2.5mm ²) x2 , 7/0.67 Earth Wire (2.5 mm ²)] all complete as per instruction (Orange / Kevilton / Krypton/ ACL or approved equivalent) [Cable SLS 733, Switch SLS 1000]	nr	10.00		

Item	Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
2.27	Supply and fixing. Angel/Batten lamp including 15W /14W CFL Bulb (Minimum four stars with 18 months warranty) 01 No.1 Gang approved quality switch including necessary wiring as per working order. (Makes fittings polychrome / SPI / Kevilton, Switch Krypton/Orange/Kevilton/ & Bulb Polychrome /Kevilton or approved equivalent) [Cable SLS 733, Switch SLS 1000 Bulb SLS 1231]	nr	6.00		
2.28	Supply and fixing 01 No. 14W/15W CFL lamp pendent type -(minimum four Star with 18 month warranty),10" dia. Conical type shade , with two way one gang switch Complete with necessary wiring as per working order. (Makes fittings polychrome / SPI / Kevilton, Switch Krypton/Orange/Kevilton/ & Bulb Polychrome /Kevilton or approved equivalent) [Cable SLS 733, Switch SLS 1000 Bulb SLS 1231]	nr	12.00		
2.29	Supplying and fixing consumer unit 10 way surface mounted M.C.B type (incl.32 Amp. D.P MCB,40 Amp/30 mA-D.P RCCB, 10 nrs M.C.B (6 Amp.-16 Amp.)900 encloser box & bus bar) (Make - Hager / ETN/LS Aklen 10KA (RKN-B)/ Orange industrial 10KA or approved equivalent)	nr	1.00		
2.30	Supplying and fixing 2"x2"x2/4" Angle iron bracket for main supply electricity connection about 5'-0" long. Angle iron bar, bent to " L" shape and fixed to roof end with necessary bolt and nut. Apply two coats of anticorrosive paint to angle iron.(all complete as per instructions)	nr	1.00		
2.31	Supplying and fixing Ceramic pulley with "D" bracket for Electricity connection	nr	1.00		
2.32	Supplying and fixing 2" dia galvanized iron earth pipe 6'-0"(1800 mm) long (heavy duty) and connected the7/1.04 earth wire (6mm ²) with cable LUG . Including brick chamber with cover slab as per Drawing. (DB to Earth pipe cable/ conduit length 8 m) [Cable SLS 733]	nr	1.00		

Item	Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
2.33	Supplying & fixing 7/1.04(6mm ²) , 2 core (single phase main wire) & 7/1.04(6mm ²) earth wire , incl: PVC trunking (casing)all complete as per instruction[ACL, Kelani, Orange or approved equivalent - Cable SLS 733] (as the single phase feeder from D.B. with earth	m	30.00		
	PAINTING				
2.34	weathershield paint to external faces of wall two coat (ground Floor)	m ²	186.00		
2.35	Prepare and Painting New or Old walls with two coats of emulsion paint to internal wall	m ²	219.00		
2.36	Applying 2 coats of approved quality Emulsion paint to ceiling sheets & 2 coats of enamel paint to beading & moulding, (for existing ceiling). Ground floor	m ²	77.00		
2.37	Preparing of surface & applying 2 coats of enamel paint to grill	m ²	22.00		
2.38	Painting plinth and skirting with floor paint, 2 coats including preparing surface	m ²	28.00		
2.39	Preparing of surface & applying 2 coats of enamel paint. (for doors)	m ²	9.73		
	Total Amount carried to summary				
	<u>3. 80' x 20' BUILDING No. 3</u>				
	DEMOLITIONS				
3.1	Roof removing tiles and timber, stacking serviceable materials and clearing debris in single storied buildings	m ²	270.00		
3.2	Dismantling 01 Nr Lamp point / 01 Nr Socket outlet / 01 Nr ceiling fan point - including all wiring , conduits, accessories..etc	nr	16.00		
	ROOF COVERING/ROOF PLUMBING				
3.3	Roof with calicut pattern tiles on Imported sawn timber frame, work complete with 150x50mm ridges, hips ,100x50 mm rafters, 150 x75 mm purlin,50 x 25 mm reepers.rate to include applying wood preservative ,tiling , ridging (bedded in cement and lime mortar 1:1:4, colour to match tiles). - for Truss Roof	m ²	270.00		

Item	Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
3.4	10" x 3/4 " Boards , barge , valance, fascia, 3/4 thick in class II local (Ginisapu) timber fixed complete with necessary new 2" Brass screws including one coat of primer & two coats of enamel painting	m	74.00		
	FLOOR/WALL/CEILING FINISHES				
3.5	Ceiling , asbestos, flat, fixed with clout headed nails to (96 x47mm) joists @ 1200 mm c/c & (50 x 50 mm) bearers @ 600 mm c/c of Imported timber including 2" x 1/2" cover fillets & 1 1/2 "x 1 1/2" Mouldings Applying one coat primer & two coat enamel paint to beading & moulding (class II timber) & two coats emulsion paint to Sheets (rate to include applying wood preservative, use 1 1/2 Brass screws for moulding & Beading)	m ²	115.00		
3.6	Asbestos eaves Ceiling , flat, fixed with clout headed nails to 50 x 50mm joists @ 600 mm c/c & 50 x 50 mm bearers of Imported timber including 1 1/2" x1/2" cover fillets & 1 1/2"x1 1/2" Moulding Applying two coats emulsion to Ceiling Sheet & two coat enamel paint to beading & moulding,& wood preservative for timber frame	m ²	68.50		
3.7	Plaster bands laid over tiles 4" to 6" wide on roof in 1:1:4 cement , lime and sand mortar colour to match tiles	m	60.00		
	METAL WORK				
3.8	Steel class room doors repaired and refixing as per instructions	Item	1.00		
	ELECTRICAL INSTALLATIONS				
3.9	Supply and fixing 13 Amp Socket outlet with necessary concealed conduit wiring [7/0.67 PVC Single wire (2.5mm ²) x2 , 7/0.67 Earth Wire (2.5 mm ²)] all complete as per instruction (Orange / Kevilton / Krypton/ ACL or approved equivalent) [Cable SLS 733, Switch SLS 1000]	nr	5.00		

Item	Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
3.10	Supply and fixing 15 Amp Socket outlet with necessary concealed conduit wiring [7/0.67 PVC Single wire (2.5mm ²) x2 , 7/0.67 Earth Wire (2.5 mm ²)] all complete as per instruction (Orange / Kevilton / Krypton/ACL or approved equivalent) [Cable SLS 733, Switch SLS 1000]	nr	1.00		
3.11	Providing a Fan point wired with 2 x 1 sqmm 1C/Cu/PVC/PVC+ 2.5 sqmm 1C/Cu/PVC Earth and 5 Amp single pole switch excluding the cost of Fan Regulator and including a switch	nr	4.00		
3.12	Fixing available 4 ceiling fans with necessary repairs	nr	4.00		
3.13	Supply and fixing 13 Amp Socket outlet with necessary concealed conduit wiring [7/0.67 PVC Single wire (2.5mm ²) x2 , 7/0.67 Earth Wire (2.5 mm ²)] all complete as per instruction (Orange / Kevilton / Krypton/ ACL or approved equivalent) [Cable SLS 733, Switch SLS 1000]	nr	5.00		
3.14	Supply and fixing. Angel/Batten lamp including 15W /14W CFL Bulb (minimum four star with 18 month warranty) 01 No.1 Gang approved quality switch including necessary wiring as per working order. (Makes fittings polychrome / SPI / Kevilton, Switch Krypton/Orange/Kevilton/ & Bulb Polychrome /Kevilton or approved equivalent) [Cable SLS 733, Switch SLS 1000 Bulb SLS 1231]	nr	6.00		
3.15	Supply and fixing 01 No. 14W/15W CFL lamp pendent type -(minimum four Star with 18 month warranty),10" dia. Conical type shade , with two way one gang switch Complete with necessary wiring as per working order. (Makes fittings polychrome / SPI / Kevilton, Switch Krypton/Orange/Kevilton/ & Bulb Polychrome /Kevilton or approved equivalent) [Cable SLS 733, Switch SLS 1000 Bulb SLS 1231]	nr	8.00		
3.16	Supplying and fixing consumer unit 6 way surface mounted M.C.B type (incl.32 Amp. D.P MCB,40 Amp/30 mA-D.P RCCB, 6 nrs M.C.B (6 Amp.-16 Amp.)900 enclosure box & bus bar) (Make - Hager / ETN/LS Aklen 10KA (RKN-B)/ Orange industrial 10KA or approved equivalent)	nr	1.00		

Item	Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
3.17	Supplying and fixing 2"x2"x2/4" Angle iron bracket for main supply electricity connection about 5'-0" long. Angle iron bar, bent to " L" shape and fixed to roof end with necessary bolt and nut. Apply two coats of anticorrosive paint to angle iron	nr	1.00		
3.18	Supplying and fixing Ceramic pulley with "D" bracket for Electricity connection	nr	1.00		
3.19	Supplying and fixing 2" dia galvanized iron earth pipe 6'-0"(1800 mm) long (heavy duty) and connected the 7/1.04 earth wire (6mm ²) with cable LUG . Including brick chamber with cover slab as per Drawing. (DB to Earth pipe cable/ conduit length 8 m) [Cable SLS 733]	nr	1.00		
3.20	Supplying & fixing 7/1.04(6mm ²) , 2 core (single phase main wire) & 7/1.04(6mm ²) earth wire , incl: PVC trunking (casing)all complete as per instruction[ACL, Kelani, Orange or approved equivalent - Cable SLS 733] (as the single phase feeder from D.B. with earth	m	30.00		
	PAINTING				
3.21	weathershield paint to external faces of wall two coat (ground Floor)	m ²	115.00		
3.22	Prepare and Painting New or Old walls with two coats of emulsion paint to internal wall	m ²	229.00		
3.23	Applying 2 coats of approved quality Emulsion paint to ceiling sheets & 2 coats of enamel paint to beading & moulding, (for existing ceiling). Ground floor	m ²	38.50		
3.24	Preparing of surface & applying 2 coats of enamel paint to grill	m ²	22.00		
3.25	Painting plinth and skirting with floor paint, 2 coats including preparing surface	m ²	28.00		
3.26	Preparing of surface & applying 2 coats of enamel paint. (for doors)	m ²	5.00		
	Total Amount carried to summary				
	<u>4. 80' x 20' BUILDING NO 4</u>				
	DEMOLITIONS				
4.1	Roof removing tiles and timber, stacking serviceable materials and clearing debris in single storied buildings	m ²	268.00		
4.2	Removing and stacking Door or Window, from existing walls	m ²	66.00		
4.3	Demolishing floors 3" thick brick paved, and clearing debris away including ramp.	m ²	204.00		
4.4	Demolishing drains and clearing debris	m	67.00		

Item	Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
4.5	Chipping rendering, cement, and clearing debris away from cement concrete floors and walls	m ²	12.70		
4.6	Dismantling 01 Nr Lamp point / 01 Nr Socket outlet / 01 Nr ceiling fan point - including all wiring , conduits, accessories..etc.	nr	16.00		
	ROOF COVERING/ROOF PLUMBING				
4.7	Roof with calicut pattern tiles on Imported sawn timber frame, work complete with 150x50mm ridges, hips ,100x50 mm rafters, 150 x75 mm purlin,50 x 25 mm reepers.rate to include applying wood preservative ,tiling , ridging (bedded in cement and lime mortar 1:1:4, colour to match tiles). - for Truss Roof	m ²	268.00		
4.8	10" x 3/4 " Boards , barge , valance, fascia, 3/4 thick in class II local (Ginisapu) timber fixed complete with necessary new 2" Brass screws including one coat of primer & two coats of enamel painting	m	74.00		
	FLOOR/WALL/CEILING FINISHES				
4.9	Ceiling , asbestos, flat, fixed with clout headed nails to (96 x47mm) joists @ 1200 mm c/c & (50 x 50 mm) bearers @ 600 mm c/c of Imported timber including 2" x ½" cover fillets & 1½ "x 1½" Mouldings Applying one coat primer & two coat enamel paint to beading & moulding (class II timber) & two coats emulsion paint to Sheets (rate to include applying wood preservative, use 11/2 Brass screws for moulding & Beading)	m ²	150.00		
4.10	Asbestos eaves Ceiling , flat, fixed with clout headed nails to 50 x 50mm joists @ 600 mm c/c & 50 x 50 mm bearers of Imported timber including 1 1/2" x1/2" cover fillets & 1 1/2"x1 1/2" Moulding Applying two coats emulsion to Ceiling Sheet & two coat enamel paint to beading & moulding,& wood preservative for timber frame	m ²	74.00		
4.11	Plaster bands laid over tiles 4" to 6" wide on roof in 1:1:4 cement , lime and sand mortar colour to match tiles	m	60.00		

Item	Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
4.12	1/2" thk 1:3 Cement Rendering including expansion joint ,-Ground floor	m ²	150.00		
4.13	Skirting in Cement mortar 1:3, 3/4" X 4" projected or flush with wall and including forming groove. (G: floor)	m	100.00		
	CONCRETE WORKS				
4.14	Cement concrete 1:2:4(3/4") (Gr.20 concrete) incl: curing and expansion joint.(for floor concrete)	m ³	11.25		
4.15	900 mm wide ramp with 225x150 mm drain in 1:2 1/2:5(25mm) concrete, 75 mm thick base of drain and ramp with 700 gauge polythene layer on earth surface after compaction and 115 mm thick bricks side walls in 1:5 ct.sd. including expansion joint each at 6000 mm intervals laterally and along the plinth using 6mm thick regiform and finished smooth with 12 mm thick rendering 1:3 ct. sd.	m	60.00		
4.16	750 mm wide ramp without drain in 1:3:6(40mm) concrete, 75 mm thick with 700 gauge polythene layer on earth surface after compaction including expansion joint each at 3000 mm intervals laterally and along the plinth using 6mm thick deiform and finished smooth with 12 mm thick rendering 1:3 ct. sd.	m	7.50		
4.17	12"x 6" drain in 1:2 1/2:5 (1") 3" thick ct. concrete, cement rendering, 1/2" thick, 1:2 cement sand motor with finished smooth incl Curing	m	10.00		
	METAL WORK				
4.18	Class room gate -Fabricating & fixing single hung gate, including 32 x 32 x 6 mm, 2 Nos. Angle iron verticals fixed to wall with brass screws, and inserting angle iron verticals 150 mm below floor level fixed with 1:2:4 (20 mm) concrete. Fabricating sash with 20 mm dia. G. I. pipe frame, including, 5.5 mm dia.m.s. rods welded to frame at 70° angle both ways. Horizontal and vertical distance should be 75 mm & 200 mm c/s respectively. Applying one coat of anticorrosive paint (red colour)and two coats of enamel paint Black or different colour	m ²	6.75		

Item	Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
4.19	Supplying and making M.S. grills for windows with 5.5 mm dia. M.S. rods welded to 12 x 6 mm thick M.S. flat iron frame welded, at 75 mm ctrs. & to 700angle both ways, horizontal & vertical distance should be 3" & 8" respectively, fixed to window frame with brass screws & applying one coats of Red anticorrosive paint & 2 coats of approved quality black clour enamel paint	m ²	58.50		
	ELECTRICAL INSTALLATIONS				
4.20	Supply and fixing 13 Amp Socket outlet with necessary concealed conduit wiring [7/0.67 PVC Single wire (2.5mm ²) x2 , 7/0.67 Earth Wire (2.5 mm ²)] all complete as per instruction (Orange / Kevilton / Krypton/ ACL or approved equivalent) [Cable SLS 733, Switch SLS 1000]	nr	5.00		
4.21	Supply and fixing 15 Amp Socket outlet with necessary concealed conduit wiring [7/0.67 PVC Single wire (2.5mm ²) x2 , 7/0.67 Earth Wire (2.5 mm ²)] all complete as per instruction (Orange / Kevilton / Krypton/ACL or approved equivalent) [Cable SLS 733, Switch SLS 1000]	nr	1.00		
4.22	Supply and fixing 56" sweep ceiling fan with electronic fan speed controller concealed conduit wiring (1/1.13 wire 1.0mm ² , 7/0.67 earth wire2.5mm ² including one gang switch)all complete as per instruction (Make KDK or approved equivalent with warranty) (SLSI Approved makes) [Cable SLS 733, Switch SLS 1000]	nr	3.00		
4.23	Providing a Fan point wired with 2 x 1 sqmm 1C/Cu/PVC/PVC + 2.5 sqmm 1C/Cu/PVC Earth and 5 Amp single pole switch excluding the cost of Fan Regulator and including a switch	nr	1.00		
4.24	Fixing available ceiling fans with necessary repairs	nr	1.00		
4.25	Supply and fixing 13 Amp Socket outlet with necessary concealed conduit wiring [7/0.67 PVC Single wire (2.5mm ²) x2 , 7/0.67 Earth Wire (2.5 mm ²)] all complete as per instruction (Orange / Kevilton / Krypton/ ACL or approved equivalent) [Cable SLS 733, Switch SLS 1000]	nr	5.00		

