THE LUTHERAN WORLD FEDERATION

Somalia Area Program

Lutheran World Federation is seeking bids for the:

CONSTRUCTIONS OF FIVE (5) CLASSROOMS AND THREE (3) TWINS DISSABILITY FRIENDLY LATRINES IN CEELJALE 1 PRIMARY SCHOOL IN KISMAYO

S.NO	NAME	NO.OF CLASSROOMS	NO. OF DISABILITY FRIENDLY LATRINES	REMARKS:
1	CEELJAALE 1 PRIMARY SCHOOL	5	3(twin latrines)	Approx.16 km from Kismayo town.

KISMAYO, SOMALIA:

AUGUST 23RD 2024

A. INVITATION TO TENDER

Lutheran World Federation (LWF) invites tenders from approved and reputable building works Contractors for the above work.

A. INSTRUCTIONS TO TENDERERS.

1. General

1.1 Tenderers shall include the following information and documents with their Tenders, unless otherwise stated:

(a) Copies of Valid certificates of registration/incorporation from Public works and Housing
(b) Valid Certificate from Ministry of Trade and Commerce
(c) Tax compliance Certificate
(d) Security Clearance – JISA
(e) Dully filled, signed and stamped business questionnaire
(f) Dully filled, signed and stamped Form of Tender

1.2 The Tenderer shall bear all costs associated with the preparation and submission of his/her tender and LWF will in no case be responsible or liable for those costs.

1.3 The Tenderer, at the Tenderer's own responsibility and risk, is encouraged to visit and examine the site of the works and its surroundings, and obtain all information that may be necessary for preparing the tender and entering into a contract for construction of the Works. The costs of visiting the Site shall be at the Tenderer's own expense.

1.4 The procurement entity's employees, committee members, board members and their relative (spouse and children) are not eligible to participate in the tender.

2. Tender Documents

2.1 The complete set of tender documents comprises the documents listed here below: -

(a) These instructions to Tenderers
(b) Form of Tender
(c) Bills of Quantities/Schedule of Rates (whichever is applicable)
(d) Other materials required to be filled and submitted in accordance with these Instructions and Conditions

2.2 The Tenderer shall examine all instructions, forms and specifications in the tender documents. Failure to furnish all information required by the tender documents may result in rejection of his/her tender.

2.3 Prospective Tenderers making inquiries of the tendering documents may notify LWF in writing via email (procurement.kismayo@lutheranworld.org) at least a week before the closure of the tender. The LWF will respond to any request for clarification received earlier than five [5] days prior to the deadline for submission of tenders. Copies of LWF's response will be forwarded to all persons issued with tendering documents, including a description of the inquiry, but without identifying its source.

2.4 Before the deadline for submission of tenders, LWF may modify the tendering documents by issuing addenda. Any addendum thus issued shall be part of the tendering documents and shall be communicated in writing to all Tenderers. Prospective Tenderers shall acknowledge receipt of each addendum in writing to LWF.

3. Preparation of Tenders

3.1 All documents relating to the tender and any correspondence shall be in English language.

3.2 The tender submitted by the Tenderer shall comprise the following: -

(a) The Tender;

(b) Priced Bill of Quantities/Schedule of Rates for lump-sum Contracts

(c) Any other materials required to be completed and submitted by Tenderers.

3.3 The Tenderer shall fill in rates and prices for all items of the Works described in the Bill of Quantities/Schedule of Rates. Items for which no rate or price is entered by the Tenderer will not be paid for when executed and shall be deemed covered by the other rates and prices in the Bill of Quantities/Schedule of Rates.

3.4 The rates and prices quoted by the Tenderer shall not be subject to any adjustment during the performance of the Contract.

3.5 The unit rates and prices shall be in USD.

3.6 The Tenderer shall prepare one original of the documents comprising the tender documents as described in these Instructions to Tenderers.

3.7 The original shall be typed or written in indelible ink and shall be signed by a person or persons duly authorized to sign on behalf of the Tenderer. The person or persons signing the tender shall initial all pages of the tender where alterations or additions have been made.

3.8 Clarification of tenders shall be requested by the tenderer to be received by the procuring entity not later than 5 days prior to the deadline for submission of tenders.

3.9 The procuring entity shall reply to any clarifications sought by the tenderer within 3 days of receiving the request to enable the tenderer to make timely submission of its tender.

4. Submission of Tenders

1. The tender shall be duly filled and dropped at LWF EARC OFFICE in Kismayo Next to (Kismayo University) clearly marked **"Construction of Five Classrooms and Three twin latrines at Ceeljale 1 Primary School, Kismayo"**

4.1 Tenders shall be delivered to LWF's Educational Assessment and Resource Centre (EARC), Kismayo address specified above not later than the time and date specified in the invitation to tender.

4.2 Any tender received after the deadline for opening tenders will be returned to the tenderer un- opened.

5. Tender Opening and Evaluation

5.1 The tenders will be opened immediately after the closure of the bid by the tender opening committee. Tenderers are not expected to attend the opening and evaluation.

5.2 The Tenderers' names, the total amount of each tender and such other details as may be considered appropriate, will be announced at the opening by The Authority. Minutes of the tender opening, including the information disclosed to those present will also be prepared by LWF's procurement officer.

5.3 Information relating to the examination, clarification, evaluation and comparison of tenders and recommendations for the award of the Contract shall not be disclosed to Tenderers or any other persons not officially concerned with such process until the award to the successful Tenderer has been announced. Any effort by a Tenderer to influence LWF's officials, processing of tenders or award decisions may result in the rejection of his tender.

5.4 Tenders determined to be substantially responsive will be checked for any arithmetic errors. Errors will be corrected as follows:

(a) where there is a discrepancy between the amount in figures and the amount in words, the amount in words will prevail; and

(b) where there is a discrepancy between the unit rate and the line item total resulting from multiplying the unit rate by the quantity, the unit rate as quoted will prevail, unless in the opinion of LWF's representative, there is an obvious typographical error, in which case the adjustment will be made to the entry containing that error.

(c) In the event of a discrepancy between the tender amount as stated in the Form of Tender and the corrected tender figure in the main summary of the Bill of Quantities/Quotation, the amount as stated in the Form of Tender shall prevail. The Error Correction Factor shall be computed by expressing the difference between the tender amount and the corrected tender sum as a percentage of the Corrected Builder's Work (i.e. corrected tender sum less P.C. and Provisional Sums).

(e) The Error Correction Factor shall be applied to all Builders' Work (as a rebate or addition as the case may be) for the purposes of valuations for Interim Certificates and valuation of variations.

(f) The amount stated in the tender will be adjusted in accordance with the above procedure for the correction of errors and with concurrence of the Tenderer, shall be considered as binding upon the Tenderer. If the Tenderer does not accept the corrected amount, the tender may be rejected and the Tender Security forfeited.

5.5 The tender evaluation committee shall evaluate the tender within 14 days of the validity period from the date of opening the tender.

