



Date; 21st May 2021

TENDER FOR CONSTRUCTION OF FOUR LATRINE BLOCKS IN WESTERN BAHR
EL GHAZAL AND WARRAP REF. NO. BFS MAY 2021 PR# 2272

BACKGROUND/INTRODUCTION

Islamic Relief is an independent humanitarian and development UK based organization, with an active presence in over 40 Countries across the globe, we strive to make the world a better and fairer place for people still living in poverty. Islamic relief began its humanitarian operation in South Sudan in 2004 focusing on providing lifesaving aid and implementing developmental Programmes to support people affected by flood, drought and Conflict establishing three sub offices in Narus (Kapoeta East), Wau, Warrap. A satellite office in Yei and Main office in Juba.

Our vision:

Inspired by our Islamic faith and guided by our values, we envisage a caring world where communities are empowered, social obligations are fulfilled and people respond as one to the suffering of others.

Our mission:

Exemplifying our Islamic values, we will mobilize resources, build partnerships, and develop local capacity, as we work to:

Enable communities to mitigate the effect of disasters, prepare for their occurrence and respond by providing relief, protection and recovery.

Promote integrated development and environmental custodianship with a focus on sustainable livelihoods.

Support the marginalized and vulnerable to voice their needs and address root causes of poverty.

We allocate these resources regardless of race, political affiliation, gender or belief, and without expecting anything in return.

INTRODUCTION

Through this project, Islamic Relief is implementing a project towards Emergency relief and recovery interventions in South-Sudan, IR through the “Better future South Sudan project(BSF)” is responding to recovery needs of the conflict and flood affected population in Wau county of western Bahr el Ghazal state and Tonj north county of Warrap state, focusing on promoting equality and self-reliance and sustainable basic needs in order to reduce vulnerability to the future. With funding from this project, IRSS intends to improve access to sanitation for targeted communities, in selected Villages of Wau and Warrap Counties by constructing four latrine blocks in PHCC.

IRSS is therefore sourcing for a competent company to carry out the construction of permanent latrine blocks

Furthermore, the intervention will give due attention to Protection and Inclusion related matters, based on its elaborated policy on Prevention of Sexual Exploitation and Abuse (PSEA) and Safeguarding, and initiate mass gender equality and GBV awareness sessions and trainings on peace promotion and conflict reduction for key stakeholders within the communities.

The Overall Goal: Enhanced Recovery and Emergency Response to the conflict affected IDPs, host, returnees' communities in Wau county of western Bahr el Ghazal state and Tonj north county of Warrap state), South Sudan.

These four latrine blocks is IRUSA's funded project intended to improve access to clean drinking water, sanitation and hygiene status in targeted payams of Wau county of western Bahr el Ghazal state and Tonj north county of Warrap state

1. Scope of Work:

(A) Scope of work

The proposed latrine blocks are expected to be constructed in two counties, one block in Tonj North County and three blocks under Wau County, the proposed sites are as listed below:

S/NO	LOCATION/VILLAGE	PAYAM	COUNTY	DISTANCE		Kilometers
				From	To	
01	Athiengpol Health center	Akop	Tonj north	Warrap town	Athiengpol	42
02	Taban PHCU	Bazia	Wau county	Wau town	Taban center	44
03	Biringi	Baggari	Wau county	Wau town	Biringi center	24
04	Baggari PHCU	Baggari	Wau town	Wau town	Baggari center	32

Site locations:

The project sites are as stated in the above table. Each of the sites is going to have one block of latrine with four stances and two urinals.

Setting out

All particulars and measurements for the general settings out of the works shall be taken on the site in accordance to the drawings.

Specifications

The entire specification of the materials and work man ship to be used on this project shall be taken as a read from the drawings and the notes there on as a whole. Use of alternative materials such as burnt bricks replacing concrete blocks has to be approved by IRSS engineer responsible in the field, only after verification of the quality of the concrete blocks. For any reason where pits shall be considered open pit without lining as dictated by the nature of the geology of the particular site, IRSS site engineer will have to conduct stability assessment of the particular pit before granting approval for an open pit. Due to one reason or another where pit depths could not reach the exact depth as quoted in the BOQ, the company should seek advice from IIRSS site engineer.