Item	Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
4.26	Supply and fixing. Angel/Batten lamp including 15W /14W CFL Bulb with 01 No.1 Gang approved quality switch including necessary wiring as per working order. (Makes fittings polychrome / SPI / Kevilton, Switch Krypton/Orange/Kevilton/ & Bulb Polychrome /Kevilton or approved equivalent) [Cable SLS 733, Switch SLS 1000 Bulb SLS 1231]	nr	6.00		
4.27	Supply and fixing 01 No. 14W/15W CFL lamp pendent type -(minimum four Star with 18 month warranty),10" dia. Conical type shade , with two way one gang switch Complete with necessary wiring as per working order. (Makes fittings polychrome / SPI / Kevilton, Switch Krypton/Orange/Kevilton/ & Bulb Polychrome /Kevilton or approved equivalent) [Cable SLS 733, Switch SLS 1000 Bulb SLS 1231]	nr	8.00		
4.28	Supplying and fixing consumer unit 6 way surface mounted M.C.B type (incl.32 Amp. D.P MCB,40 Amp/30 mA-D.P RCCB, 6 nrs M.C.B (6 Amp.-16 Amp.)900 encloser box & bus bar) (Make - Hager / ETN/LS Aklen 10KA (RKN-B)/ Orange industrial 10KA or approved equivalent)	nr	1.00		
4.29	Supplying and fixing 2"x2"x2/4" Angle iron bracket for main supply electricity connection about 5'-0" long. Angle iron bar, bent to " L" shape and fixed to roof end with necessary bolt and nut. Apply two coats of anticorrosive paint to angle iron	nr	1.00		
4.30	Supplying and fixing Ceramic pulley with "D" bracket for Electricity connection	nr	1.00		
4.31	Supplying and fixing 2" dia galvanized iron earth pipe 6'-0"(1800 mm) long (heavy duty) and connected the 7/1.04 earth wire (6mm ²) with cable LUG . Including brick chamber with cover slab as per Drawing. (DB to Earth pipe cable/ conduit length 8 m) [Cable SLS 733]	nr	1.00		

Item	Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
4.32	Supplying & fixing 7/1.04(6mm ²) , 2 core (single phase main wire) & 7/1.04(6mm ²) earth wire , incl: PVC trunking (casing)all complete as per instruction[ACL, Kelani, Orange or approved equivalent - Cable SLS 733] (as the single phase feeder from D.B. with earth	m	30.00		
	PAINTING				
4.33	weathershield paint to external faces of wall two coat (ground Floor)	m ²	130.00		
4.34	Prepare and Painting New or Old walls with two coats of emulsion paint to internal wall	m ²	225.00		
4.35	Preparing of surface & applying 2 coats of enamel paint to grill	m ²	5.00		
4.36	Painting plinth and skirting with floor paint, 2 coats including preparing surface	m ²	24.00		
	Total Amount carried to summary				
	<u>5. 60' x 20' BUILDING NO. 1</u>				
	DEMOLITIONS				
5.1	Removing and stacking Valance, Barge board materials and clearing debris away in single storied building	m	61.00		
5.2	Removing and stacking tiles Calicut or half round, from roof of singles storied buildings	m ²	207.00		
5.3	Removing 2" x 1" reepers , 2" x 2" battens ,stacking at site and clearing debris away in three storied building	m	100.00		
5.4	Removing 2" x 4" rafters , 4" x 3" wall plates , stacking at site and clearing debris away in single storied building	m	75.00		
5.5	Removing existing damage wall cupboard doors	Item	1.00		
5.6	Dismantling 01 Nr Lamp point / 01 Nr Socket outlet / 01 Nr ceiling fan point - including all wiring , conduits, accessories..etc	nr	12.00		
	ROOF COVERING/ROOF PLUMBING				
5.7	100 x 50 mm rafters Imported timber supplied & fixed new with iron nails	m	75.00		
5.8	2"X 1"(50 x 25mm) Imported timber Reapers supplied & fixed new or renewed with iron nails	m	100.00		
5.9	Applying two coat of clear wood preservatives to roof timber frame	m ²	207.00		

Item	Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
5.10	Tiles Calicut pattern laid in any building (tiles available at site)	m ²	207.00		
5.11	Ridging, Calicut pattern, bedded in cement and lime mortar 1:1:4, colour to match tiles	m	20.65		
5.12	Flashing or plaster bands laid over tiles 4" to 6" wide on roof in 1:1:4 cement , lime and sand mortar colour to match tiles	m	40.00		
5.13	10" x 3/4 " Boards , barge , valance, fascia, 3/4 thick in class II local (Ginisapu) timber fixed complete with necessary new 2" Brass screws including one coat of primer & two coats of enamel painting	m	61.00		
	FLOOR/WALL/CEILING FINISHES				
5.14	Ceiling , asbestos, flat, fixed with clout headed nails to (96 x47mm) joists @ 1200 mm c/c & (50 x 50 mm) bearers @ 600 mm c/c of Imported timber including 2" x 1/2" cover fillets & 1 1/2 "x 1 1/2" Mouldings Applying one coat primer & two coat enamel paint to beading & moulding (class II timber) & two coats emulsion paint to Sheets (rate to include applying wood preservative, use 1 1/2 Brass screws for moulding & Beading)	m ²	76.80		
5.15	Asbestos eaves Ceiling , flat, fixed with clout headed nails to 50 x 50mm joists @ 600 mm c/c & 50 x 50 mm bearers of Imported timber including 1 1/2" x1/2" cover fillets & 1 1/2"x1 1/2" Moulding Applying two coats emulsion to Ceiling Sheet & two coat enamel paint to beading & moulding,& wood preservative for timber frame	m ²	61.00		
5.16	300x300 mm Ceramic tiles for work tops with all specials supplying & fixing to top including raking plaster & bedding in 1:2 cement mortar & pointed with tile grout.(use lanka tile/ rocell or approved)	m ²	4.00		
	EXCAVATION AND EARTHWORK				
5.17	Supplying and inject Anti Termite Chemical for drilling floors manufacturer specification & instruction	m ²	150.00		
	CONCRETE WORKS				
5.18	Cement concrete 1:2:4(3/4") (Gr.20 concrete) incl: curing (for pantry cupboards and wall cupboards bottom concrete)	m ³	0.90		

Item	Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
5.19	1/2" thk 1:3 Cement Rendering , Ground floor Rate to include curing (for pantry cupboards and wall cupboards bottom concrete)	m ²	10.00		
	PLUMBING/SANITARY INSTALLATIONS				
5.20	Supply and fixed ceramic sink 19" x 14" x 8" for work top rate include waste cup, necessary brackets & screws etc.	nr	2.00		
5.21	Stop cocks, Plastic 1/2" supplied and fixed."S-lon"/Water Tech or approved equivalent	nr	2.00		
5.22	Supplied & fixed 1/2" swan neck tap(Desigle or approved) rate to include 450 mm long flexible hose, 1,2" angle valve c/p (Desigle or approved equivalent) with minimum two year warranty	nr	2.00		
	METAL WORK				
5.23	Aluminium Bronzed anodized wall cupboard door with 76x32 mm frame & 42 mm thick sash fully paneled using 4 mm thk composite panel including hinges,barral bolt, handle, magnetic latches and necessary revets, sealant screws etc. Rate include 25 mm thick jack timber shelf as required cupboard	m ²	13.20		
5.24	Pantry cupboard under work table, outer frame with 1 1/2" x 1" P.C.Alumunium box bar, and 1/2" x 1/2" Aluminium (P.C.) Angle fix to outer frame with rivets, Sash made of 1" x 1" Aluminium box bar, outer frame and 4mm thick composite panel sheet, including magnet, door handle,3" x 2" Aluminium (P.C.) hinges with screws. work complete as per the given instructions. Shelf made of 1" thick jack timber planks and Rate to include one coat of primer and 02 coat of enamel paint	m ²	9.75		
	ELECTRICAL INSTALLATIONS				
5.25	Supply and fixing 13 Amp Socket outlet with necessary concealed conduit wiring [7/0.67 PVC Single wire (2.5mm ²) x2 , 7/0.67 Earth Wire (2.5 mm ²)] all complete as per instruction (Orange / Kevilton / Krypton/ ACL or approved equivalent) [Cable SLS 733, Switch SLS 1000]	nr	4.00		

Item	Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
5.26	Supply and fixing 15 Amp Socket outlet with necessary concealed conduit wiring [7/0.67 PVC Single wire (2.5mm ²) x2 , 7/0.67 Earth Wire (2.5 mm ²)] all complete as per instruction (Orange / Kevilton / Krypton/ACL or approved equivalent) [Cable SLS 733, Switch SLS 1000]	nr	1.00		
5.27	Supply and fixing 56" sweep ceiling fan with electronic fan speed controller concealed conduit wiring (1/1.13 wire 1.0mm ² , 7/0.67 earth wire 2.5mm ² including one gang switch) all complete as per instruction (Make KDK or approved equivalent with warranty) (SLSI Approved makes) [Cable SLS 733, Switch SLS 1000]	nr	4.00		
5.28	Supply and fixing 13 Amp Socket outlet with necessary concealed conduit wiring [7/0.67 PVC Single wire (2.5mm ²) x2 , 7/0.67 Earth Wire (2.5 mm ²)] all complete as per instruction (Orange / Kevilton / Krypton/ ACL or approved equivalent) [Cable SLS 733, Switch SLS 1000]	nr	4.00		
5.29	Supply and fixing. Angel/Batten lamp including 15W /14W CFL Bulb with 01 No.1 Gang approved quality switch including necessary wiring as per working order. (Makes fittings polychrome / SPI / Kevilton, Switch Krypton/Orange/Kevilton/ & Bulb Polychrome /Kevilton or approved equivalent) [Cable SLS 733, Switch SLS 1000 Bulb SLS 1231]	nr	4.00		
5.30	Supply and fixing 01 No. 14W/15W CFL lamp pendent type -(minimum four Star with 18 month warranty),10" dia. Conical type shade , with two way one gang switch Complete with necessary wiring as per working order. (Makes fittings polychrome / SPI / Kevilton, Switch Krypton/Orange/Kevilton/ & Bulb Polychrome /Kevilton or approved equivalent) [Cable SLS 733, Switch SLS 1000 Bulb SLS 1231]	nr	6.00		

Item	Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
5.31	Supplying and fixing consumer unit 6 way surface mounted M.C.B type (incl.32 Amp. D.P MCB,40 Amp/30 mA-D.P RCCB, 6 nrs M.C.B (6 Amp.-16 Amp.)900 enclosure box & bus bar) (Make - Hager / ETN/LS Aklen 10KA (RKN-B)/ Orange industrial 10KA or approved equivalent)	nr	1.00		
5.32	Supplying and fixing 2"x2"x2/4" Angle iron bracket for main supply electricity connection about 5'-0" long. Angle iron bar, bent to " L" shape and fixed to roof end with necessary bolt and nut. Apply two coats of anticorrosive paint to angle iron.	nr	1.00		
5.33	Supplying and fixing Ceramic pulley with "D" bracket for Electricity connection.	nr	1.00		
5.34	Supplying and fixing 2" dia galvanized iron earth pipe 6'-0"(1800 mm) long (heavy duty) and connected the 7/1.04 earth wire (6mm ²) with cable LUG . Including brick chamber with cover slab as per Drawing. (DB to Earth pipe cable/ conduit length 8 m) [Cable SLS 733]	nr	1.00		
5.35	Supplying & fixing 7/1.04(6mm ²) , 2 core (single phase main wire) & 7/1.04(6mm ²) earth wire , incl: PVC trunking (casing)all complete as per instruction[ACL, Kelani, Orange or approved equivalent - Cable SLS 733] (as the single phase feeder from D.B. with earth	m	30.00		
	PAINTING				
5.36	weathershield paint to external faces of wall two coat (ground Floor)	m ²	136.00		
5.37	Prepare and Painting New or Old walls with two coats of emulsion paint to internal wall	m ²	232.00		
5.38	Applying 2 coats of approved quality Emulsion paint to ceiling sheets & 2 coats of enamel paint to beading & moulding, (for existing ceiling). Ground floor	m ²	37.50		
5.39	Preparing of surface & applying 2 coats of enamel paint to grill	m ²	8.50		
5.40	Painting plinth and skirting with floor paint, 2 coats including preparing surface	m ²	25.00		
5.41	Preparing of surface & applying 2 coats of enamel paint. (for doors)	m ²	9.50		
	Total Amount carried to summary				

Item	Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
	6. 30' x 20' LIBRARY BUILDING				
	DEMOLITIONS				
6.1	Removing and stacking Valance, Barge board materials and clearing debris away in single storied building	m	42.00		
6.2	Removing and stacking tiles Calicut or half round, from roof of singles storied buildings	m ²	112.00		
6.3	Removing 2" x 1" reepers , 2" x 2" battens ,stacking at site and clearing debris away in three storied building.	m	100.00		
6.4	Removing 2" x 4" stacking at site and clearing debris away in single storied building	m	80.00		
6.5	100 x 50 mm rafters Imported timber supplied & fixed new with iron nails	m	80.00		
6.6	2"x 1"(50 x 25mm) Imported timber Reapers supplied & fixed new or renewed with iron nails	m	200.00		
6.7	Dismantling 01 Nr Lamp point / 01 Nr Socket out let / 01 Nr ceiling fan point - including all wiring , conduits, accessories..etc	nr	6.00		
	ROOF COVERING/ROOF PLUMBING				
6.8	Applying two coat of clear wood preservatives to roof timber frame	m ²	112.00		
6.9	Tiles Calicut pattern laid in any building (tiles available at site)	m ²	112.00		
6.10	Ridging, Calicut pattern, bedded in cement and lime mortar 1:1:4, colour to match tiles	m	11.25		
6.11	10" x 3/4 " Boards , barge , valance, fascia, 3/4 thick in class II local (Ginisapu) timber fixed complete with necessary new 2" Brass screws including one coat of primer & two coats of enamel painting	m	42.00		
	FLOOR/WALL/CEILING FINISHES				
6.12	Asbestos eaves Ceiling , flat, fixed with clout headed nails to 50 x 50mm joists @ 600 mm c/c & 50 x 50 mm bearers of Imported timber including 1 1/2" x1/2" cover fillets & 1 1/2"x1 1/2" Moulding Applying two coats emulsion to Ceiling Sheet & two coat enamel paint to beading & moulding,& wood preservative for timber frame	m ²	40.00		

Item	Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
6.13	Flashing or plaster bands laid over tiles 4" to 6" wide on roof in 1:1:4 cement , lime and sand mortar colour to match tiles	m	30.00		
	ELECTRICAL INSTALLATIONS				
6.14	Supply and fixing 13 Amp Socket outlet with necessary concealed conduit wiring [7/0.67 PVC Single wire (2.5mm ²) x2 , 7/0.67 Earth Wire (2.5 mm ²)] all complete as per instruction (Orange / Kevilton / Krypton/ ACL or approved equivalent) [Cable SLS 733, Switch SLS 1000]	nr	2.00		
6.15	Supply and fixing 15 Amp Socket outlet with necessary concealed conduit wiring [7/0.67 PVC Single wire (2.5mm ²) x2 , 7/0.67 Earth Wire (2.5 mm ²)] all complete as per instruction (Orange / Kevilton / Krypton/ACL or approved equivalent) [Cable SLS 733, Switch SLS 1000]	nr	1.00		
6.16	Supply and fixing 56" sweep ceiling fan with electronic fan speed controller concealed conduit wiring (1/1.13 wire 1.0mm ² , 7/0.67 earth wire 2.5mm ² including one gang switch)all complete as per instruction (Make KDK or approved equivalent with warranty) (SLSI Approved makes) [Cable SLS 733, Switch SLS 1000]	nr	2.00		
6.17	Providing a Fan point wired with 2 x 1 sqmm 1C/Cu/PVC/PVC+ 2.5 sqmm 1C/Cu/PVC Earth and 5 Amp single pole switch excluding the cost of Fan Regulator and including a switch	nr	2.00		
6.18	Fixing available ceiling fans with necessary repairs	nr	2.00		
6.19	Supply and fixing 13 Amp Socket outlet with necessary concealed conduit wiring [7/0.67 PVC Single wire (2.5mm ²) x2 , 7/0.67 Earth Wire (2.5 mm ²)] all complete as per instruction (Orange / Kevilton / Krypton/ ACL or approved equivalent) [Cable SLS 733, Switch SLS 1000]	nr	2.00		
6.20	Supply and fixing. Angel/Batten lamp including 15W /14W CFL Bulb with 01 No.1 Gang approved quality switch including necessary wiring as per working order. (Makes fittings polychrome / SPI / Kevilton, Switch Krypton/Orange/Kevilton/ & Bulb Polychrome /Kevilton or approved equivalent) [Cable SLS 733, Switch SLS 1000 Bulb SLS 1231]	nr	4.00		