5.7 Where contract price variation is allowed, the valuation shall not exceed 15% of the original contract price.

5.8 Price variation requests shall be processed by the procuring entity within 30 days of receiving the request.

5.9 Preference where allowed in the evaluation of tenders shall not exceed 15%

5.10 To assist in the examination, evaluation, and comparison of tenders, LWF at its discretion, may request [in writing] any Tenderer for clarification of the tender, including breakdowns of unit rates. The request for clarification and the response shall be via email but no change in the tender price or substance of the tender shall be sought, offered or permitted.

5.7 The Tenderer shall not influence LWF on any matter relating to the tender from the time of the tender opening to the time the Contract is awarded. Any effort by the Tenderer to influence LWF or his employees in his decision on tender evaluation, tender comparison or Contract award may result in the rejection of the tender.

6. Award of Contract

6.1 The award of the Contract will be made to the Tenderer who has offered the best evaluated tender price.

6.2 Notwithstanding the provisions of clause 6.1 above, LWF reserves the right to accept or reject any tender and to cancel the tendering process and reject all tenders at any time prior to the award of Contract without thereby incurring any liability to the affected Tenderer or Tenderers or any obligation to inform the affected Tenderer or Tenderers of the grounds for the action.

6.3 The Tenderer whose tender has been accepted will be contacted via phone and email and enter into written contract.

6.4 The procuring entity may at any time terminate procurement proceedings before contract award and shall not be liable to any person for the termination.

6.5 The procuring entity shall give prompt notice of the termination to the tenderers and on request give its reasons for termination within 7 days of receiving the request from any tenderer.

7 Corrupt and fraudulent practices

7.1 The procuring entity requires that the tenderer observes the highest standard of ethics during the procurement process and execution of the contract. A tenderer shall sign a declaration that he has not and will not be involved in corrupt and fraudulent practices.

7.2 The procuring entity will reject a tender if it determines that the tenderer recommended for award has engaged in corrupt and fraudulent practices in competing for the contract in question.

7.3 Further a tenderer who is found to have indulged in corrupt and Fraudulent practices, risks being debarred from participating in LWF procurement

B. EVALUATION

i) Evaluation Criteria

The tender document submitted will be evaluated in three (3) stages; - General Mandatory, Technical Capacity and Financial. The evaluation process will be in stages as follows: -

1. General Mandatory–Pass/Fail
2. Technical Capacity Evaluation– Pass mark of 60%
3. Financial – Lowest Cost Evaluated bidder

ii) Mandatory Evaluation

The bids shall undergo a general pre-qualification process in order to determine bid compliance to the following mandatory requirements. Tenderers are required to comply to the following requirements, failure to which the firm shall not proceed with the next stage of evaluation: -

NO.	REQUIREMENTS	Pass	Fail
M1	Valid Certificate of Registration/Incorporation from Public works and Housing		
M2	Valid Tax Compliance Certificate		
M3	Valid certificate from Ministry of trade and Commerce		
M4	Security Clearance - JISA		
M5	Dully filled, signed and stamped business questionnaire		
M6	Dully filled, signed and stamped Form of Tender		

Failure to submit any of the above-mentioned documentation, will lead to disqualification of the firm at the mandatory stage. The bidders that will meet all the mandatory requirements above will qualify to proceed to technical evaluation stage.

iii) Technical Evaluation

The score for the Technical Evaluation is 60%. Bidder (s) are required to attain highest scores in the technical requirements, failure to which the firm shall not proceed to the next stage of financial evaluation stage.

iv) Financial Evaluation

The bids that qualify at the Technical Capacity evaluation stage will be subjected to financial evaluation to determine the winner. The lowest evaluated bidder will be considered for award of tender.

The score for the Financial Evaluation is 40%.

ITEMS REQUIRED	DETAILS OF ATTACHMENT REQUIRED	
A: TECHNICAL EVALUATION		100% = (60%)
1) PAST EXPERIENCE 30%	**Signed completion certificates.** (LWF will confirm the eligibility of the certificates)	30%
2) PERSONNEL 20%	Name, Title and Qualification of Supervisor with construction certificate	6%
	Name, Title and Qualification of foreman with construction certificate	6%
	Copies of CV, 2 certificates from institution	8%
3) BANK ACCOUNT 15%	5 months Authenticated bank statement	15%
4) PLANT & EQUIPMENT 25%	Name 5 relevant Equipment	5%
	Proof of each (Log book, receipt, or Lease)	20%
5) TIME COMMITMENT (10%)	Work plan	10%
		Total: 100%
B: FINANCIAL EVALUATION: Priced BoQ		40%

FORM OF TENDER

TO: _____*[Name of Employer)* _____*[Date]*

_____ *[Name of Contract]*

Dear Sir/Madam

1. In accordance with the Conditions of Contract and Bills of Quantities for the execution of the above-named Works, we, the undersigned offer to construct, install and complete such Works and remedy any defects therein for the sum of USD. _____*[Amount in figures]*

   US Dollars_____*[Amount in words]*

2. We undertake, if our tender is accepted, to commence the Works as soon as is reasonably possible after the receipt of the Project Manager's notice to commence, and to complete the whole of the Works comprised in the Contract within the time stated in the Appendix to Conditions of Contract.

3. We agree to abide by this tender until_____*[Insert date]*, and it shall remain binding upon us and may be accepted at any time before that date.

4. Unless and until a formal Agreement is prepared and executed this tender together with your written acceptance thereof, shall constitute a binding Contract between us.

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

Dated this_____day of_____2024

Signature_____in the capacity of_____

Duly authorized to sign tenders for and on behalf of

_____ *[Name of Employer]*

of_____[*Address of Employer]*

Witness; Name_____

Address_____

Signature_____

Date_____

TENDER QUESTIONNAIRE

Please fill in block letters.

1. Full names of tenderer

   ……

2. Full address of tenderer to which tender correspondence is to be sent (unless an agent has been appointed below)

   ……

3. Telephone number (s) of tenderer

   ……

4. Email address of tenderer

   ……

5. Name of tenderer's representative to be contacted on matters of the tender during the tender period

   ……

_____

Signature of Tenderer

THE LUTHERAN WORLD FEDERATION

actalliance

Somalia Sub Program

Bills of Quantities

for the

CONSTRUCTION FIVE (5) NEW PERMANENT CLASSROOMS AND THREE (3) TWIN DISSABILITY FRIENDLY LATRINES AT CEELJAALE 1 PRIMARY SCHOOL, KISMAYO.