Rates and prices:

The contractor is deemed to have allowed in the rates and prices he has inserted in the bill of quantities for all charges in providing materials, labor, plant and equipment, site supervision and overhead charges and profits in carrying out and completion of the work.

Protection of project site and public

The contractor to erect buffer guard rails as buffer zones, warning signs and covers as necessary to protect the public or their animals, should be removed immediately after completion of job.

Temporary works.

The contractor may be required to erect , maintain an adopt as necessary and clear away upon completion of work, all temporary storage facilities, shades , mess rooms etc. These facilities shall be for the use of the contractor, company staff and work people. The contractor shall provide equipment for proper and quick execution of works. The erection of the plant and equipment shall strictly be in compliance with any building regulations and any other statutory requirements. The contractor shall remove from site plant and equipment immediately after completion of work.

Protection against surface water.

All water which may accumulate anywhere on the site during the progress of work, including in pits and trenches and other excavations, from rain or surface flow or any other causes will be removed instantly at the contractors expense by pumping or any other means available.

Child labor-(refers to any person below the age of 18 years)

The contractor shall make sure that no forced or indentured child labor is used in any part of the jobs in whole or part, any product or component or perform any service furnished under this contract. Enforcement of which shall be accomplished by due process or penalties.

Fair labor standards

Contractor shall pay all employees whose work relates to this contract not less than minimum wage prescribed by applicable labor regulations

Decommissioning

The contractor shall maintain a clean working environment all time. Shall keep all times the sites free from rubbish, garbage and debris arising from the execution of the work, or any other domestic activities related to the work.

Final inspection and handing over.

When all work is completed, the contractor shall notify the employer in writing so that a team from the employer will be organized to conduct the final inspection and, if required, prepare a snagging check list stating all deficient items which are to be corrected promptly by the contractor. In case of any deficient items identified, the contractor at its sole cost and expenses shall correct all snag list items and provide copy of snag list corrected and signed.

Visibility

Each latrine block shall have one metallic signed post as per the specification provided in the BOQ, appropriately fix.

Construction programme.

The contractor having signed the contract, will prepare a detailed plan of action which must be coordinated with the master programme submitted at the time of tender, representing units of work in sufficient detail to enable the project site engineer to assess the progress for review.

Disability chambers

The design aspect of the latrine blocks is expected to pay due consideration of people with living with disabilities, particularly the lame and amputees. Two rooms in each block will be designed with 0.45mx0.50m x 0.45 m height raised seats of brick work and 16cm diameter drop hole well finished. There shall also be a hand rail of 1 inch pipe as per design provided in the sketch drawing.

This bill of quantities is prepared to cover only one complete block of latrine. However, for grand total will be multiplied by 4 as stated in the BOQ sheet.

DELIVERY DETAILS

Case	Delivery Destination
Supplier must have export permission or be able to supply locally from South Sudan.	Delivered Duty Paid (DDP) to defined destinations inside South Sudan (Wau county of western Bahr el Ghazal state and Tonj north county of Warrap state)

IMPLEMENTATION PLAN: CONSTRUCTION OF 4 LATRINE BLOCKS IN WAU & WARRAP COUNTIES

All tenders are required to be submitted before **Tuesday 8th June 2021, 4.00 pm Local time** pursuant to the attached guidelines for submitting a quotation and be returned to; **HAND DELIVERY TO IRSS TENDER BOX** upon registration on the bid receipt form.

For any issues relating to the tender or its contents please email directly to; IRSS.Tender@islamic-relief.or.ke

All quotation providers are requested to fill in Appendix 1 and 2 below when submitting their proposal to IRW.

APPENDIX 1

Summary of Bid Prices

No.	Description	Total Price in USD (\$)
1	Grand Total Bid Price	
2	Discount Ratio (if any) ... % and the amount	
3	Grand Total after Discount	
4	Delivery time scales (in days)	

We have carefully checked and examined all bid documents and we are offering the costs above on a fixed basis and they are not subject to any changes or alterations including those due to currency fluctuations.