Item	Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
6.21	Supply and fixing 01 No. 14W/15W CFL lamp pendent type -(minimum four Star with 18 month warranty),10" dia. Conical type shade , with two way one gang switch Complete with necessary wiring as per working order. (Makes fittings polychrome / SPI / Kevilton, Switch Krypton/Orange/Kevilton/ & Bulb Polychrome /Kevilton or approved equivalent) [Cable SLS 733, Switch SLS 1000 Bulb SLS 1231]	nr	6.00		
6.22	Supplying and fixing consumer unit 4 way surface mounted M.C.B type (incl.32 Amp. D.P MCB,40 Amp/30 mA-D.P RCCB, 4 nrs M.C.B (6 Amp.-16 Amp.)900 encloser box & bus bar) (Make - Hager / ETN/LS Aklen 10KA (RKN-B)/ Orange industrial 10KA or approved equivalent)	nr	1.00		
6.23	Supplying and fixing 2"x2"x2/4" Angle iron bracket for main supply electricity connection about 5'-0" long. Angle iron bar, bent to " L" shape and fixed to roof end with necessary bolt and nut. Apply two coats of anticorrosive paint to angle iron	nr	1.00		
6.24	Supplying and fixing Ceramic pulley with "D" bracket for Electricity connection	nr	1.00		
6.25	Supplying and fixing 2" dia galvanized iron earth pipe 6'-0"(1800 mm) long (heavy duty) and connected the 7/1.04 earth wire (6mm ²) with cable LUG . Including brick chamber with cover slab as per Drawing. (DB to Earth pipe cable/ conduit length 8 m) [Cable SLS 733]	nr	1.00		
6.26	Supplying & fixing 7/1.04(6mm ²) , 2 core (single phase main wire) & 7/1.04(6mm ²) earth wire , incl: PVC trunking (casing)all complete as per instruction[ACL, Kelani, Orange or approved equivalent- Cable SLS 733] (as the single phase feeder from D.B. with earth	m	30.00		
	PAINTING				
6.27	weathershield paint to external faces of wall two coat (ground Floor)	m ²	88.00		
6.28	Prepare and Painting New or Old walls with two coats of emulsion paint to internal wall	m ²	69.00		

Item	Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
6.29	Applying two coats of approved quality Emulsion paint to ceiling sheets & 2 coats of enamel paint to beading & moulding, (for existing ceiling). Ground floor	m ²	57.00		
6.30	Preparing of surface & applying two coats of enamel paint to grill	m ²	8.00		
6.31	Painting plinth and skirting with floor paint, two coats including preparing surface	m ²	10.00		
6.32	Preparing of surface & applying two coats of enamel paint. (for doors)	m ²	5.00		
Total Amount carried to summary					
7. TEACHER QUARTERS No.01					
DEMOLITIONS					
7.1	Demolishing floors 3" thick brick paved, and clearing debris away including ramp	m ²	28.00		
7.2	Demolishing floor tiles, glazed and clearing debris	m ²	2.20		
7.3	Removing and stacking Valance, Barge board materials and clearing debris away in single storied building	m	39.00		
7.4	Removing squatting pan with plugging sewer connection and repairing wall and floor	nr	1.00		
7.5	Dismantling 01 Nr Lamp point / 01 Nr Socket outlet / 01 Nr ceiling fan point - including all wiring , conduits, accessories..etc	nr	8.00		
DRAINAGE					
7.6	750 mm wide ramp with 225x150 mm drain in 1:2 1/2:5(25mm) concrete, 75 mm thick base of drain and ramp with 700 gauge polythene layer on earth surface after compaction including expansion joint each at 3000 mm interval laterally and along the plinth using 6mm thick regiform and finished smooth with 12 mm thick rendering 1:2 ct. sd.	m	40.00		
7.7	9" x 9" drain in 3" thk,ct. con. 1:2 1/2:5 (1") cement rendering with 1:2,1/2" thick cement sand mortar.with finished smooth incl :Shuttering and Curing	m	10.00		
CONCRETE WORKS					
7.8	Concrete work table with 1:2:4(20mm) con. mixture 75mm thick R/F with 10mm dia twisted deform steel including shuttering	m ²	2.76		
FLOOR/WALL/CEILING FINISHES					
7.9	112.5mm thick brick pilaster with 1:5 cement mortar for work top	m ²	2.34		

Item	Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
7.10	12mm thk 1:3 Cement Rendering, Rate to include curing	m ²	4.68		
7.11	Floor tile supplying and laying. 300 x 300 mm approved quality & colour, including raking plaster bedding in cement mortar 1:2 and pointed with tile grout to match the tiles. (Use Lanka Ceramic tiles or approved equivalent)	m ²	3.22		
7.12	Wall Tiles glazed color 300x600mm with all specials, supplying and fixing to walls including raking plaster bedding in cement mortar 1:2 and pointed with tile grout to match the tiles. (Use Lanka tiles - Ceramic or approved equivalent)	m ²	2.76		
7.13	Non-skid pattern ceramic 8" x 8" tiles with all specials supplying and fixing to floors including raking plaster and bedding in cement mortar 1:2. (Use Lanka Ceramic tiles or approved equivalent)	m ²	2.10		
	PLUMBING/SANITARY INSTALLATIONS				
7.14	Supplying and fixing stainless steel kitchen sink (0.900X0.450 mm "Prince") with sawn neck tap 1/2" dia Nickel. ("desigal" or approved Quality) 1/2" flexible hose ("Spain" 18" long)... etc. All complete to working order	nr	2.00		
7.15	Stop cocks, Plastic 1/2" supplied and fixed."S-lon"/Water Tech or approved equivalent	nr	2.00		
7.16	supplied and fixed, PVC 1/2" Swan neck tap, (Water Tec) rate to include 450 mm long flexible hose " Water Tec" or approved equivalent	nr	2.00		
7.17	Supplying and fixing 1 1/2" dia. Waste water pipe (type 600) including all necessary fittings	m	6.00		
7.18	supplied and fixed Closet with footrest, squatting type(Large), with trap .(Squatting pan - yonta brand or approved equivalent)	nr	1.00		
7.19	supplied and fixed, PVC 1/2"bib tap, (Water Tec or approved equivalent)	nr	2.00		

Item	Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
7.20	Supplying & fixing 4"X ½" P.V.C. shower rose including 1/2 PVC vale socket (Water tech or approved equivalent)	nr	2.00		
7.21	Stop cocks, Plastic 1/2" supplied and fixed."S-lon"/Water Tech or approved equivalent	nr	2.00		
7.22	Supplying & fixing 150mm x150mm plastic Gully box with cover	nr	1.00		
	METAL WORK				
7.23	Pantry cupboard under work table, outer frame with 1 1/2" x 1" P.C. Alumunium box bar, and 1/2" x 1/2" Aluminium (P.C.) Angle fix to outer frame with rivets, Sash made of 1" x 1" Aluminium box bar, outer frame and 4mm thick composite panel sheet, including magnet, door handle, 3" x 2" Aluminium (P.C.) hinges with screws. work complete as per the given instructions. Shelf made of 1" thick jack timber planks and Rate to include one coat of primer and two coat of enamel paint	m ²	3.45		
7.24	Supplying and fixing Alfa or equivalent Aluminium door lock for toilet door	nr	1.00		
	CARPENTRY AND JOINERY				
7.25	Doors panelled with 4"x 3" frames and 1 1/8" - 1 1/4" sashes in Jack timber fixed complete with new furniture(3 nrs 4"x3" Butt hinges, 01 nr 12" skelton bolt, 01 nr 6" barrel bolt, Mortice lock...etc) (3' - 3" x 7' - 0" size)- Single hung door	m ²	1.65		
7.26	Window fully glazed "Jack timber" openable sash including Window ring, casement stay, casement fastener, 2 Nrs 4"x2" butt hinges, door ring ...etc excluding painting	m ²	0.50		
	ROOF COVERING				
7.27	Removing damage flashing and fixing Zn coated sheet - Flashing 1'-6" girth overall 3 times bent with end lap not less than 6" lead soldered, turned and tucked up to not less than 6" into o chase cut in wall and pointed in cement mortar 1:2 and dressed over roof covering not less than 1'-0" wide	m	12.20		

Item	Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
7.28	Asbestos eaves Ceiling , flat, fixed with clout headed nails to 50 x 50mm joists @ 600 mm c/c & 50 x 50 mm bearers of Imported timber including 1 1/2" x1/2" cover fillets & 1 1/2"x1 1/2" Moulding Applying two coats emulsion to Ceiling Sheet & two coat enamel paint to beading & moulding,& wood preservative for timber frame	m ²	35.00		
7.29	10" x 3/4 " Boards , barge , valance, fascia, 3/4 thick in class II local (Ginisapu) timber fixed complete with necessary new 2" Brass screws including one coat of primer & two coats of enamel painting	m	39.00		
	ELECTRICAL INSTALLATIONS				
7.30	Supply and fixing 13 Amp Socket outlet with necessary concealed conduit wiring [7/0.67 PVC Single wire (2.5mm ²) x2 , 7/0.67 Earth Wire (2.5 mm ²)] all complete as per instruction (Orange / Kevilton / Krypton/ ACL or approved equivalent) [Cable SLS 733, Switch SLS 1000]	nr	6.00		
7.31	Supply and fixing 15 Amp Socket outlet with necessary concealed conduit wiring [7/0.67 PVC Single wire (2.5mm ²) x2 , 7/0.67 Earth Wire (2.5 mm ²)] all complete as per instruction (Orange / Kevilton / Krypton/ACL or approved equivalent) [Cable SLS 733, Switch SLS 1000]	nr	2.00		
7.32	Supply and fixing 56" sweep ceiling fan with electronic fan speed controller concealed conduit wiring (1/1.13 wire 1.0mm ² , 7/0.67 earth wire 2.5mm ² including one gang switch)all complete as per instruction (Make KDK or approved equivalent with warranty) (SLSI Approved makes) [Cable SLS 733, Switch SLS 1000]	nr	2.00		
7.33	Providing a Fan point wired with 2 x 1 sqmm 1C/Cu/PVC/PVC+ 2.5 sqmm 1C/Cu/PVC Earth and 5 Amp single pole switch excluding the cost of Fan Regulator and including a switch.	nr	3.00		
7.34	Fixing available ceiling fans with necessary repairs	nr	3.00		

Item	Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
7.35	Supply and fixing 13 Amp Socket outlet with necessary concealed conduit wiring [7/0.67 PVC Single wire (2.5mm ²) x2 , 7/0.67 Earth Wire (2.5 mm ²)] all complete as per instruction (Orange / Kevilton / Krypton/ ACL or approved equivalent) [Cable SLS 733, Switch SLS 1000]	nr	6.00		
7.36	Supply and fixing. Angel/Batten lamp including 15W /14W CFL Bulb with 01 No.1 Gang approved quality switch including necessary wiring as per working order. (Makes fittings polychrome / SPI / Kevilton, Switch Krypton/Orange/Kevilton/ & Bulb Polychrome /Kevilton or approved equivalent) [Cable SLS 733, Switch SLS 1000 Bulb SLS 1231]	nr	4.00		
7.37	Supply and fixing 01 No. 14W/15W CFL lamp pendent type -(minimum four Star with 18 month warranty),10" dia. Conical type shade , with two way one gang switch Complete with necessary wiring as per working order. (Makes fittings polychrome / SPI / Kevilton, Switch Krypton/Orange/Kevilton/ & Bulb Polychrome /Kevilton or approved equivalent) [Cable SLS 733, Switch SLS 1000 Bulb SLS 1231]	nr	8.00		
7.38	Supply and fixing 01 No. Angel/Batten lamp including 60W GLS Bulb with 01 No.1 Gang approved quality switch including necessary wiring as per working order. (Makes fittings polychrome / SPI / Kevilton, Switch Krypton/Orange/Kevilton/ & Bulb Osram, Philips, Orange , cables ACL, Kelani,Orange or approved equivalent) [Cable SLS 733, Switch SLS 1000 Bulb SLS 984]	nr	2.00		
7.39	Supplying and fixing consumer unit 6 way surface mounted M.C.B type (incl.32 Amp. D.P MCB,40 Amp/30 mA-D.P RCCB, 6nrs M.C.B (6 Amp.-16 Amp.)900 enclosure box & bus bar) (Make - Hager / ETN/LS Aklen 10KA (RKN-B)/ Orange industrial 10KA or approved equivalent)	nr	1.00		

Item	Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
7.40	Supplying and fixing 2"x2"x2/4" Angle iron bracket for main supply electricity connection about 5'-0" long. Angle iron bar, bent to " L" shape and fixed to roof end with necessary bolt and nut. Apply two coats of anticorrosive paint to angle iron	nr	1.00		
7.41	Supplying and fixing Ceramic pulley with "D" bracket for Electricity connection	nr	1.00		
7.42	Supplying and fixing 2" dia galvanized iron earth pipe 6'-0"(1800 mm) long (heavy duty) and connected the 7/1.04 earth wire (6mm ²) with cable LUG . Including brick chamber with cover slab as per Drawing. (DB to Earth pipe cable/ conduit length 8 m) [Cable SLS 733]	nr	1.00		
7.43	Supplying and fixing Bolts, barrel, brass, polished, 6" heavy quality with ½" brass screws	nr	10.00		
7.44	Supplying and fixing. Brass Casement stays, polished 10" heavy quality	nr	10.00		
	PAINTING				
7.45	weathershield paint to external faces of wall two coat (ground Floor)	m ²	84.00		
7.46	Prepare and Painting New or Old walls with two coats of emulsion paint to internal wall	m ²	200.00		
7.47	Applying two coats of approved quality Emulsion paint to ceiling sheets & 2 coats of enamel paint to beading & moulding, (for existing ceiling). Ground floor	m ²	70.00		
7.48	Painting plinth and skirting with floor paint, two coats including preparing surface	m ²	15.00		
7.49	Preparing of surface & applying two coats of enamel paint. (for doors and windows)	m ²	55.00		
	Total Amount carried to summary				
	<u>8. TEACHER QUARTERS No.02</u>				
	DRAINAGE				
8.1	750 mm wide ramp with 225x150 mm drain in 1:3:6(40mm) concrete, 75 mm thick base of drain and ramp with 700 gauge polythene layer on earth surface after compaction and 115 mm thick bricks side walls in 1:5 ct.sd. including expansion joint each at 3000 mm interval laterally and along the plinth using 6mm thick regiform and finished smooth with 12 mm thick rendering 1:3 ct. sd.	m	28.00		

Item	Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
8.2	9" x 9" drain in 3" thk,ct. con. 1:2 1/2:5 (1") cement rendering with 1:2,1/2" thick cement sand mortar.with finished smooth incl :Shuttering and Curing	m	10.00		
	Total Amount carried to summary				
	9. WATER FACILITIES				
	PLUMBING/SANITARY INSTALLATIONS				
9.1	Supplying and fixing 1000 litters Arpico Plastishell water Tank - Normal (including all necessary fittings)	nr	1.00		
	Total Amount carried to summary				
	10. CONSTRUCTION OF TOILET BLOCK				
	Drw. No.12				
	EXCAVATION AND EARTHWORK				
10.1	Excavation for foundation in any material except rock requiring blasting, part return fill in and ram, and disposing surplus within site as directed. (not exceeding 5ft depth)	m ³	4.70		
10.2	Filling under floors with gravel or other approved quality of filling, spread, water and well rammed in 3"layers with available earth	m ³	1.00		
	CONCRETE WORKS				
10.3	Cement concrete 1:3:6 (1") up to 3.00 m3(Shuttering paid separately) incl : curing	m ³	1.65		
10.4	Cement concrete 1:2:1 / 2:5 (1") (Shuttering paid separately) incl : curing	m ³	1.00		
10.5	Roof flat cement concrete 75 mm thick .1:2:4(20mm) mix, with 10.0 mm dia. Tor Steel rods at 150 mm c/c both ways. Rate to include for formwork, side & soffit plastering with 1:3,10.0mm thick ct. mortar, finish smooth with lime putty, and plastering top of the Slab 1:3, 12 mm thick finish semi rough including, applying two coats of hot tar, blinded with sand	m ²	10.50		
10.6	Cement grill approved quality supply and fixing with cement slurry with two coats of weather shield paint	m ²	1.70		
10.7	Concrete work table with 1:2:4(3/4") con. mixture 3" thick R/F with 10mm dia twisted deform steel including shuttering	m ²	1.65		