LOCATION:

Kismayo

SUBMISSION DEADLINE.:

19TH SEPTEMBER 2024

1700 HR

BOQ FOR CONSTRUCTION OF THREE CLASSROOMS (3 CLASSROOMS, SIZE: 9m by 9m including verandah)

S.N	Item Description	Units	Qty	Unit Rate (USD)	Total Amount (USD)
A)	**SITE CLEARANCE**				
1	Clear the site from debris, Scrap Metals, trees, existing foundations and loose Materials, garbages & levelling all over the yard and clear from the garbages after finishing works.as approved by an Engineer	Sqm	2,500.00		
B)	**CONSTRUCTION OF 3 LASSROOMS**				
1)	**FOUNDATION WORKS**				
1.1	Foundation trench excavations dug with manpower using hand tools 60cm wide and 100cm deep.as approved by an Engineer	Cum	28.18		
1.2	Provide and Lay at the bottom of excavated trenches 50mm of blinding PCC.As approved by an Engineer	Cum	4.70		
1.3	Provide and Construct 40 cm foundation stone wall. all joints between stones should be filled with 1:4 cement/sand mortar including refilling of foundation trenches. Minimum height of the foundation wall from the Ground level is 40cm.as approved by an Engineer	Cum	45.86		
1.4	Provide and Fill in 36 cm thick well compacted hardcore.as approved by an Engineer	Cum	87.48		
2)	**FLOOR CONSTRUCTION**				
2.1	Provide and Construct RCC Foundation level ring beam (40x20) cm 1:2:3 ratio with 4 nos 12mm y-bars and 20cm R6 c/c staffs .as approved by an Engineer	Cum	9.39		
2.2	Provide and Construct 10 cm thick 1:3:6 concrete floor, cast on site for the whole building and teacher plat forms ,Concrete ramp.as approved by an Engineer	Cum	27.47		
2.3	Provide and Construct 4cm Cement and sand screed flooring smoothly trowel finished with ratio 1:3.	Cum	10.01		
3)	**WALL CONSTRUCTION**				

3.1	Provide and Construct 20 cm thick Cement hallow block wall with 1:3 cement/sand mortar.as approved by an Engineer	Sqm	339.92		
3.2	Provide and Construct RCC continues lintels with 4 nos 12mm y-bars and 6mm dia stirrup 20cm c/c through out the building including roof beam.as approved by an Engineer	Cum	7.04		
3.3	Provision and fixing of R.C.ring beam with 4 nos 8mm ray-bars and 6mm dia staffs c/c 40cm above the parapet wall of the veranda..as approved by an Engineer	Cum	0.95		
3.4	Provide and install RCC veranda colomns 20x20cm with 4 nos 12mm y-bars and 6mm dia stirrup 20cm c/c @ 2.5m c/c.as approved by an Engineer	Cum	0.76		
3.5	Provide and Construct Vent Blocks for the parapet wall of the verandah at 100 cm high.as approved by an Engineer	Sqm	19.08		
3.6	Provide and Construct(30x120cm) Ventilation blocks above the back,front windows and doors.as approved by an Engineer	Sqm	4.05		
3.7	Construction of RCC sun shade with 10 mm y-bars c/c 20cm above the back windows of the classrooms.as approved by an Engineer	Cum	1.22		
4)	**ROOF CONSTRUCTION**				
4.1	Supply and fix box profile iron sheets gauge #28 with timber roof trusses c/c 120cm. All the roof trusses should be anchored with 6 mm dia. bars in the concrete roof lintel. Roof purlins should be 8x4 cm and at gable ends should be anchored with 6 mm dia. bars, flat metal sheet should be anchored where trusses and purlins meet for the Classrooms and Vearandah.as approved by an Engineer	Sqm	333.60		
4.2	Fixing 8mm laminated ceiling board(the White one with the black lines) completed with 50x50cm ceiling joists c/c 60 cm for all classrooms and verandah. as approved by an Engineer	M^2	244.60		
4.3	Supply and Install Fascia board 20cm. as approved by an Engineer	Lm	77.00		
5)	**PLASTERING & PAINTING**				
5.1	Provide and apply Internal and external walls plastering 20mm thick mortar ratio 1:3. as approved by an Engineer	Sqm	758.80		

5.2	Provide and apply two coates of white washing using Premier paint to all external and internal walls .as approved by an Engineer	Sqm	773.92		
5.3	Provide and apply two coates of emultion painting internal and external walls . as approved by an Engineer	Sqm	773.92		
5.4	Provide and apply two coat of gloss paint on fascia board.as approved by an Engineer	Sqm	30.8		
6)	**DOORS & WINDOWS**				
6.1	Supply and install high-quality metal doors (120x210 cm) for classrooms using 'Abuubariis metal' stainless box material. Complete with locks, hinges, and internal painting as per Engineer's specifications. Comply with approved standards and obtain necessary approvals and inspections.	N0	3.00		
6.2	Supply and install 2 leafs steel windows, each leaf should be divided into 2 sections vertically which can be openable with , (150x120) cm. including locks, hinges and painting.as approved by an Engineer	N0	15.00		
6.3	Provision of White or Blackboard 120x300cm 12mm thick plywood fixed to the walls including frame in all classrooms.as approved by an Engineer	NO	3.00		
7)	**Electricity Installation**				
7.1	Provide and Install electricity to the Two Classrooms ,Verandah and Latrines including plastic pipes inside walls ,wires, sockets, switches, lamps and breakers.as approved by an Engineer	Ls	1.00		
8	**Grand Total For construction of one block of Three classrooms**				

BOQ FOR CONSTRUCTION OF TWO CLASSROOMS (2 CLASSROOMS, SIZE: 9m by 9m including verandah)					
S.N	**Item Description**	**Units**	**Qty**	**Unit Rate (USD)**	**Total Amount (USD)**
A)	**SITE CLEARANCE**				
1	Clear the site from debris, Scrap Metals,trees and loose materials,garbages & levelling all over the yard and clear from the garbages after finishing works.as approved by an Engineer	Sqm	178.56		
B)	**CONSTRUCTION OF 2 CLASSROOMS**				
1)	**FOUNDATION WORKS**				
1.1	Foundation trench excavations dug with manpower using hand tools 60cm wide and 100cm deep.as approved by an Engineer	Cum	19.80		

1.2	Provide and Lay at the bottom of excavated trenches 50mm of blinding PCC.As approved by an Engineer	Cum	3.30		
1.3	Provide and Construct 40 cm foundation stone wall. all joints between stones should be filled with 1:4 cement/sand mortar including refilling of foundation trenches. Minimum height of the foundation wall from the Ground level is 40cm.as approved by an Engineer	Cum	31.50		
1.4	Provide and Fill in 50 cm thick well compacted hardcore.as approved by an Engineer	Cum	64.28		
2)	**FLOOR CONSTRUCTION**				
2.1	Provide and Construct RCC Foundation level ring beam (40x20) cm 1:2:3 ratio with 4 nos 12mm y-bars and 20cm R6 c/c staffs .as approved by an Engineer	Cum	6.60		
2.2	Provide and Construct 10 cm thick 1:3:6 concrete floor, cast on site for the whole building and teacher plat forms ,Concrete ramp.as approved by an Engineer	Cum	20.60		
2.3	Provide and Construct 4cm Cement and sand screed flooring smoothly trowel finished with ratio 1:3.	Cum	7.29		
3)	**WALL CONSTRUCTION**				
3.1	Provide and Construct 20 cm thick Cement hallow block wall with 1:3 cement/sand mortar.as approved by an Engineer	Sqm	251.89		
3.2	Provide and Construct RCC continues lintels with 4 nos 12mm y-bars and 6mm dia stirrup 20cm c/c through out the building including roof beam.as approved by an Engineer	Cum	5.11		
3.3	Provision and fixing of R.C.ring beam with 4 nos 8mm ray-bars and 6mm dia staffs c/c 40cm above the parapet wall of the veranda..as approved by an Engineer	Cum	0.68		
3.4	Provide and install RCC veranda colomns 20x20cm with 4 nos 12mm y-bars and 6mm dia stirrup 20cm c/c @ 2.5m c/c.as approved by an Engineer	Cum	0.54		
3.5	Provide and Construct Vent Blocks for the parapet wall of the verandah at 100 cm high.as approved by an Engineer	Sqm	13.56		
3.6	Provide and Construct(30x120cm) Ventilation blocks above the back,front windows and doors.as approved by an Engineer	Sqm	2.70		
3.7	Construction of RCC sun shade with 10 mm y-bars c/c 20cm above the back windows of the classrooms.as approved by an Engineer	Cum	0.82		

4)	**ROOF CONSTRUCTION**				
4.1	Supply and fix box profile iron sheets gauge #28 with timber roof trusses c/c 120cm. All the roof trusses should be anchored with 6 mm dia. bars in the concrete roof lintel. Roof purlins should be 8x4 cm and at gable ends should be anchored with 6 mm dia. bars, flat metal sheet should be anchored where trusses and purlins meet for the Classrooms and Vearandah.as approved by an Engineer	Sqm	223.20		
4.2	Fixing 8mm laminated ceiling board(the White one with the black lines) completed with 50x50cm ceiling joists c/c 60 cm for all classrooms and verandah. as approved by an Engineer	M^2	162.40		
4.3	Supply and Install Fascia board 20cm. as approved by an Engineer	Lm	48.20		
5)	**PLASTERING & PAINTING**				
5.1	Provide and apply Internal and external walls plastering 20mm thick mortar ratio 1:3. as approved by an Engineer	Sqm	561.06		
5.2	Provide and apply two coates of white washing to all external and internal walls .as approved by an Engineer	Sqm	571.86		
5.3	Provide and apply two coates of emultion painting internal and external walls . as approved by an Engineer	Sqm	571.86		
5.4	Provide and apply two coat of gloss paint on fascia board.as approved by an Engineer	Sqm	19.3		
6)	**DOORS & WINDOWS**				
6.1	Supply and install high-quality metal doors (120x210 cm) for classrooms using 'Abuubariis metal' stainless box material. Complete with locks, hinges, and internal painting as per Engineer's specifications. Comply with approved standards and obtain necessary approvals and inspections.	NO	2.00		
6.2	Supply and install 2 leafs steel windows, each leaf should be divided into 2 sections vertically which can be openable with , (150x120) cm. including locks, hinges and painting.as approved by an Engineer	NO	10.00		
6.3	Provision of White or Blackboard 120x300cm 12mm thick plywood fixed to the walls including frame in all classrooms.as approved by an Engineer	NO	2.00		

7)	**Electricity Installation**				
7.1	Provide and Install electricity to the Two Classrooms ,Verandah and Latrines including plastic pipes inside walls ,wires, sockets, switches, lamps and breakers.as approved by an Engineer	Ls	1.00		
8	**Grand Total For construction of one block of Two classrooms**				

	SUMMARY	
No	**DESCRIPTION**	**AMOUNT IN USD**
1	**CONSTRUCTION OF THREE CLASSROOMS**	**$ -**
2	**CONSTRUCTION OF TWO CLASSROOMS**	**$ -**
GRAND TOTAL		**$ -**

CONSTRUCTION OF ONE PERMANENT TWIN LATRINES					
BILL NO.	**DESCRIPTION**	**UNIT**	**QTY**	**UNIT PRICE (USD)**	**AMOUNT (USD)**
	DIMENSIONS 3.6 X2.4 METERS				
	Site clearance				
1	Clear area to free loose soils, remove top soils ready for excavation	SM	20.00		
2	Excavate for foundation trench commencing at reduced level but not exceeding 1.5m deep.	CM	12.00		
3	Return fill and ram selected excavated material around foundations.	CM	6.70		
4	Load and remove from site surplus excavated materials	CM	5.30		
5	Approved selected fill : well compacted in 150mm thick layers to make up levels	CM	3.78		
	Concrete Work (including reinforcement)				
	VIBRATED REINFORCED CONCRETE CLASS 20 MIX 1:2:4 (20MM AGGREGATE) , price includes formwork:				
7	150mm Thick ground floor slab	CM	1.20		
8	300mm thick wall footings	CM	0.22		
9	0.25x0.30 ground beams	CM	0.90		
	Masonry works				
10	Build solid concrete blocks wall as per drawing, including the price of materials and other related works.	SM	35.00		
11	Construct 450 mm wide splash apron around the builkding. Price includes blockwork , earth infill and 100 slab on top.	SM	6.00		
	Roofing				
12	GI prepainet corrugated roofing sheets 10% degree slope on appropriate rafters , tie beam and ties and all roofing assessories	SM	12.00		
	Doors				
14	900x 2100 mm steel metal door	Nos	2.00		
	Windows				
15	600x600mm steel net	Nos	2.00		
	Finishes (internal and external)				
	INTERNAL LIME PLASTER First coat of cement lime and sand (1:2:9) : second coat of cement, lime putty and sand (1:1.6) Steel trowelled smooth				
16	12mm Thick two coat work to walls, internally	SM	25.88		
17	12mm Thick two coat work to walls, externally	SM	18.00		

	PAINTING AND DECORATING (internal and external) - color should be coordinated with school authorities				
	PREPARE AND APPLY ONE MIST COAT AND THREE COATS silk vinyl emulsion paint internally on:				
18	Plastered surfaces internally	SM	38.00		
19	Externally selected paint	SM	28.00		
	Floor Finish				
	Drainage & Fittings				
22	Install all sanitary fittings including hand wash basin, toilet pans, disability railings	Sets	2.00		
	Construct Ram of two steps and disability friendly ram	item	1.00		
23	Construct 1.8x2.0 meter septic tank include PVC pipe drainage pipe installation to toilet 3 meters deep	Nos	1.00		
total amount for one twin latrine					
	total amount three twin latrines				

Material's Specifications

S.No	Item Specification
1	Before the work started, site should be cleared from debris, Scrap Metals, trees and loose materials, garbages and has to be levelled all over the Construction area and also should be cleared from the remaining of the construction materials and garbages after finishing the work.
2	Boulders to be used in construction of Masonry wall, Should have good strength and appearance and should have a size between 5cm to 20cm.
3	Course & good quality sand free from organic matters, clay & wild roots, leaves. should be well graded as approved by an Engineer.
4	Crush should be well graded, angular, not flaky & should be free from clay & silt. Of size 2 cm & down as approved by an Engineer.
5	Water should be drinkable water and free from organic matters, salt as approved by an Engineer.
6	Good quality Ordinary Portland Cement of 50 kg bag as approved by an Engineer.
7	Box profile iron sheets gauge #28, free from rusting and damages. BPI size should not be less than 100cmx300cm as approved by an Engineer.
8	White wood to be used in the construction, Should be straight ,having desired size and good appearance and should not be sapwood or have Knots as approved by an Engineer.
9	Hot Rolled Deformed Steel of grade 40. as approved by an Engineer.
10	Ordinary wire nails No. 6,5,2 including Cap nails for the BPI Sheet fixation as approved by an Engineer.
11	Good quality paint should be used for Fasica Board and the color will be approved by an engineer.
13	External and internal steel metal latches (pad bolts) and hinges as approved by an Engineer
14	Metal doors and windows using Polished stainless steel plate - 4mm stainless steel plate.