Item	Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
	MASONRY WORKS				
10.8	Random Rubble Masonry in cement mortar 1.5 in foundation	m ³	6.60		
10.9	Brickwork in cement mortar 1:5 in piers (in ground floor)	m ³	1.60		
10.10	Brickwork 4 1/2" thick in cement mortar 1:5 G/F	m ²	32.00		
	WATERPROOFING				
10.11	D.P.C. 3/4" thick in cement, sand, 1: 2 finished smooth with two coats of DPC tar blinded with sand	m ²	8.90		
	FLOOR/WALL/CEILING FINISHES				
10.12	Plastering 5/8 " thick Cement, lime & sand 1:1:5 finish smooth with lime putty (G:f)	m ²	14.00		
10.13	Cement Sand plastering to wall 1:5, (5/8") thick semi rough	m ²	36.00		
10.14	1:3 Rendering, cement 1" thick, cement copping finish smooth with neat cement floating	m ²	0.90		
10.15	3/4" thk 1:3 cement & sand in plinth plaster finished smooth	m ²	8.50		
10.16	1/2" thk 1:3 Cement Rendering, finished smooth	m ²	11.00		
10.17	Floor tile supplying and laying. 12" x 12" approved quality & colour, including raking plaster bedding in cement mortar 1:2 and pointed with tile grout to match the tiles.(Use Lanka Ceramic tiles or approved equivalent)	m ²	5.00		
10.18	Tiles glazed colour 8"x12" with all specials , supplying and fixing to walls including raking plaster bedding in cement mortar 1:2 and pointed with tile grout to match the tiles.(Use Lanka Ceramic tiles or approved equivalent)	m ²	22.50		
	PLUMBING/SANITARY INSTALLATIONS				
10.19	supplied and fixed Closet with footrest, squatting type(Large), with trap .(Squatting pan)	nr	4.00		
10.20	supplied and fixed, PVC 1/2"bib tap, (Water Tec or approved equivalent)	nr	10.00		
10.21	Pipes P . V. C. 1" supplied and fixed - 600 Type with all specials	m	150.00		

Item	Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
10.22	Pipes P. V. C. 1/2" supplied and fixed with all specials -1000 Type with all specials	m	20.00		
10.23	Stop cocks, Plastic 1/2" supplied and fixed "S-lon" / water Tech or approved equivalent	nr	1.00		
10.24	P.V.C. pipes 110 mm dia.(4") type 250 laid under ground not exceeding 600 mm depth. Rate to include for necessary excavation, ct.Con. Bedding & covering with 1:3:6 (1") conc. Mixture	m	15.00		
	DRAINAGE				
10.25	Manhole 2'-0"x 2'-0"x 2'-0" (internally) concreting base 6" thick & channels with 1:2:4 (3/4") ct. concrete including 3" thick, concrete screed with 1:3:6 (1") con. mixture.9" brick wall with 1:5 ct. mortar. Plastered with 1:2, 3/4" thick ct. mortar with pudlo (5% by volume) finished smooth with neat ct. floating including channels & Pad plaster 1:2, 1/2" thick finished smooth with cement floating.shall be water tight. Rate to include for concrete cover slab 3" thick with 1:2:4 (3/4") con. mixture r/f with.6.0 mm dia. M.S rods @ 4" c/s. both ways, with 2 nos lifting handles	nr	2.00		
10.26	Cons. of soakage pit 1200 x 1200 x 2700 mm (8' - 6") invert depth, (8'-6" deep from the sewer pipe) Brick walls 225 mm thick in 1:5 ct: sand mortar, including 1:2 ct, & sand plastering 1/2" thick finished smooth with neat ct. floating up to a depth of 6" from the invert level of the sewer pipe. Concreting cover slab and pad (curb) with 1:2:4(3/4") conc. mixture.Reinforcing cover slab with 10.0 mm twisted deformed steel @ 6" cts. bothways and plastering curb 1:2 ct. & sand, 1/2" thick finished smooth with neat ct. floating 6" below ground level.inc: 2 nrs of 10mm dia lifting handles	nr	1.00		
	METAL WORK				
10.27	Bronze anodized Aluminium door 76 X 32 mm frame & 42 mm thick Sash fully paneled (for external use or Toilet) as above but using 4 mm. composite panel sheet (02 Nos panel per sash all complete)	m ²	6.75		

Item	Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
	PAINTING				
10.28	Painting walls with one coats of wall filler	m ²	60.00		
10.29	weathershiels paint to external faces of wall two coat	m ²	36.00		
10.30	Prepare and Painting New or old walls with two coats of emulsion paint to internal wall	m ²	24.00		
10.31	Painting plinth and skirting with floor paint one coat including preparing surface	m ²	8.50		
	Total Amount carried to summary				
	<u>11. REPAIRS TO EXISTING BOUNDARY WALL</u>				
	FLOOR/WALL/CEILING FINISHES				
11.1	Cement Sand plastering to wall 1:5, (5/8") thick semi rough rate to include curing for exposed surface of foundation wall	m ²	50.00		
11.2	1:3 Rendering cement ,1" thick cement coping finish smooth with neat cement floating (in Ground Floor)	m ²	12.30		
	PAINTING				
11.3	weathershield paint to external faces of wall two coat	m ²	407.00		
	Total Amount carried to summary				
	<u>12. RETAINING WALL CONSTRUCTION</u>				
	EXCAVATION AND EARTHWORK				
12.1	Excavation for foundation in any material except rock requiring blasting, part return fill in and ram, and disposing surplus within site as directed. (not exceeding 5ft depth)	m ³	16.20		
	CONCRETE WORKS				
12.2	Formwork for plum concrete using 12 mm plywood sheet (Rate to include dismantling same when required)	m ²	25.20		
12.3	Plum concrete -1:3:6(1") concrete with 20% volume of 4" x 6" Rubble Rate to include Vibrator (shuttering paid for separately)	m ³	25.20		
12.4	Supplying and keep T600 110mm dia. P.V.C.pipe average length 0.60m and 450 x 450mm 1", 1 1/2", 2"metal pocket for weep holes	nr	11.00		
	Total Amount carried to summary				
	<u>13. EXTENTION TO BOUNDARY WALL</u>				
	EXCAVATION AND EARTHWORK				
13.1	Excavation for foundation in any material except rock requiring blasting, part return fill in and ram, and disposing surplus within site as directed. (not exceeding 5ft depth)	m ³	9.00		

Item	Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
	CONCRETE WORKS				
13.2	Concrete post - 9" x 9" including 1' - 6" x 1' - 6" column base with 1:2:4 (3/4") ct. con. Mix, and 1' - 6" x 1'-6"x 0'-3" screed with 1:3:6 (1") ct. con. Mix. reinforcing the column with 4 Nos.10 mm dia mild steel and 6.00 mm dia M.S. Stirrups at 6" c/s and rough plastering column with 1:3 ct: sand mortar 12.5 mm thick without colour washing. Size of the column pit should be 1'-6"x 1'-6"x 2'-0" high. Rate to including shuttering	nr	34.00		
13.3	Form work for plum concrete using 12 mm plywood sheet (Rate to include dismantling same when required)	m ²	30.00		
13.4	Plum concrete -1:3:6(1") concrete with 20% volume of 4" x 6" Rubble Rate to include Vibrator (shuttering paid for separately)	m ³	13.50		
	MASORNY WORK				
13.5	Cement Block Work in 100 mm 1:5 cement mortar (Up to first floor level)	m ²	185.00		
13.6	Keep 25mm thick rigiform for expansion joint construction	Item	1.00		
	FLOOR/WALL/CEILING FINISHES				
13.7	1:3 Rendering cement ,1" thick cement copping finish smooth with neat cement floating (in Ground Floor)	m ²	12.50		
13.8	Cement Sand plastering to wall 1:5, (5/8") thick semi rough G: floor rate to include curing	m ²	370.00		
13.9	1:3 Rendering cement ,1" thick cement copping finish smooth with neat cement floating (in Ground Floor)	m ²	12.50		
	PAINTING				
13.10	weathershield paint to external faces of wall two coat	m ²	370.00		
	Total Amount carried to summary				

Item	Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
	<u>14. CONSTRUCTION OF MAIN GATE</u>				
14.1	Main gate post - 9" x 9" concrete gate post including 2' - 6" x 2' - 6" x 0' - 9" high column base with 1:2:4 (3/4") ct. con. Mix, and 2'-6"x 2'-6"x 0'-3" screed with 1:3:6 (1") ct. con. Mix. reinforcing the column with 4 Nos.12 mm dia mild steel and 6.00 mm dia M.S. Stirrups at 6" c/s. and column base with 4 nos. 10.0 mm dia. Mild steel rods both ways and rough plastering column with 1:3 ct: sand mortar 12.5 mm thick without colour washing. Size of the column pit should be 2'-8"x 2'-8"x 2'-6" high. Rate to including shuttering	nr	2.00		
14.2	Supplying and fixing gate as per instructions	P.sum			150,000.00
	Total Amount carried to summary				
	<u>15. CONSTRUCTION OF 60' x 20' NEW CLASS ROOM BUILDING</u>				
	1. EXCAVATION AND EARTHWORK				
1.1	Labour for site clearing	Days	2.00		
1.2	Earth cutting By machine & push away 100 M away from site	m ³	84.00		
1.3	Excavation in column & wall foundation any materials except rock requiring blasting part return filling and surplus disposed with in site as directed	m ³	19.00		
1.4	Approved hard earth filling under floor well watered and compacted in 75 mm layer as directed earth not available at site	m ³	28.00		
	2. CONCRETE WORK				
2.1	1:3:6 (25mm) lean concrete under column base & brick wall to foundation	m ³	2.90		
2.2	1:2½:5 (25mm) concrete 75 mm thick paving to floor	m ³	7.50		
2.3	225 x 150 mm drain with 750 mm wide ramp in 1:2½:5 (1") 3" thick concrete mix with 1/2" thick 1:2 cement mortar with finished smooth	m	53.00		
2.4	225 X150 mm drain in cement concrete 1:2½:5 (1") 3" thick cement rendering with 1:2, ½" thick cement & sand	m	4.00		
2.5	Column footing (0.75 x 0.75 x 0.225m)	m ³	1.80		
2.6	225 x225 column shaft	m ³	0.55		
2.7	Plinth beam (225 x300 mm, 225 x 375 mm)	m ³	4.00		
	3. D.P.C. TO ROOF LEVEL				
3.1	225 x 225 Column shaft	m ³	2.00		
3.2	225 x 225 roof beam	m ³	2.10		

Item	Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
3.3	225 x112 mm stiffener	m ³	0.10		
3.4	Copping	m ³	0.25		
3.5	Work table	m ³	0.80		
3.6	Concrete cover slab	m ²	1.20		
3.7	Concrete lintel	m	12.00		
	4. REINFORCEMENT				
	4. 1 Up to D.P.C.				
4.1.1	10 mm T/S column footing	Kg	73.00		
4.1.2	12 mm T/S column shaft	Kg	60.00		
4.1.3	12 mm T/S 225 x 300 mm plinth beam	Kg	146.00		
4.1.4	16 mm T/S 225 x 375 mm plinth beam	Kg	186.00		
	4.2. D.P.C. to Roof Level				
4.2.1	12 mm T/S column shaft	Kg	150.00		
4.2.2	12 mm T/S lintel	Kg	154.00		
4.2.3	10 mm T/S stiffeners	Kg	5.50		
4.2.4	10 mm T/S copping	Kg	40.00		
4.2.5	10 mm T/S work table	Kg	101.00		
4.2.6	10 mm T/S cover slab	Kg	6.00		
	4.3. Up to D.P.C. Level				
4.3.1	6 mm m.s. in column shaft	Kg	12.00		
4.3.2	6 mm m.s. in plinth beam	Kg	80.00		
	4.4 D.P.C. to Roof Level				
4.4.1	6 mm m.s. in column shaft	Kg	47.00		
4.4.2	6 mm m.s. for lintel	Kg	46.00		
4.4.3	6 mm m.s. for stiffeners	Kg	3.00		
	5. FORMWORK				
	5.1 Sawn timber form work in the following up to D.P.C.				
5.1.1	Column footing & plinth beam	m ²	48.00		
5.1.2	Column shaft	m ²	8.00		
	5.2 D.P.C. to Roof Level				
5.2.1	Column shaft	m ²	35.00		
5.2.2	225 x 225 mm roof beam	m ²	26.00		
5.2.3	225 x 112 stiffeners	m ²	3.00		
5.2.4	copping	m	32.00		
5.2.5	Work table	m ²	13.00		
	6 - MASONRY WORK				
6.1	Random rubble masonry in cement & sand 1:5 in foundation up to D.P.C.	m ³	9.20		

Item	Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
6.2	Brick steps 12 " wide & 6" to 9" high masonry or brick work in cement mortar 1:3 rendering 1/2" cement mortar 1:2 with foundation 6" below ground	m	4.00		
6.3	Brick work in cement & sand 1:8 in 225 mm thick walls	m ³	15.00		
6.4	Brick work in 112.5 mm thick walls cement & sand 1:5 mixture	m ²	44.00		
	7 - STRUCTURAL WORK				
7.1	Supplying & fixing 6100 mm (20'-0) span and 25° pitch steel roof truss for Calicut tile with 2 Nos 50x50x6 mm Angle iron members 75 x75 cleats 6 mm thick Gusset plates and 3/8" thick base plates . all complete according to the drawing NO 1118 . Rate to include applying two coats of red anti corrosive paint & two coats of black enamel paint (Different colour)	nr	4.00		
	8. D.P.C. to Roof Level				
	FLOOR/WALL/CEILING FINISHES				
8.1	Plastering cement & sand 1:3 , 20 mm thick finished smooth with neat cement floating to plinth	m ²	12.00		
8.2	Plastering cement, & sand 1:5 , 16 mm thick finished semi rough (External walls)	m ²	98.00		
8.3	Plastering cement, & sand 1:5 , 16 mm thick finished semi rough internal walls ,including sides & soffit of beams	m ²	133.00		
8.4	Column and beam plastering	m ²	25.00		
8.5	Cement rendering 1:3 , 12 mm thick finished smooth with neat cement floating to concrete floors	m ²	110.00		
8.6	Ditto 20 x 100 mm high skirting	m	58.00		
8.7	Black board plastering in 1:2 Cement & sand mix 20 mm thick finished smooth, with black cement floating and grinding with carbo random stone Rate to include 40 x 25 mm borders & . (as per plan)	m ²	7.50		
8.8	Construct 1:1:4 cement lime & sand mortar with 100 - 150 mm wide mortar bands with colored to match the tiles	m	19.00		

Item	Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
8.9	Cement & sand 1:3 ,25 mm thick copping plaster over half wall finished smooth with neat cement floating coats as directed	m ²	6.00		
8.10	200 x300 mm Glazed tile with all specials supplying & fixing to work table & wall including raking plaster bedding in cement mortar 1:2 and pointed with tile grout to match the tiles .(use Sri lanka ceramic tiles or approved equivalent)	m ²	18.00		
	9 - ROOF COVERING				
9.1	Roof with Calicut pattern tiles on imported sawn timber frame work complete with 150 x 50 mm ridge 100 x 50 mm rafters at 450 mm centers 150 x 75 mm purlin, 50 x 25 mm reepers rate to include tiling ridging (bedded in cement & lime mortor 1:1:4 colour to match tiles) truss roof (preservation of timber) in achieved by vacuum pressure impregnation of timber with preservatives using the latest technology sash as CCB that are registered by register of pesticides for protection against wood destroying agents such as wood bores, fungi & termites execution according to the manufactures specifications by Finlay Rentokil Ceylon PVT (Ltd) or approved equivalent	m ²	196.00		
	10. CARPENTRY				
10.1	Valance board 200 x 20 mm supplied and fixed with necessary screws to end of rafters (Timber class 11- Ginisapu) including primer under coat & two coats of enamel paint	m	61.00		
	11 - PAINTING				
11.1	Prepare & apply two coats of floor paint to plinth, skirting & copping	m ²	26.00		
11.2	Prepare & apply one coat of wall filler in external l walls	m ²	98.00		
11.3	Two coats of weather shield paint to external walls	m ²	98.00		
11.4	Prepare & apply skim coat & one coat of wall filler in internal walls	m ²	133.00		
11.5	Two coats of emulsion paint to internal Walls	m ²	158.00		