MEASUREMENT DETAILS OF THE CONSTRUCTION OF THREE CLASSROOMS								
S.NO	ITEMS DETAIL/DESCRIPTION	No of Units	Length	Width	Depth/Height	Area	Qty	
			(M)	(M)	(M)	Sqm		Unit
A)	**SITE CLEARANCE**							
	Clear the Site	1.00	27.00	9.00		243.00	243.00	Sqm
B)	**CONSTRUCTION OF TWO CLASSROOMS**							
1.0	**FOUNDATION WORK**							
1.1	Foundation trench excavation							
	Horizontal Walls	3.00	27.80	0.40	0.60		20.02	Cum
	Vertical walls	4.00	8.50	0.40	0.60		8.16	Cum
	Sub Total						**28.18**	**Cum**
1.2	**Lay at the bottom of excavated PCC**							
	Horizontal Walls	3.00	27.80	0.40	**0.10**		3.34	Cum
	Vertical walls	4.00	8.50	0.40	**0.10**		1.36	Cum
	Sub Total						**4.70**	**Cum**
1.3	Construction of Masonry Foundation Stone wall							
	Horizontal Walls	3.00	27.80	0.40	0.90		30.02	Cum
	Vertical walls	4.00	8.50	0.40	0.90		12.24	Cum
	Stairs	2.00	3.00	1.20	**0.50**		3.60	Cum
	Sub Total						**45.86**	**Cum**
1.4	Fill in Hard core							
	Fill selected material	**1.00**	27.00	**9.00**	**0.36**		87.48	Cum
	Sub Total						**87.48**	**Cum**
2.0	**FLOOR CONSTRUCTION**							
2.1	**Construction of RCC Foundation level ring beam**							
	Horizontal Walls	3.00	27.80	0.40	**0.20**		6.67	Cum
	Vertical walls	4.00	8.50	0.40	**0.20**		2.72	Cum
	Sub Total						**9.39**	**Cum**

2.1	Construct 10 cm thick concrete Floor							
	Floor	1.00	27.00	**9.00**	0.10		24.30	Cum
	Concrete ramp	1.00				**1.88**	1.88	Cum
	Teachers platforms	3.00	2.40	**1.20**	0.15		1.30	Cum
	Sub Total						**27.47**	**Cum**
2.2	Construct 4 cm Cement and sand screed							
	Floor	1.00	27.00	**9.00**	0.04		9.72	Cum
	Stairs	2.00	3.00	1.20	**0.04**		0.29	Cum
	Sub Total						**10.01**	**Cum**
3.0	**Wall Construction**							
3.1	Construction of 20cm thick Hallow block Wall.							
	Horizontal Walls	2.00	27.00		3.50		**189.00**	Sqm
	Vertical walls	4.00	8.50		3.50		**119.00**	Sqm
	Front Additional Wall	1.00	31.80		0.40		**12.72**	Sqm
	Gable Walls	2.00				9.60	**19.20**	Sqm
	Sub Total						**339.92**	**Sqm**
3.2	Provision and fixing of 20x20 cm R.C.C Lintel and Roof beam							
	Horizontal Walls	2.00	27.00	0.20	0.20		4.32	Cum
	Vertical walls	4.00	8.50	0.20	0.20		2.72	Cum
	Sub Total						**7.04**	**Cum**
3.3	Provision and fixing of 10x30 cm R.C.C Beam for the Parapet wall							
	Beam	1.00	31.80	0.30	0.10		0.95	Cum
	Sub Total						**0.95**	**Cum**
3.4	Provision and Install 20X20 cm RCC Columns							
		7.00	0.20	0.20	2.70		**0.76**	**Cum**
	Sub Total						**0.76**	**Cum**

3.5	Construction of Vent blocks Wall.							
	Horizontal Walls	1.00	31.80		0.60		**19.08**	Sqm
	Sub Total						**19.08**	**Sqm**
3.6	Construction of Vent blocks Wall.							
	Horizontal Walls	9.00	1.50		0.30		**4.05**	Sqm
	Sub Total						**4.05**	**Sqm**
3.7	Provision and fixing of 20x20 cm R.C.C Sunshade							
	Sunshade	9.00	1.70	0.40	0.20		1.22	Cum
	Sub Total						**1.22**	**Sqm**
4.0	**Roof Construction**							
4.1	Roofing with 28 gauge BP Iron sheets.							
	Classrooms	1.00			0.00	333.60	333.60	**Sqm**
	Sub Total						**333.60**	**Sqm**
4.2	Laminated ceiling board.							
	Classrooms	1.00	0.00	0.00	0.00	189.00	189.00	**Sqm**
	Verandah	1.00	0.00	0.00	0.00	55.60	55.60	
	Sub Total						**244.60**	**Sqm**
4.3	Fascia board 20cm	1.00	77.00		0.20		77.00	**Lm**
	Sub Total						**77.00**	**Lm**
5.0	**Plastering & Painting**							
5.1	Apply plastering in the							
	Horizontal Walls	2.00	27.00		3.50		**378.00**	Sqm
	Vertical walls	4.00	8.50		3.50		**238.00**	Sqm
	Front additional Wall	1.00	31.80		1.80		**114.48**	Sqm
	Gable Walls	2.00				9.60	**38.40**	Sqm
	Vent Block wall	9.00	1.50		0.30		**8.10**	Sqm
	Columns	7.00	4.00	0.20	2.70		**15.12**	Sqm
	Deduction for doors, and Window						**-33.30**	**Sqm**

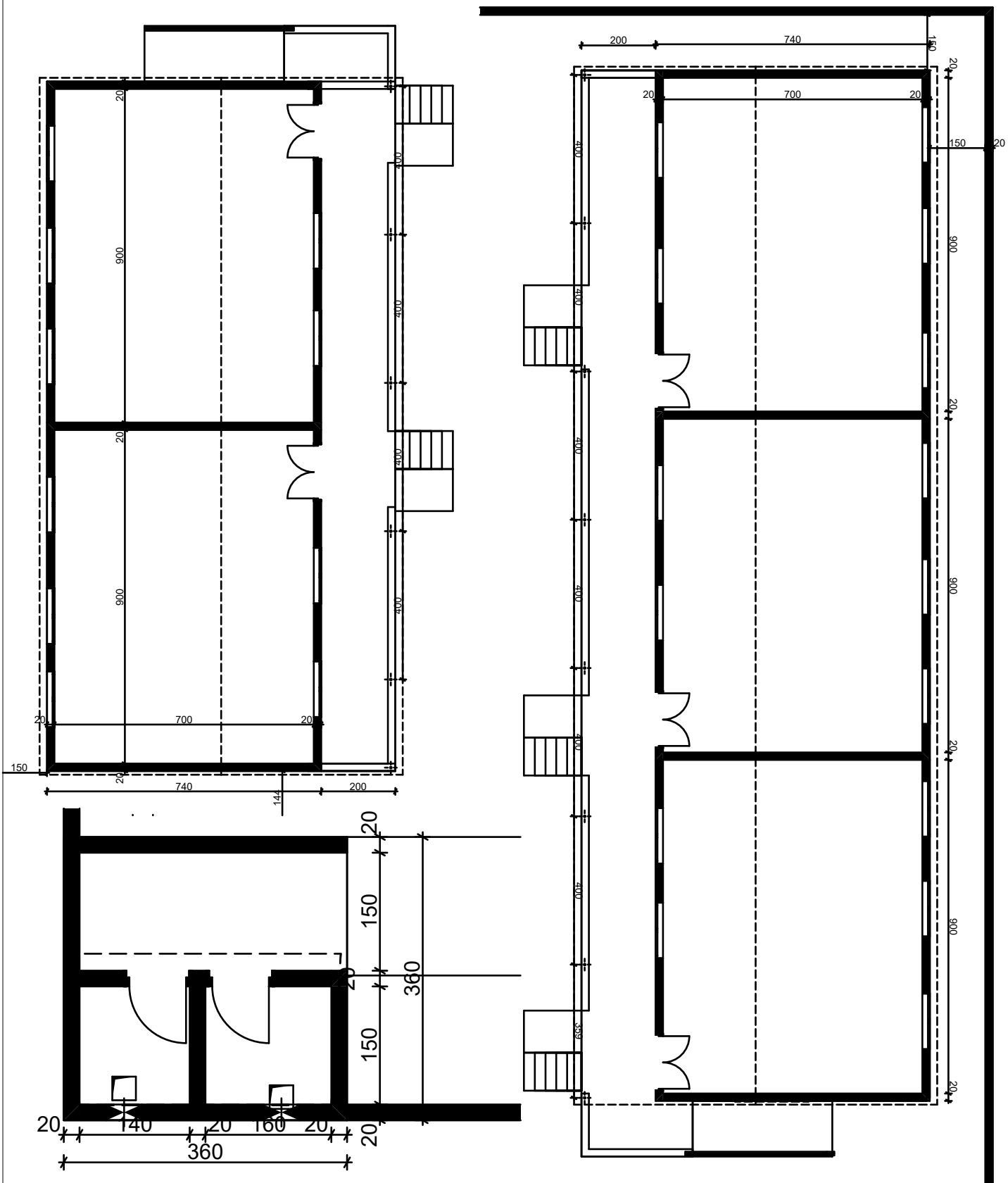
	Sub Total						**758.80**	**Sqm**
5.2	Apply two coates of White washing .							
	Horizontal Walls	2.00	27.00		3.50		**378.00**	Sqm
	Vertical walls	4.00	8.50		3.50		**238.00**	Sqm
	Front additional Wall	1.00	31.80		1.80		**114.48**	Sqm
	Gable Walls	2.00				9.60	**38.40**	Sqm
	Vent Block wall	9.00	1.50		0.30		**8.10**	Sqm
	Columns	7.00	4.00	0.20	2.70		**30.24**	Sqm
	Deduction for doors, and Window						**-33.30**	**Sqm**
	Sub Total						**773.92**	**Sqm**
5.3	Apply two coates of painting							
	Horizontal Walls	2.00	27.00		3.50		**378.00**	Sqm
	Vertical walls	4.00	8.50		3.50		**238.00**	Sqm
	Front additional Wall	1.00	31.80		1.80		**114.48**	Sqm
	Gable Walls	2.00				9.60	**38.40**	Sqm
	Vent Block wall	9.00	1.50		0.30		**8.10**	Sqm
	Columns	7.00	4.00	0.20	2.70		**30.24**	Sqm
	Deduction for doors, and Window						**-33.30**	**Sqm**
	Sub Total						**773.92**	**Sqm**
5.4	Apply two coates of Gloss paint to the fascia board	1.00	77.00		0.20		30.80	Sqm
	Sub Total						**30.80**	**Sqm**
6.0	**Door & Windows**							
6.1	Door	3.00	1.00		2.10		6.30	**Sqm**
6.2	Window	15.00	1.50		1.20		27.00	**Sqm**
	Sub Total						**33.30**	**Sqm**

MEASUREMENT DETAILS OF THE CONSTRUCTION OF TWO CLASSROOMS								
S.NO	ITEMS DETAIL/DESCRIPTION	No of Units	Length	Width	Depth/Height	Area	Qty	
			(M)	(M)	(M)	Sqm		Unit
A)	**SITE CLEARANCE**							
	Clear the Site	1.00	18.60	9.60		178.56	178.56	Sqm
B)	**CONSTRUCTION OF TWO CLASSROOMS**							
1.0	**FOUNDATION WORK**							
1.1	Foundation trench excavation							
	Horizontal Walls	3.00	18.60	0.40	0.60		13.39	Cum
	Vertical walls	3.00	8.90	0.40	0.60		6.41	Cum
	Sub Total						**19.80**	**Cum**
1.2	**Lay at the bottom of excavated PCC**							
	Horizontal Walls	3.00	18.60	0.40	**0.10**		2.23	Cum
	Vertical walls	3.00	8.90	0.40	**0.10**		1.07	Cum
	Sub Total						**3.30**	**Cum**
1.3	Construction of Masonry Foundation Stone wall							
	Horizontal Walls	3.00	18.60	0.40	0.90		20.09	Cum
	Vertical walls	3.00	8.90	0.40	0.90		9.61	Cum
	Stairs	1.00	3.00	1.20	**0.50**		1.80	Cum
	Sub Total						**31.50**	**Cum**
1.4	Fill in Hard core							
	Fill selected material	**1.00**	18.60	**9.60**	**0.36**		64.28	Cum
	Sub Total						**64.28**	**Cum**
2.0	**FLOOR CONSTRUCTION**							
2.1	**Construction of RCC Foundation level ring beam**							
	Horizontal Walls	3.00	18.60	0.40	**0.20**		4.46	Cum
	Vertical walls	3.00	8.90	0.40	**0.20**		2.14	Cum