Item	Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
	12- PLUMBING/SANITARY INSTALLATIONS				
12.1	Sink glazed, earthenware 24"x18"x 8" supplied and fixed with waste plug ... etc.	nr	3.00		
12.2	Supplying & fixing 1/2" dia, P.V.C pipes (type 1000) S-lon / Anton or approved equivalent	m	25.00		
12.3	Supplying & fixing 1 1/2" dia, P.V.C pipes (type 600) S-lon / Anton or approved equivalent	m	7.00		
12.4	Supplying & fixing 1/2" dia, bib tap water tec or approved equivalent	nr	3.00		
12.5	Supplying & fixing 1/2" dia, stop tap water tec or approved equivalent	nr	1.00		
	13. ELECTRICAL INSTALLATIONS				
13.1	Supplying and fixing consumer unit 12way surface mounted M.C.B type (incl.32 Amp. D.P MCB,40 Amp/30 mA-D.P RCCB, 12nrs M.C.B (6 Amp.-16 Amp.)700 enclosure box & bus bar)(Make Hager /LS 10 kA /Orange 10KA or approved equivalent)	nr	1.00		
13.2	Supply and fixing 5 Amp Socket outlet with necessary semi concealed wiring all complete as per instruction (Orange / Kevilton / Krypton/ACL/Legrand or approved equivalent)	nr	3.00		Deleted
13.3	Supply and fixing 13 Amp Socket outlet with necessary semi concealed wiring all complete as per instruction (Orange / Kevilton / Krypton/ACL/Legrand or approved equivalent)	nr	6.00		
13.4	Supply and fixing 56" sweep ceiling fan with electronic fan speed controller semi concealed wiring (1/1.13 wire 1.0mm ² , 7/0.67 earth wire2.5mm ²)all complete as per instruction (Make KDK or approved equivalent with warrant) (SLSI Approved makes)	nr	6.00		
13.5	Supply and fixing 01 No. 14W/15W CFL lamp pendent type -(minimum four Star with 18 month warranty),10" dia. Conical type shade Complete with necessary wiring as per working order. (Makes fittings polychrome / SPI / Kevilton, Switch Krypton/Orange/Kevilton/ & Bulb Polychrome /Kevilton or approved equivalent) [Cable SLS 733, Switch SLS 1000 Bulb SLS 1231]	nr	6.00		

Item	Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
13.6	Supply and fixing 01 No. Angel/Batten lamp including 60W GLS Bulb with 01 No.1 Gang approved quality switch including necessary wiring as per working order. (Makes fittings polychrome / SPI / Kevilton, Switch Krypton/Orange/Kevilton/ & Bulb Osram, Philips, Orange , cables ACL, Kelani,Orange or approved equivalent) [Cable SLS 733, Switch SLS 1000 Bulb SLS 984]	nr	2.00		
13.7	Supplying and fixing (7/1.04) (Twin) Main wire (6mm2)	m	25.00		
13.8	Supplying and fixing 2" dia galvanized iron earth pipe 6'-0" (1800 mm) long (heavy duty) and connected the 7/1.04 earth wire (6mm2) with earth clips. Including brick chamber with cover slab as per Drawing	nr	1.00		
	14. METAL WORK				
14.1	Bronze anodised Aluminium glazed sliding window 1200X1200 mm including consisting 70X32 top roll 70X30 mm bottom rail 73X23 mm side rail and sash consisting 28 x 32 mm top rail 56 x 22 mm bottom rail 30X26 mm side rail and 5 mm thick clear glass 32X30 mm mid rail Supplied fabricated and fixed. Rate to include for necessary window rollers. Locks guides gaskets, silicon gum, Screws pop rivets. Rawlplugs binding sealer etc.	m ²	11.25		
14.2	Aluminium bronze anodized glazed and panelled door type D1 900 X 2100 mm overall Including frame consisting 76 X 32 mm members in frame and 45 mm thick members and glazing bead in sash including single channel rubber gaskets, lock, handles, 100 X 75 mm hinges 4 mm. thick composite panel sheet supplied fabricated and fixed complete as per detail's. Rate include for necessary screws, pop rivets, binding sealer etc. (To be fixed on external walls)	m ²	2.60		
14.3	Bronzed Anodized Aluminium louver frame work fabricate & fixed attached to top or bottom of Doors, sliding Windows & partition	m ²	0.40		
	Total Amount carried to summary				

Bills of Quantities for Repair works of Existing Buildings, Construction of 60'x20' Classroom Building, Boundary wall, Main Gate, Water supply system and associated works at Thalangaha Saraswathi T.V., Thalalgahawaththa, Udugama

Summary

SN	Description	Amount (Rs.)
1	Preliminaries	
2	Repair works of 80'x20' Building No.01	
3	Repair works of 80'x20' Building No.02	
4	Repair works of 80'x20' Building No.03	
5	Repair works of 80'x20' Building No.04	
6	Repair works of 60'x20' Building No.01	
7	Repair works of 30'x20' Library Building	
8	Repair works of Teacher quarters No.01	
9	Repair works of Teacher quarters No.02	
10	Repair works of Water facilities	
11	Construction of toilet block	
12	Repairs to existing boundary wall	
13	Retaining wall construction	
14	Extension to boundary wall	
15	Construction of main gate	
16	Construction of 60'x20' new class room building	
	TOTAL CONSTRUCTION COST	
(a)	Sub Total I	
(b)	Less: Provisional Sum	230,000.00
(c)	Sub Total II (a-b)	
(d)	Less: Discount if any (.....%)	

(e)	Sub Total III (c-d)	
(f)	Add : Provisional Sum (b)	230,000.00
(g)	TOTAL BID SUM WITHOUT TAXES (e+f) (CARRIED TO THE FORM OF BID)	

Total Bid Sum to be taken in to Form of Bid in words Rupees:

..... only.

Amount of V.A.T. (Prevailing VAT) for the Total Bid Sum :- Rs.

Bidder's VAT Registration No:

.....

Signature of Bidder

Stamp

Name and Address of Bidder:

.....

.....

.....

Contact Number of Bidder

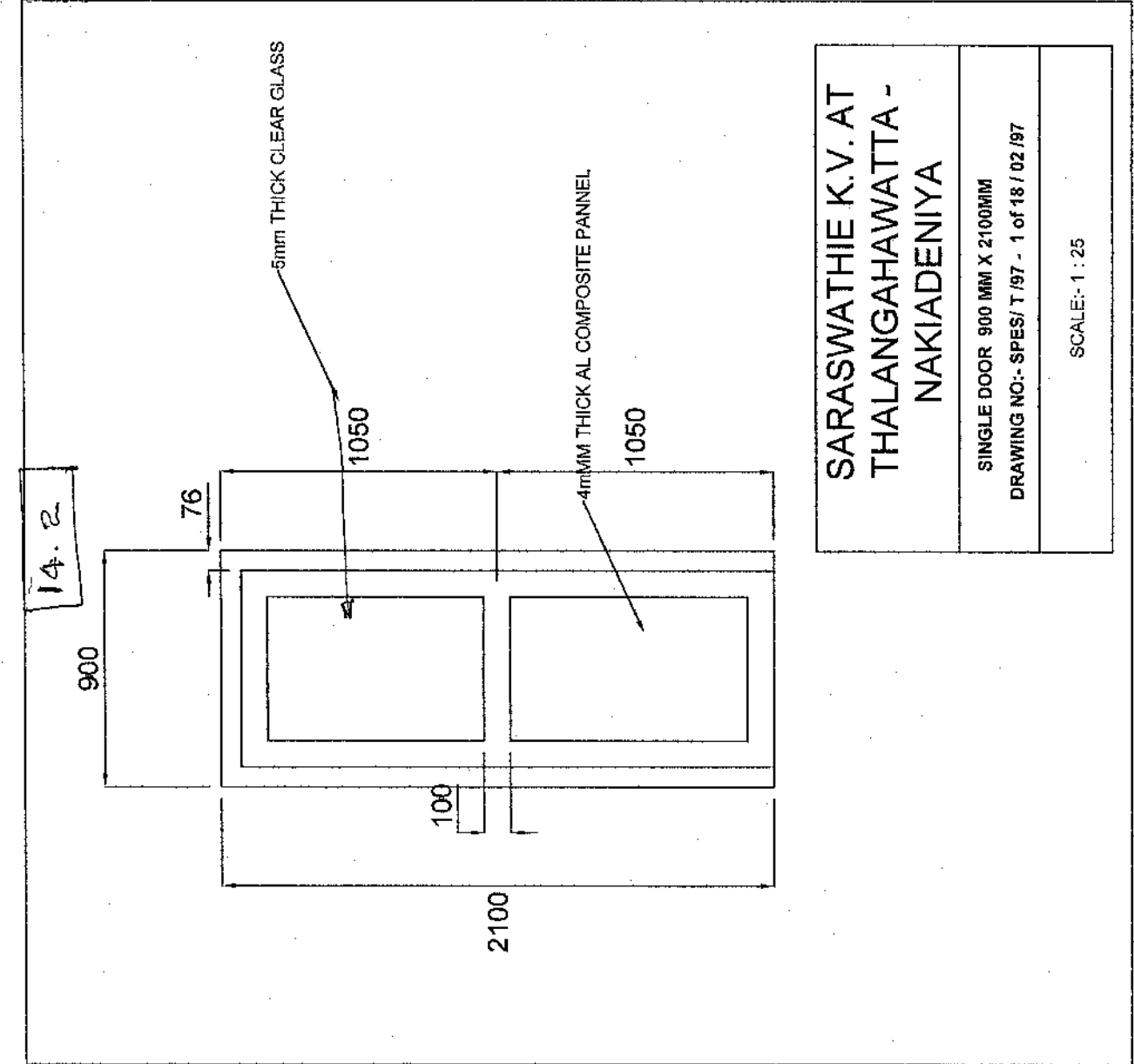
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Fax Number/ E-mail Address of Bidder

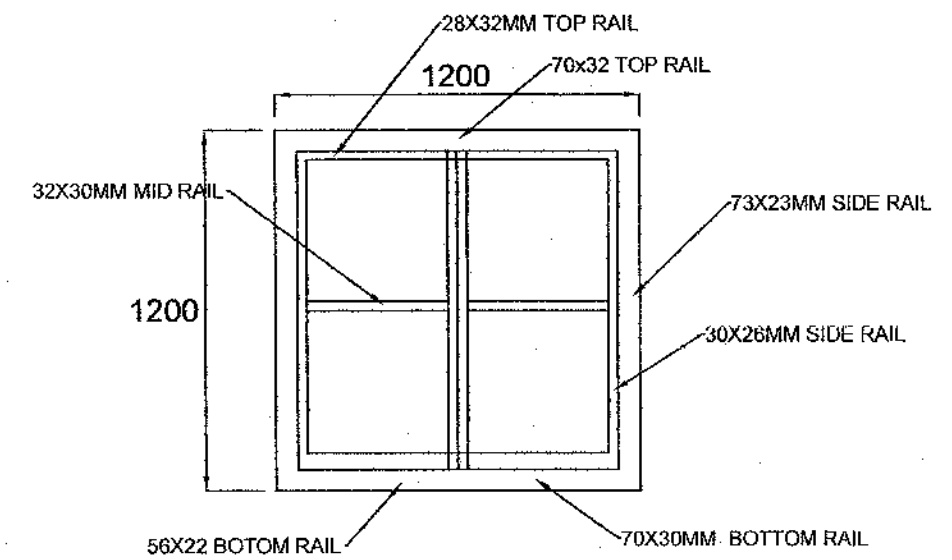
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**Thalangaha Saraswathi T.V.,
Thalalgahawaththa, Udugama**

Saraswathie K.V. at
Thalangahawatta,
Nakiadeniya.