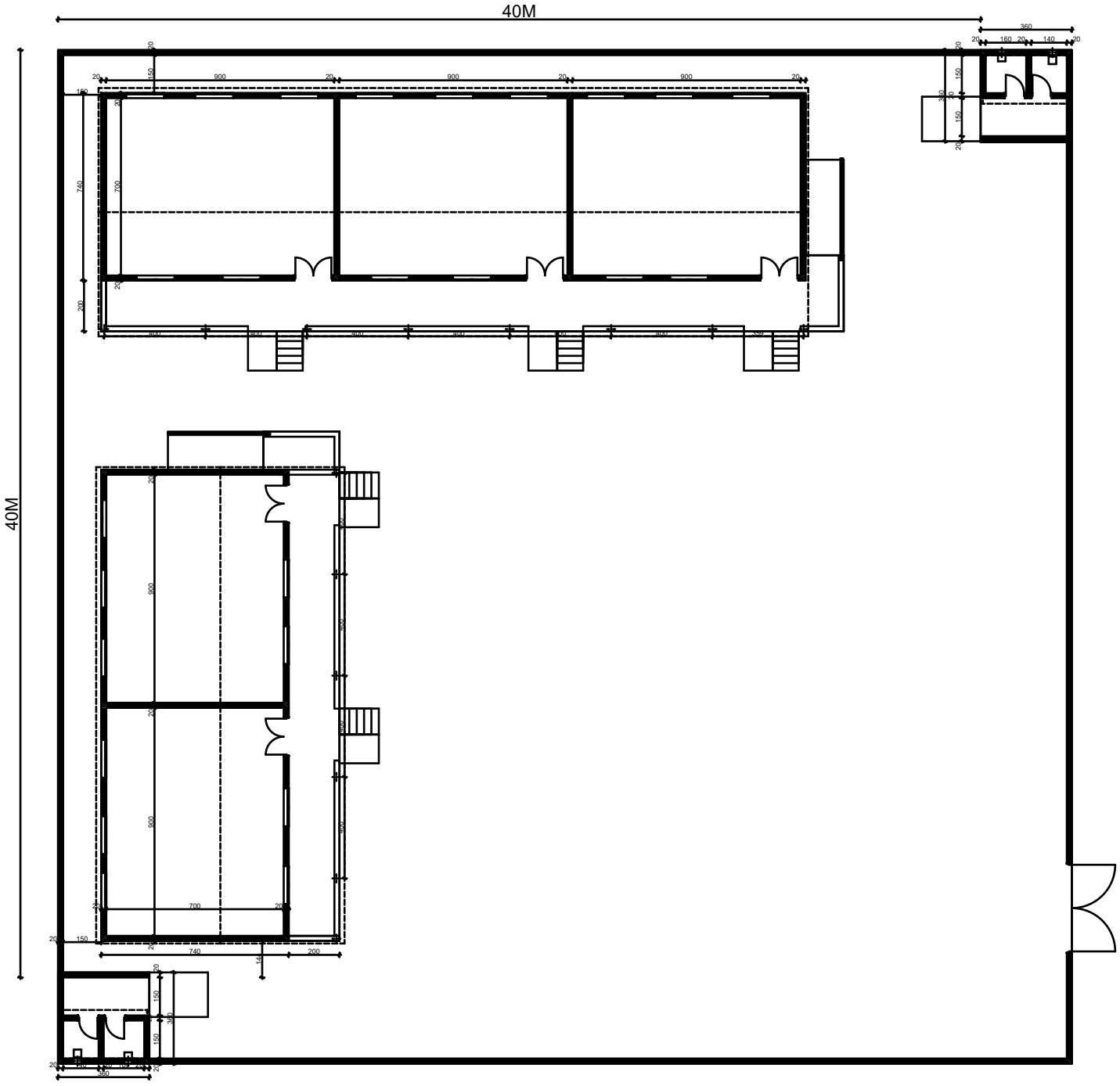
	Sub Total						**6.60**	**Cum**
2.1	Construct 10 cm thick concrete Floor							
	Floor	1.00	18.60	**9.60**	0.10		17.86	Cum
	Concrete ramp	1.00				**1.88**	1.88	Cum
	Teachers Platforms	2.00	2.40	**1.20**	0.15		0.86	Cum
	Sub Total						**20.60**	**Cum**
2.2	Construct 4 cm Cement and sand screed							
	Floor	1.00	18.60	**9.60**	0.04		7.14	Cum
	Stairs	1.00	3.00	1.20	**0.04**		0.14	Cum
	Sub Total						**7.29**	**Cum**
3.0	**Wall Construction**							
3.1	Construction of 20cm thick Hallow block Wall.							
	Horizontal Walls	2.00	18.60		3.50		**130.20**	Sqm
	Vertical walls	3.00	8.90		3.50		**93.45**	Sqm
	Front Additional Wall	1.00	22.60		0.40		**9.04**	Sqm
	Gable Walls	2.00				9.60	**19.20**	Sqm
	Sub Total						**251.89**	**Sqm**
3.2	Provision and fixing of 20x20 cm R.C.C Lintel and Roof beam							
	Horizontal Walls	2.00	18.60	0.20	0.20		2.98	Cum
	Vertical walls	3.00	8.90	0.20	0.20		2.14	Cum
	Sub Total						**5.11**	**Cum**
3.3	Provision and fixing of 10x30 cm R.C.C Beam for the Parapet wall							
	Beam	1.00	22.60	0.30	0.10		0.68	Cum
	Sub Total						**0.68**	**Cum**
3.4	Provision and Install 20X20 cm RCC Columns							
		5.00	0.20	0.20	2.70		**0.54**	**Cum**

	Sub Total						**0.54**	**Cum**
3.5	Construction of Vent blocks Wall.							
	Horizontal Walls	1.00	22.60		0.60		**13.56**	Sqm
	Sub Total						**13.56**	**Sqm**
3.6	Construction of Vent blocks Wall.							
	Horizontal Walls	6.00	1.50		0.30		**2.70**	Sqm
	Sub Total						**2.70**	**Sqm**
3.7	Provision and fixing of 20x20 cm R.C.C Sunshade							
	Sunshade	6.00	1.70	0.40	0.20		0.82	Cum
	Sub Total						**0.82**	**Sqm**
4.0	**Roof Construction**							
4.1	Roofing with 28 gauge BP Iron sheets.							
	Classrooms	1.00			0.00	223.20	223.20	**Sqm**
	Sub Total						**223.20**	**Sqm**
4.2	Laminated ceiling board.							
	Classrooms	1.00	0.00	0.00	0.00	126.00	126.00	**Sqm**
	Verandah	1.00	0.00	0.00	0.00	36.40	36.40	
	Sub Total						**162.40**	**Sqm**
4.3	Fascia board 20cm	1.00	48.20		0.20		48.20	**Lm**
	Sub Total						**48.20**	**Lm**
5.0	**Plastering & Painting**							
5.1	Apply plastering in the							
	Horizontal Walls	2.00	18.60		3.50		**260.40**	Sqm
	Vertical walls	3.00	8.90		3.50		**186.90**	Sqm
	Front Additional Wall	1.00	22.60		1.80		**81.36**	Sqm
	Gable Walls	2.00				9.60	**38.40**	Sqm
	Vent Block wall	6.00	1.50		0.30		**5.40**	Sqm
	Columns	5.00	4.00	0.20	2.70		**10.80**	Sqm