14. 1

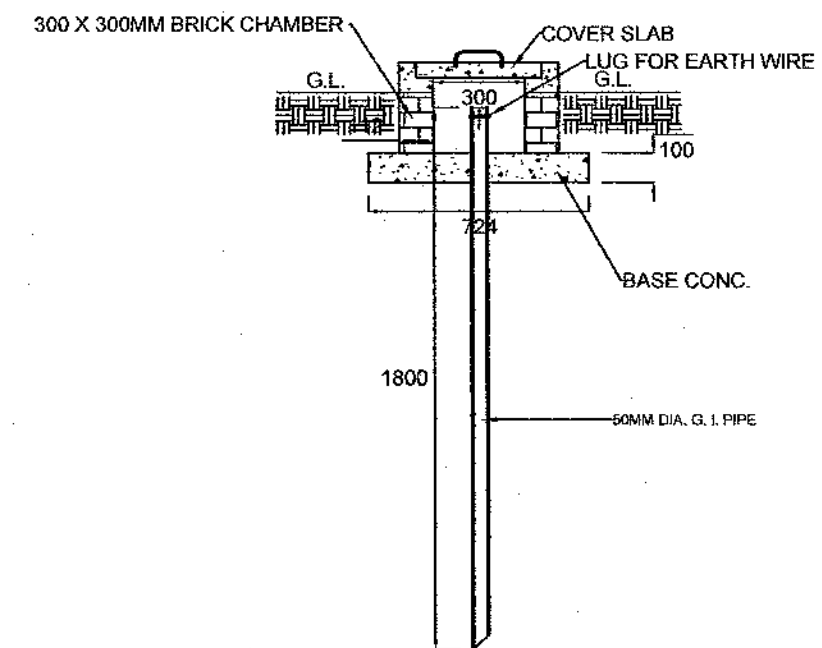


SARASWATHIE K.V. AT
THALANGAHAWATTA -
NAKIADENIYA

SLIDING WINDOW 1200 X 1200MM
DRAWING NO:- SPEST/ T /03 /10 / OF 03 / 12 /2003

SCALE:- 1 : 25

1.27, 2.32, 3.19, 4.31

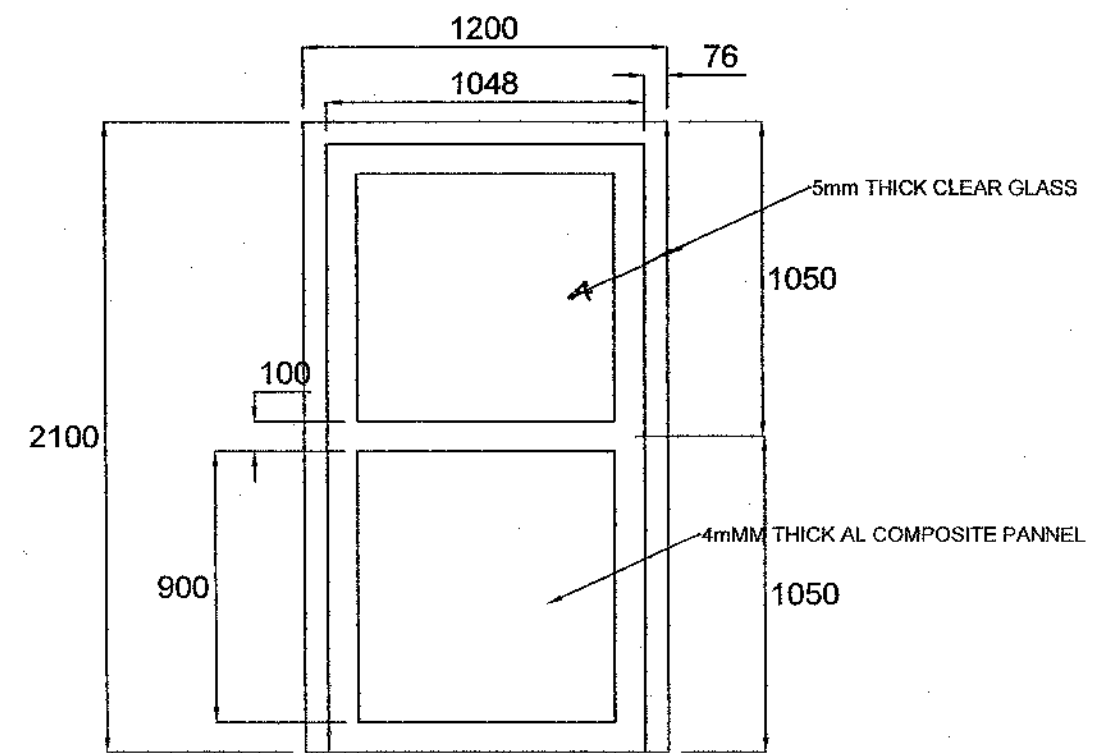


SECTION OF
G.I. PIPE
ELECTRODE

SCALE:- 1:25

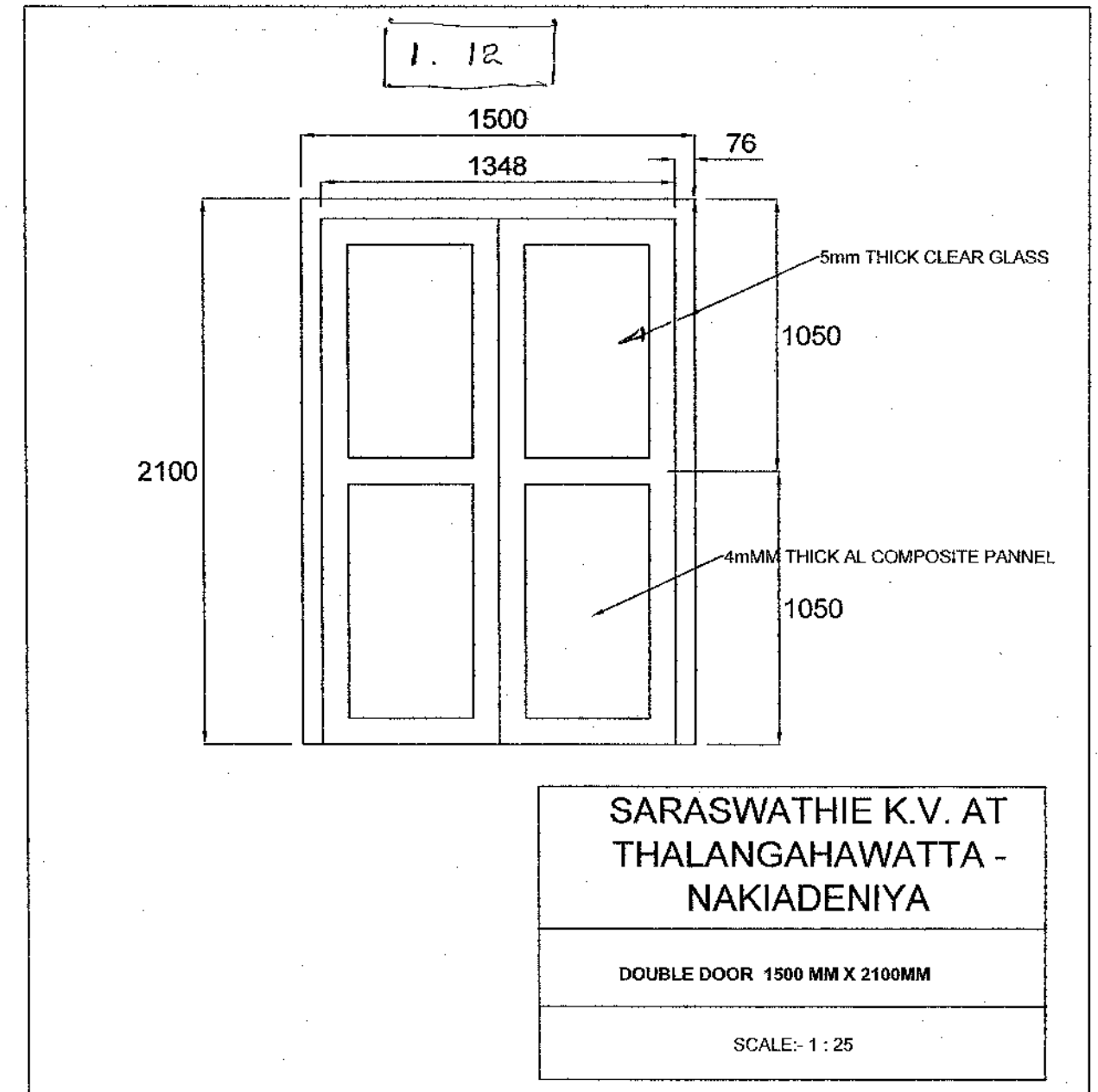
CONSTRUCTION OF 60 X 20 BUILDING
SARASWATHIE K.V. AT THALANGAHAWATTA - NAKIADENIYA

1.13

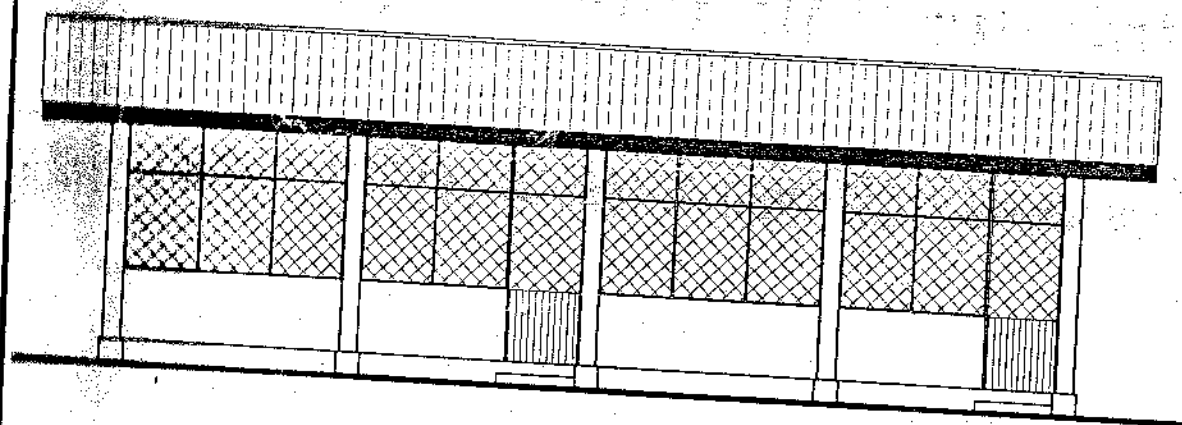


CONSTRUCTION OF
60 X 20 BUILDING
SARASWATHIE K.V. AT
THALANGAHAWATTA -
NAKIADENIYA

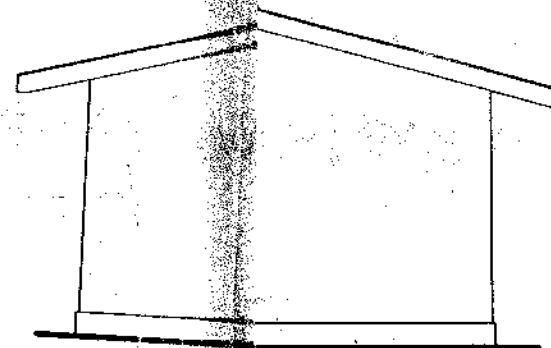
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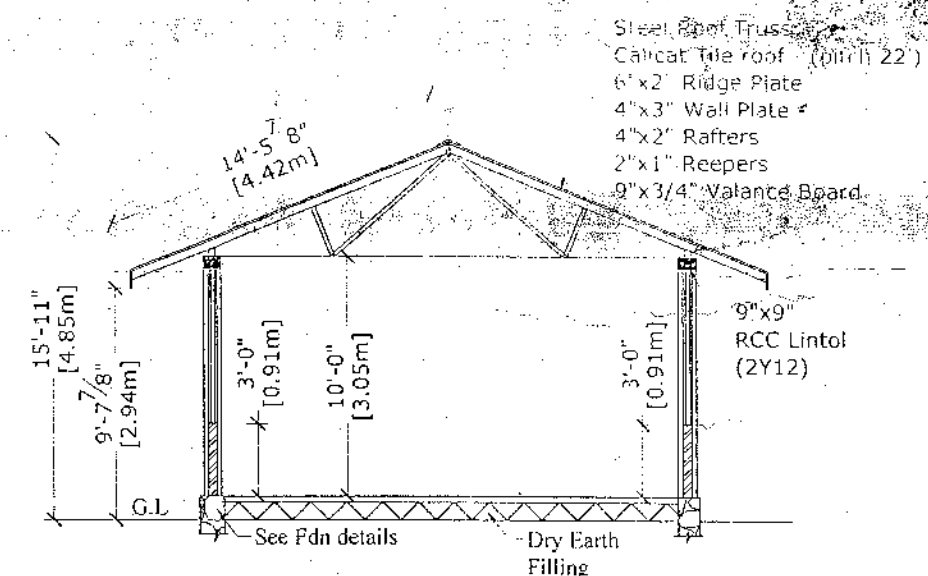
60 x 20 Class Room Building Item 15



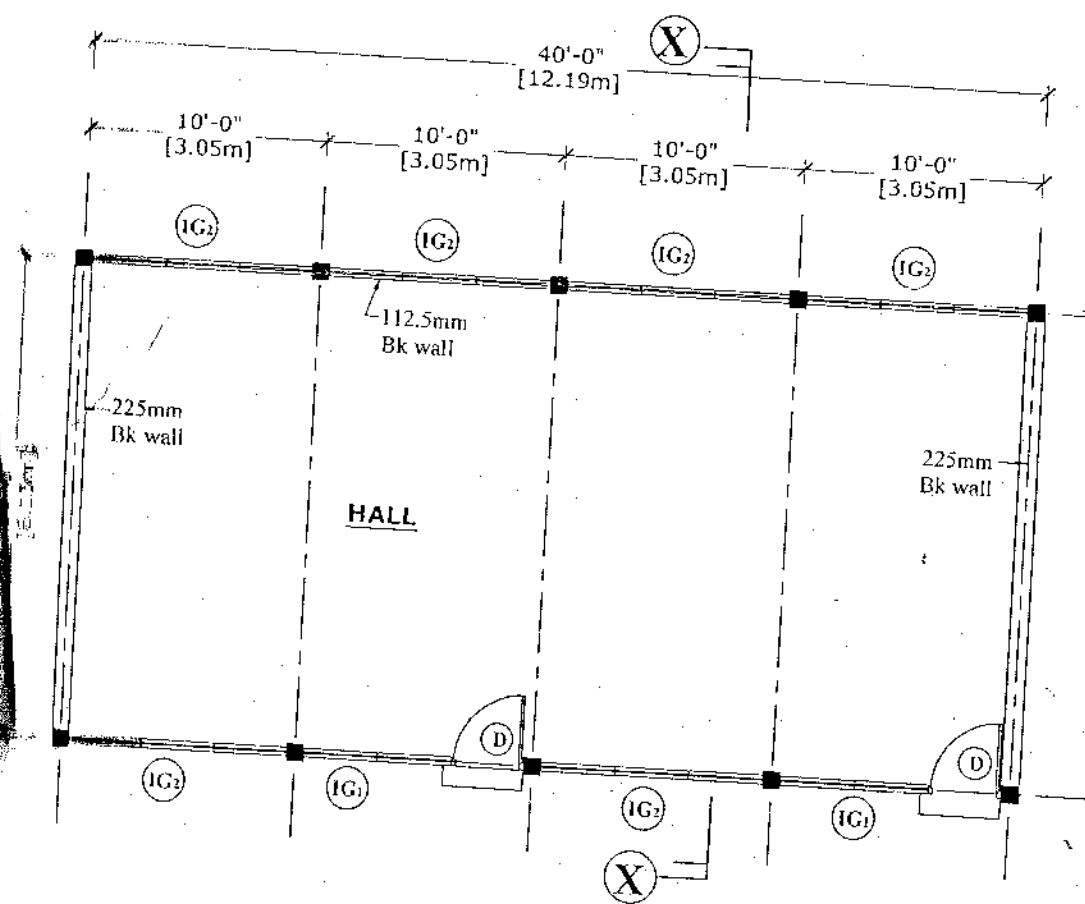
FRONT ELEVATION
Scale : Eight Feet to An inch



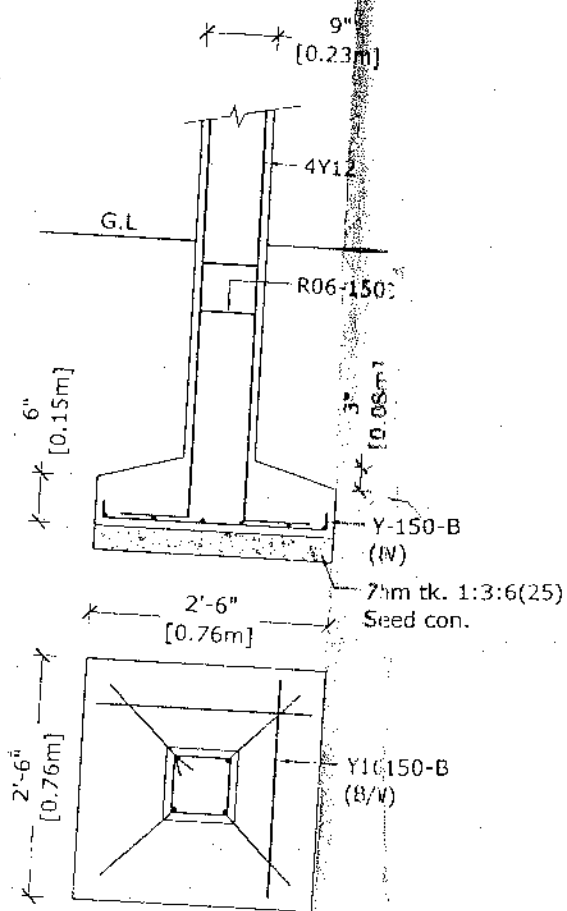
SIDE ELEVATION
Scale : Eight Feet to An inch



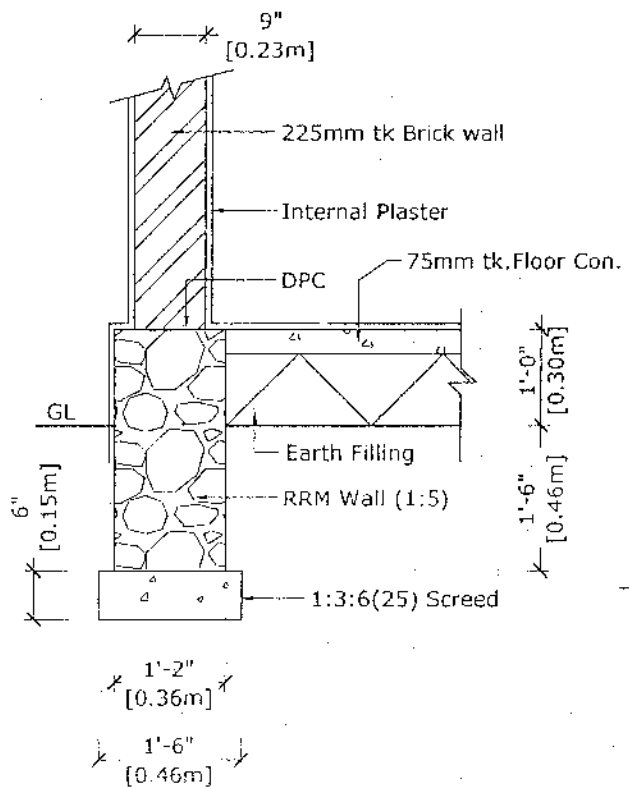
SECTION A-A
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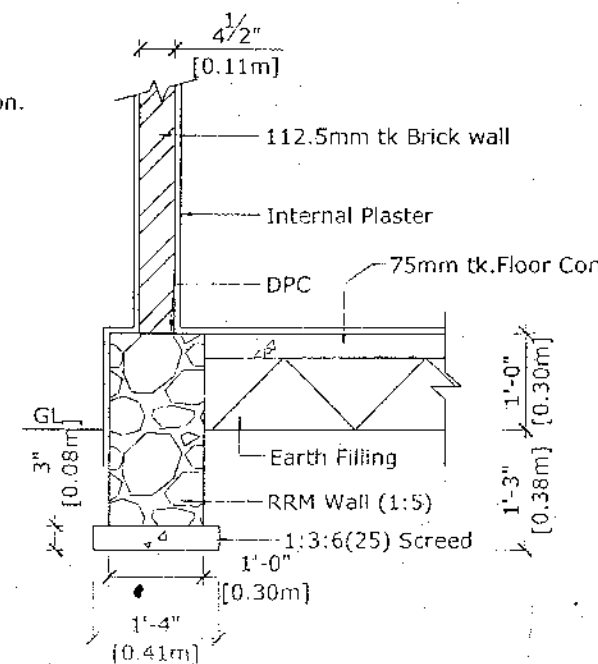
FLOOR PLAN
Scale : Eight Feet to An inch