	Deduction for doors, and Window						**-22.20**	**Sqm**
	Sub Total						**561.06**	**Sqm**
5.2	Apply two coates of White washing .							
	Horizontal Walls	2.00	18.60		3.50		**260.40**	Sqm
	Vertical walls	3.00	8.90		3.50		**186.90**	Sqm
	Front additional Wall	1.00	22.60		1.80		**81.36**	Sqm
	Gable Walls	2.00				9.60	**38.40**	Sqm
	Vent Block wall	6.00	1.50		0.30		**5.40**	Sqm
	Columns	5.00	4.00	0.20	2.70		**21.60**	Sqm
	Deduction for doors, and Window						**-22.20**	**Sqm**
	Sub Total						**571.86**	**Sqm**
5.3	Apply two coates of painting							
	Horizontal Walls	2.00	18.60		3.50		**260.40**	Sqm
	Vertical walls	3.00	8.90		3.50		**186.90**	Sqm
	Front additional Wall	1.00	22.60		1.80		**81.36**	Sqm
	Gable Walls	2.00				9.60	**38.40**	Sqm
	Vent Block wall	6.00	1.50		0.30		**5.40**	Sqm
	Columns	5.00	4.00	0.20	2.70		**21.60**	Sqm
	Deduction for doors ,and Window						**-22.20**	**Sqm**
	Sub Total						**571.86**	**Sqm**
5.4	Apply two coates of Gloss paint to the fascia board	1.00	48.20		0.20		19.28	Sqm
	Sub Total						**19.28**	**Sqm**
6.0	**Door & Windows**							
6.1	Door	2.00	1.00		2.10		4.20	**Sqm**
6.2	Window	10.00	1.50		1.20		18.00	**Sqm**
	Sub Total						**22.20**	**Sqm**

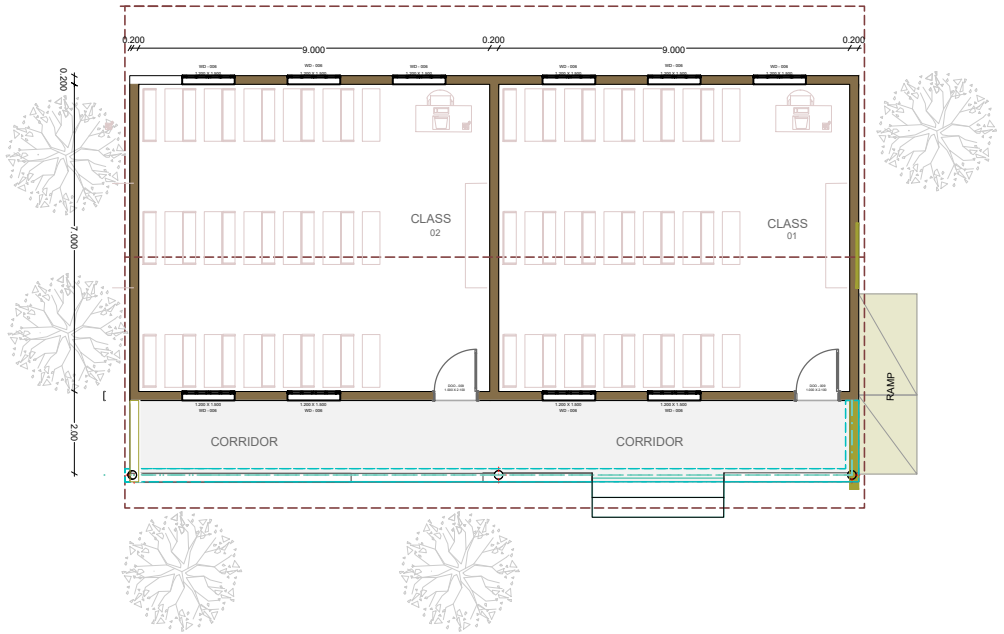


IMPLEMENTED BY	Project Name
THE LUTHERAN WORLD FEDERATION	Construction of 5 Permanent classroom for ceeljale1 primary school, kismayo,somalia .



0. Ground Floor 1:233.52

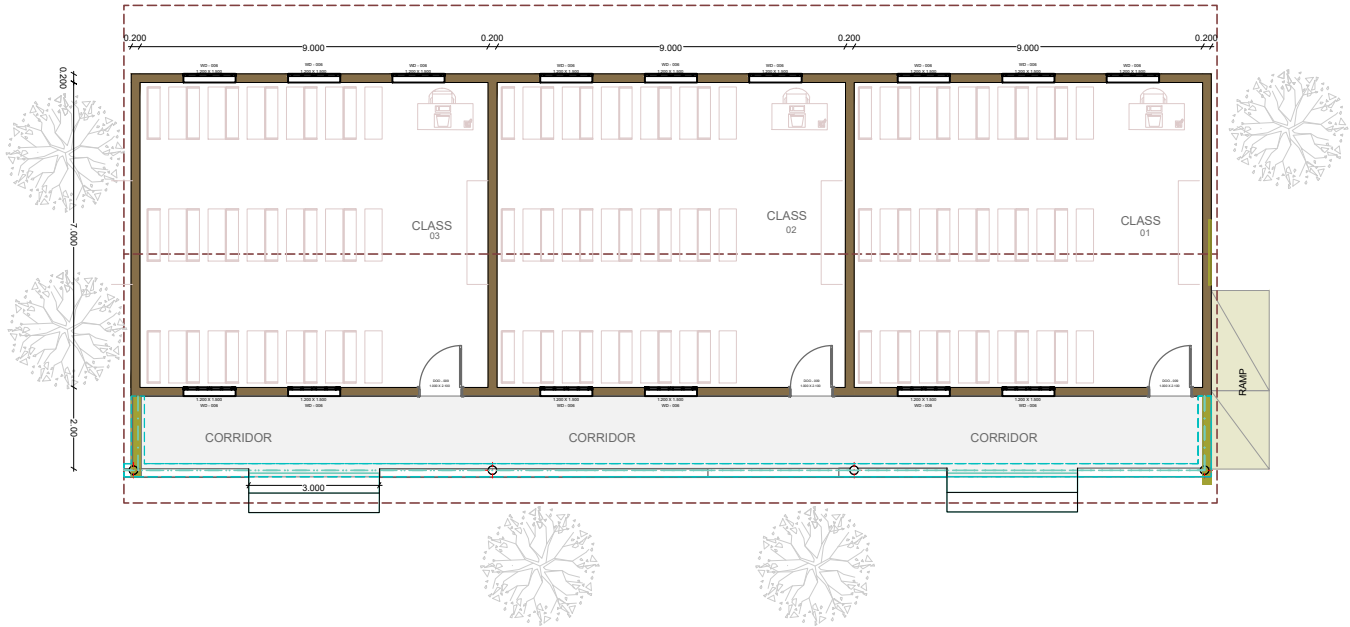
IMPLEMENTED BY	Project Name
THE LUTHERAN WORLD FEDERATION	Construction of 5 Permanent classroom for ceeljale 1 primary school, kismayo,somalia .



1 GROUND FLOOR

SCALE: 1/100

					SCALE: 1:100
					2



1 GROUND FLOOR

SCALE: 1/100

					SCALE: 1:100
					2


THE
LUTHERAN
WORLD
FEDERATION


THE
LUTHERAN
WORLD
FEDERATION