COLUMN DETAILS
Scale : Two Feet to An inch



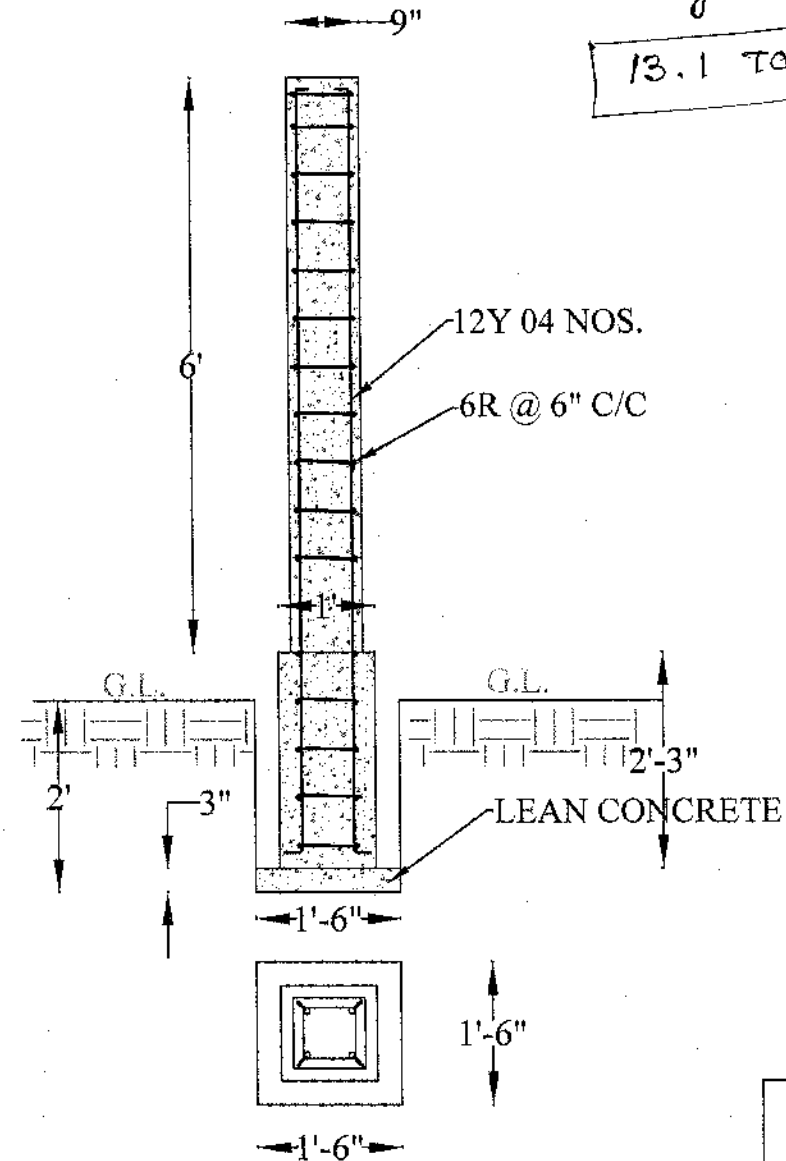
225mm TK. BRICK WALL
Scale : Two Feet to An inch



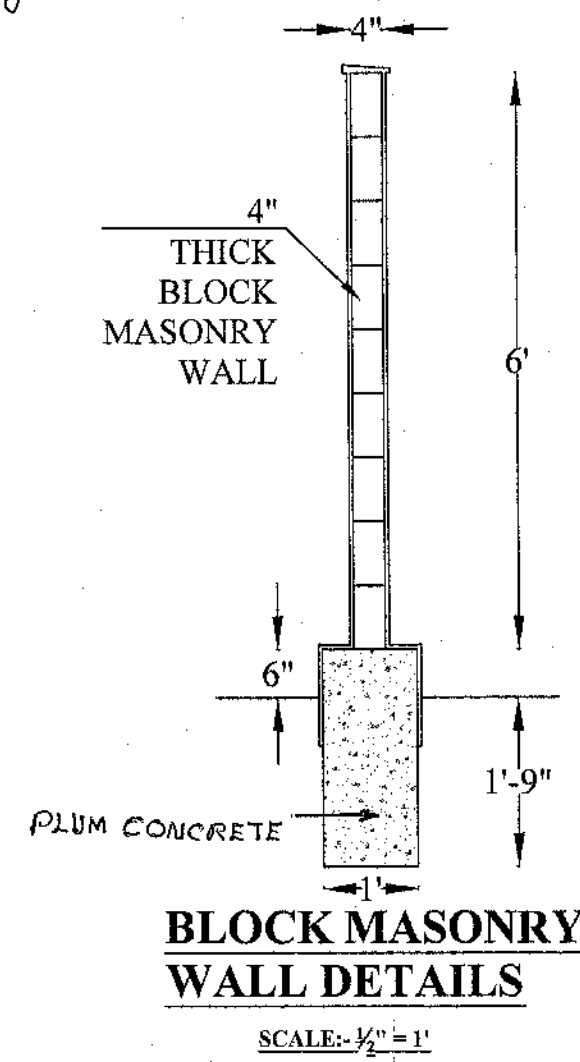
112.5mm TK. BRICK WALL
Scale : Two Feet to An inch

Schedule of Doors and Windows			
Type	Description	Size (Ft.)	Nos
D	Iron Grill Door	3'-3" x 7'-0"	02
IG ₁	Iron Grill	6'-3" x 6'-3"	02
IG ₂	Iron Grill	3'-3" x 4'-3"	08

Length of Boundary Wall : 140m.
13.1 TO 13.10

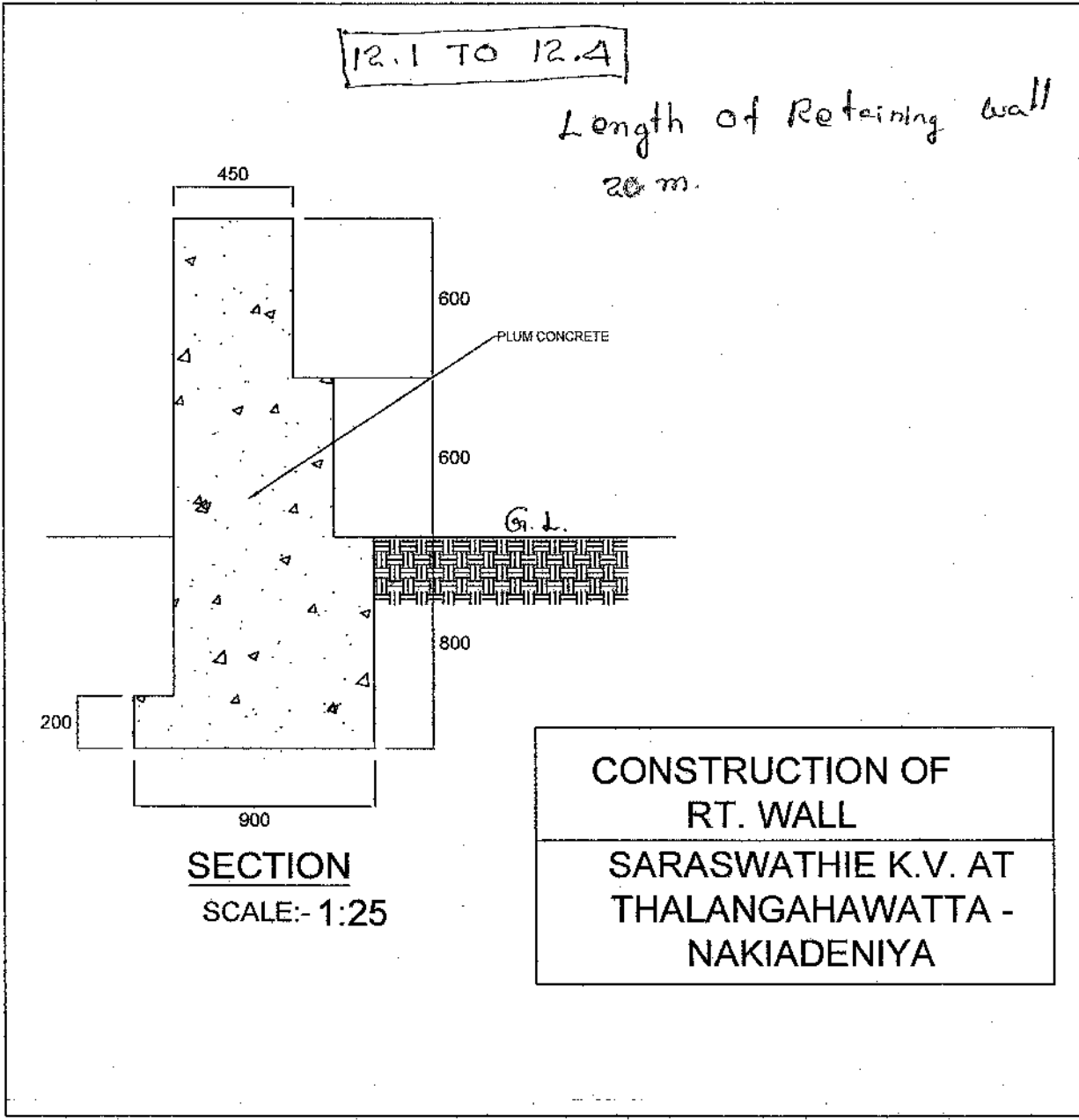


COLUMN DETAILS
SCALE:- $\frac{1}{2}" = 1'$



BLOCK MASONRY WALL DETAILS
SCALE:- $\frac{1}{2}" = 1'$

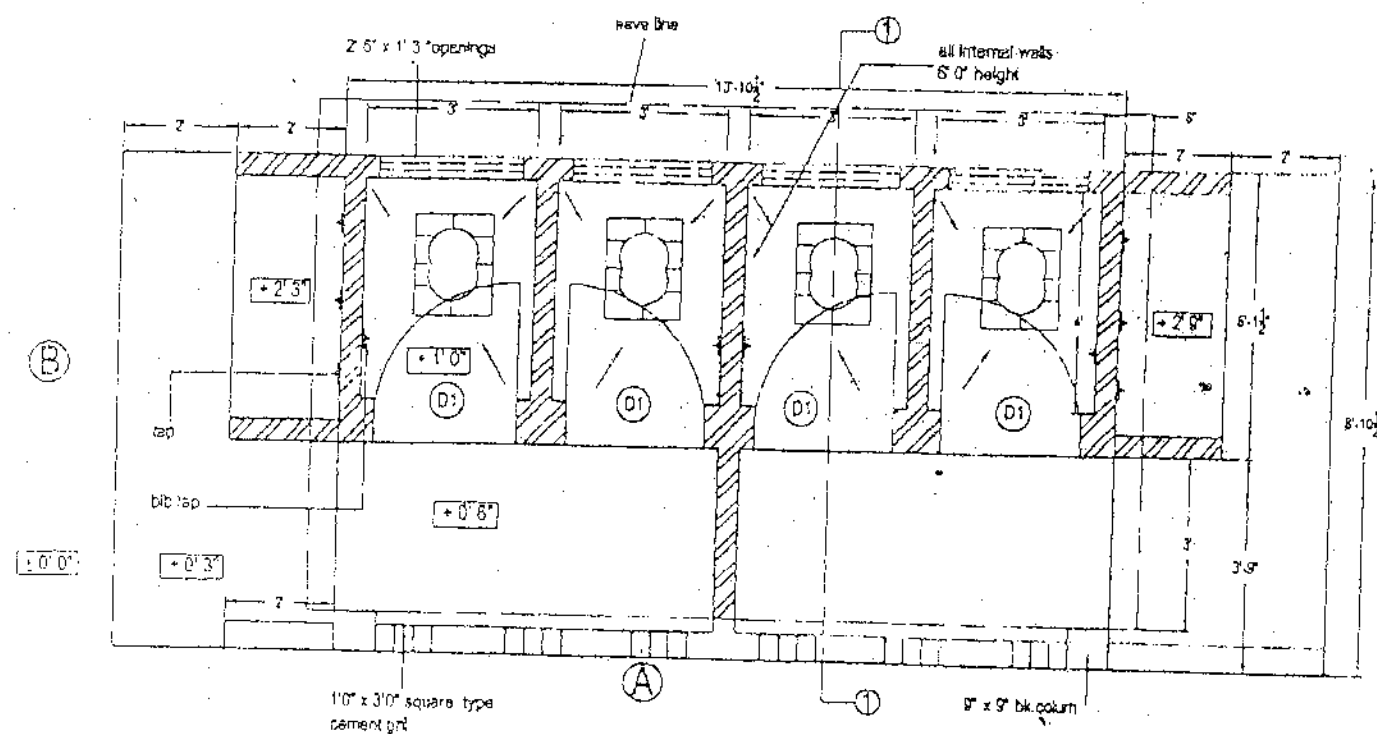
EXTENSION TO BOUNDARY WALL
SARASWATHIE K. V. AT
THALANGAHAWATTA - NAKIADENIYA



ORIGINAL

For both
male, female

10.1 To 10.31



FOUR UNIT TOILET BLOCK
FOR BOYS AND GIRLS

TYPE PLAN

NOTES:

1. Provide a gap of 3 1/2" below toilet doors.
2. Toilet floors should be sloped towards the squatting pan.
3. Floor finish with 8"x8" non slip ceramic floor tiles on 3" IC mass con. base.
4. Wall finished with 8"x12" glazed ceramic wall tiles up to 4' 0" level from F.F.L.
5. 3' 0" wide pavement with drain around the building.

D1 - 73" x 58" MARINE PLYWOOD DOOR

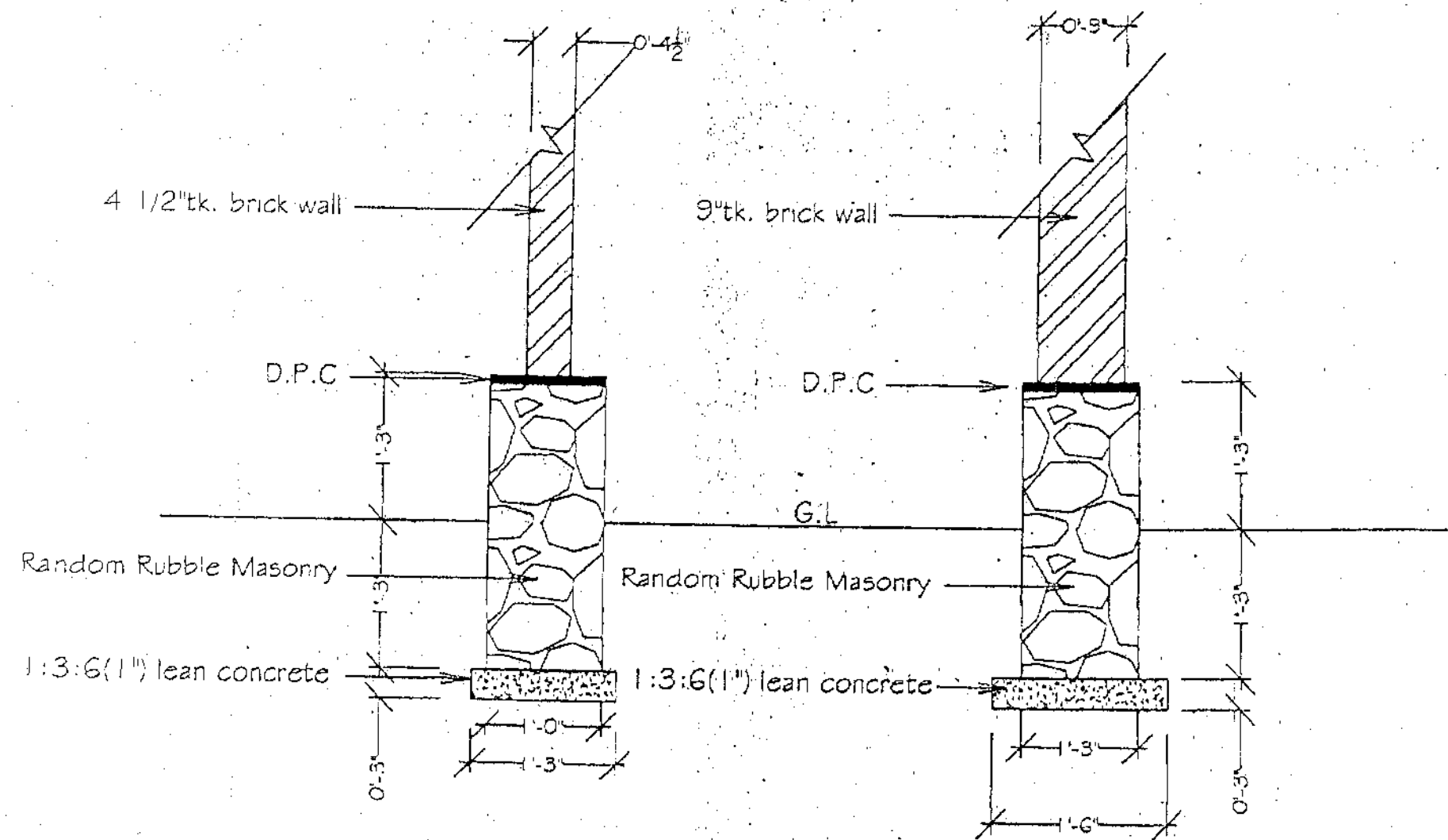
SCHOOL WORKS DIVISION
MINISTRY OF EDUCATION

James H. Hamilton

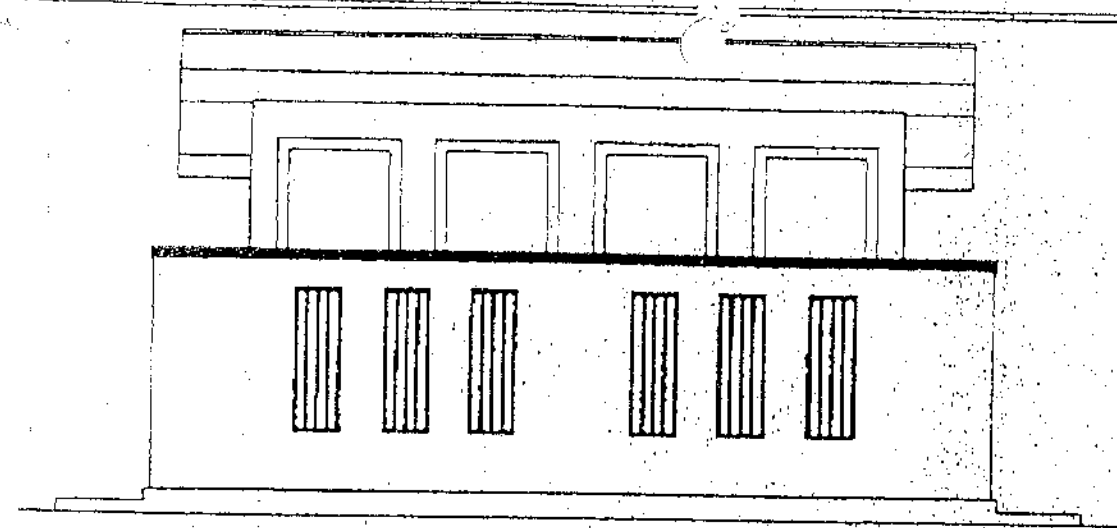
Chal
ARCHITECT

INTERSECTION OF THE WOODS

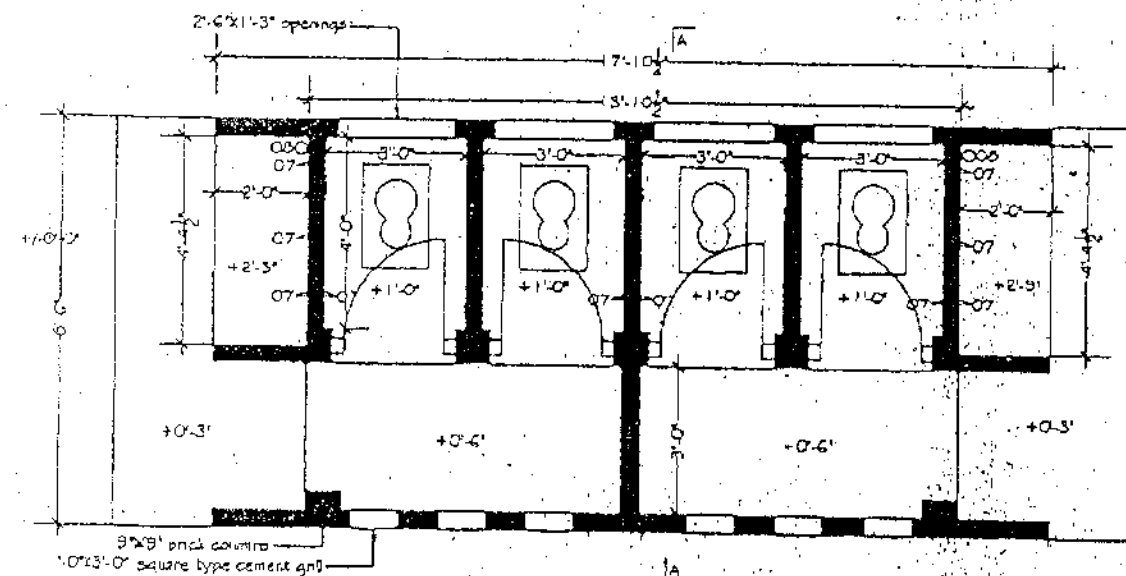
DATE	BOOK	APPROVAL	CASE NO.
07/14/2010		2222	10



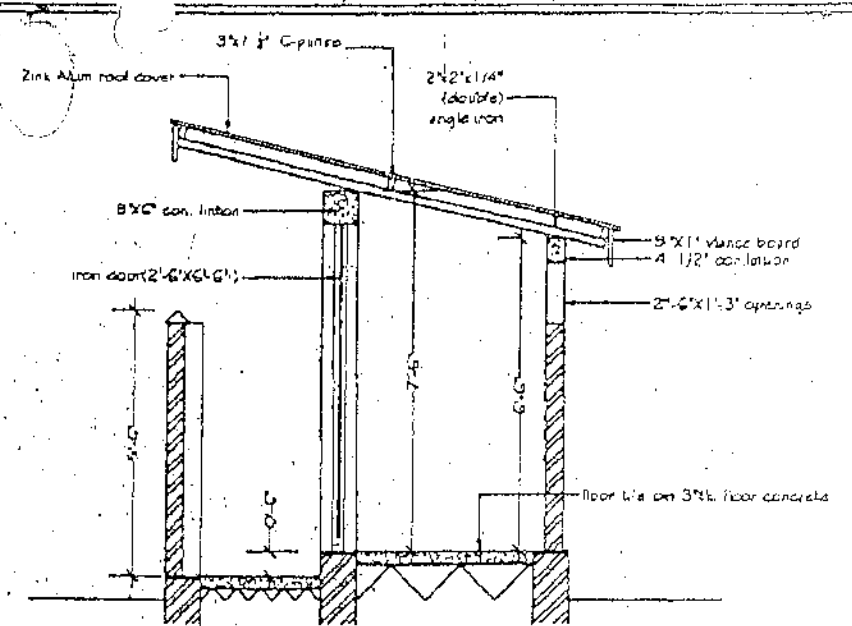
Foundation Details



Front Elevation



Floor Plan



Section A-A

Note:

01. Provide a gap of below toilet doors.
02. Toilet floors should be sloped to wards the squatting pan.
03. Floor finished with 8"x12" non slip ceramic floor tile on 3"tk 1:2 1/2:5 (1") concrete..
04. Wall finished with 8"x12" glazed ceramic wall tiles up to 4'-0" level F.F.L
05. 3'-0" wide pavement with drain around the building.
06. 2'-10"x6'-6" door
07. 1/2" Bib-tap.
08. Wash out pipe

PROJECT NAME

Construction of four unit toilet block
boys and girls

CLIENT

PROVINCIAL EDUCATION
DEPARTMENT

CONSULTANT

PROVINCIAL EDUCATION
DEPARTMENT
CIVIL ENGINEERING UNIT
NORTH CENTRAL PROVINCE,
ANURADHAPURA

DRAWING TITLE

FLOOR PLAN

PRO. NO

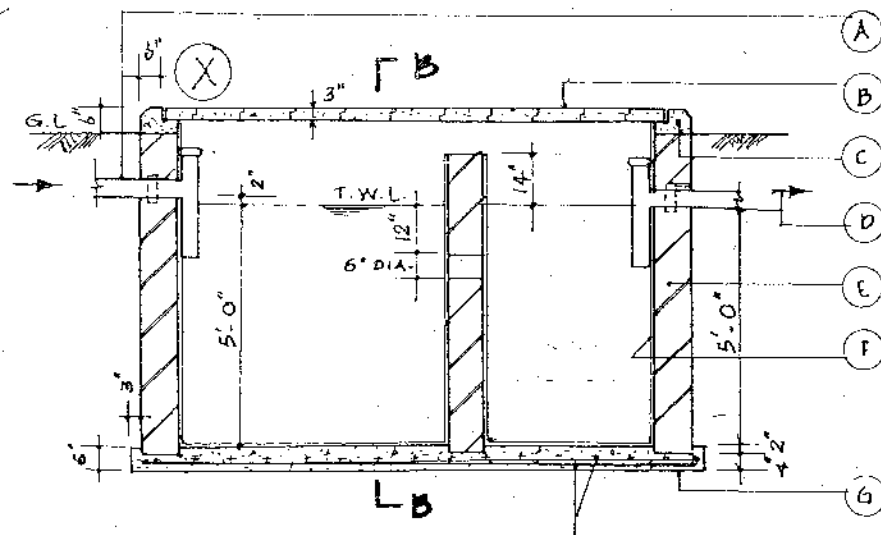
DWG NO

SCALE

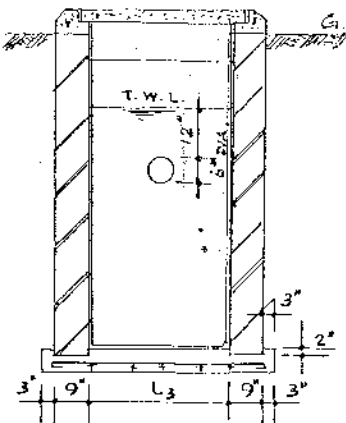
Anuradha Indrajith

DRAWN

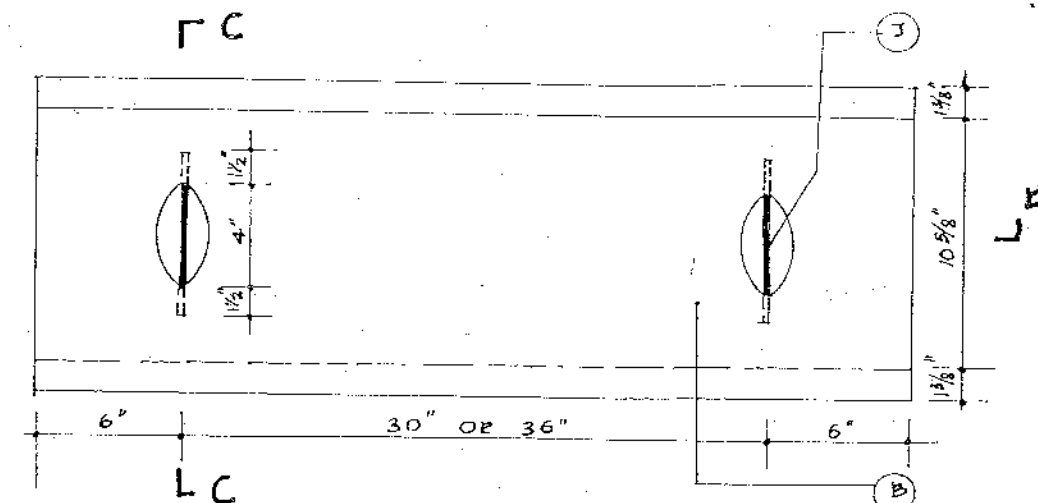
ARCHITECT



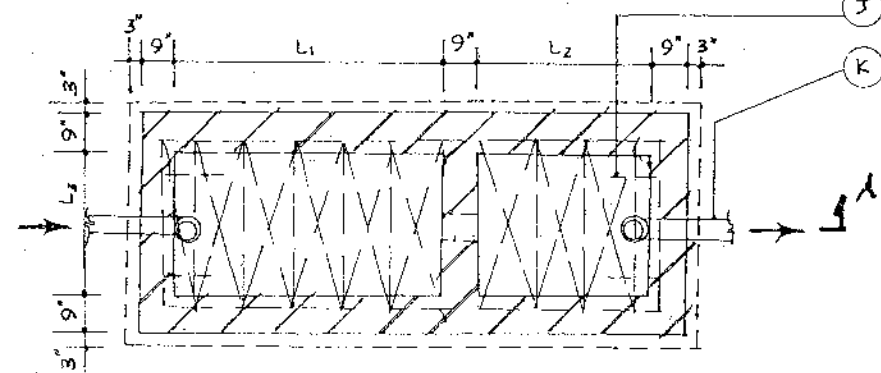
SECTION A-A



SECTION B-B



PLAN OF COVER



PLAN

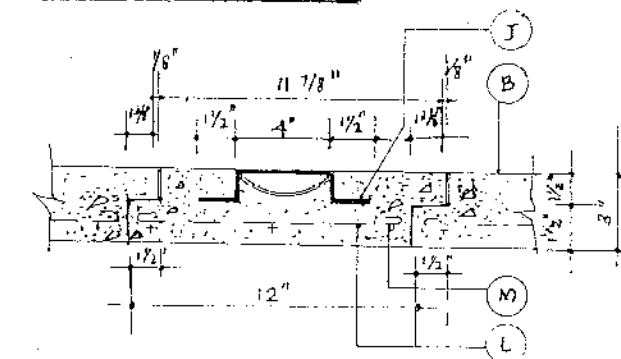
SCALE: 4 FEET TO AN INCH

DIMENSIONS OF SEPTIC TANKS				
PERSONS	L ₁ + L ₂	L ₁	L ₂	L ₃
30	7'-0"	4'-6"	2'-6"	3'-0"
40	8'-0"	5'-0"	3'-0"	-DO-
50	9'-0"	5'-6"	3'-6"	-DO-
60	10'-0"	6'-0"	4'-0"	-DO-
70	10'-0"	6'-6"	3'-6"	3'-6"
80	11'-0"	7'-0"	4'-0"	-DO-
90	12'-0"	7'-6"	4'-6"	-DO-
100	13'-0"	8'-6"	4'-6"	-DO-

NOTES:

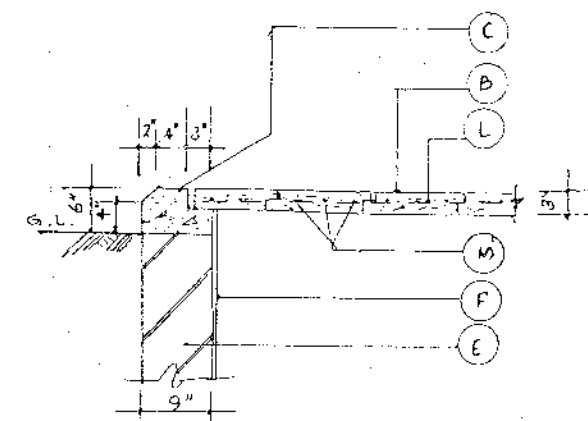
- THICKNESS OF THE WALL TO BE 13 1/2" IF TOTAL DEPTH BELOW GROUND LEVEL IS GREATER THAN 8'-0"
- FOUNDATION TO BE 6" THICK CT. CON. 1:2:4 (3/4") R/F WITH 3/8" DIA. BARS AT 9" CRS. BOTHWAYS
- INTERNAL FACE OF TANK TO BE RENDERED SMOOTH IN CT. MORTAR 1:2 3/4" THICK WITH 5% PUCCO
- SEPTIC TANK TO BE FILLED WITH WATER UP TO T.W.L. BEFORE BEING PUT INTO USE.
- FOR INLET & OUTLET CHAMBERS REFER DEG. NO. W.S.S. 511.00

- S.W. INLET PIPE PROVIDED WITH S.W.T. OR 1/4" THICK MILLA OR TEAK BAFFLE AS AN ALTERNATIVE
- 3" THICK CT. CON. 1:2:4 (3/4") REINFORCED PRE-CAST COVER SLABS. JOINTS TO BE FILLED WITH A MIXTURE OF BITUMAN AND SAND
- CT. CON. PAD 1:2:4 (3/4")
- EFFLUENT
- 9" THICK BRICK WORK IN CT. MORTAR 1:2
- 3/4" THICK CEMENT PLASTERING 1:2
- 6" THICK BASE SLAB 1:2:4 (3/4") NO SLOPE TO BE PROVIDED
- 3/8" DIA. BARS AT 9" CRS BOTHWAYS
- 2 NOS. SLABS ABOVE INLET & OUTLET TO BE WITH 3/8" DIA. M.S. LIFTING HANDLES AS PER DETAIL. ALL OTHERS WITHOUT LIFTING HANDLES
- S.W. OUTLET PIPE
- 1/4" DIA. BARS AT 12" CRS.
- 3 NOS. 3/8" DIA. BARS.



SECTION C-C

SCALE: 1/8" FULL SIZE



DETAIL AT (X)

SCALE: 2 FEET TO AN INCH

THIS IS A TRACING OF THE ORIGINAL DRAWING
DEG. NO. W.S.S. 174-02 OF 72.1.24

DIRECTOR (S.P.)