Total Price **USD (\$)**

In words

[_____]

Bidder's Signature

Stamp

Date

Bidder is required to stamp this document with their legal company stamp no bid will be accepted without a genuine company stamp

APPENDIX 2 BILL OF QUANTITIES

Please also use our table when filling the prices. If you do not have the item just keep it empty. Your offer should be for the quantity that we request, not less and not more.

Please only use USD (\$) as the currency for your offers as per the guidelines.

1. BILL OF QUANTITIES FOR CONSTRUCTION OF PHCC LATRINES

Bill – 01

Item Number	Description	Unit	Qty	Unit cost \$	Amount \$
1.0	Preliminaries				

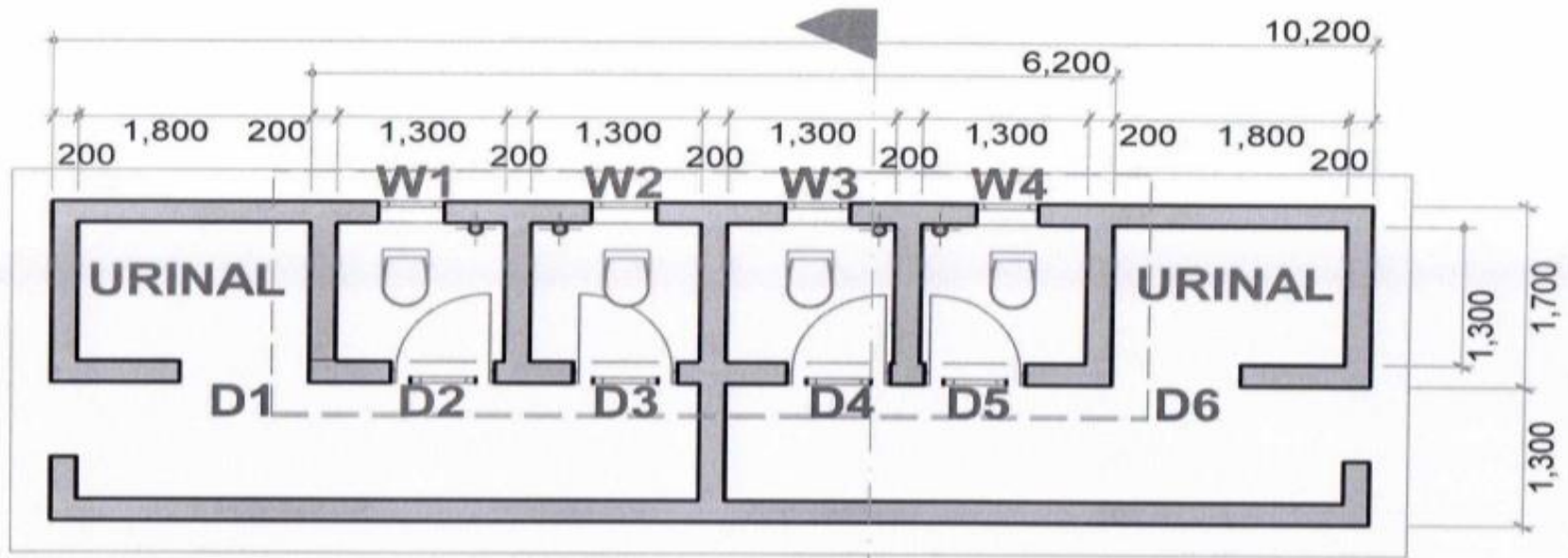
1.1	Mobilization of resources, materials, equipment, personnel and demobilization of equipment, plant, materials and labor force and decommissioning.	Item	1		
<u>1.2</u>	Site preparation including site clearance of un wanted objects and levelling, and setting up the building according to architectural design.	Item	<u>1</u>		
<u>1.3</u>	Organize and provide temporary site store facility, shade and remove at practical completion.	Item	<u>1</u>		
Sub total (1) carried to summery					
2.0	(A) Substructure(all provisional)				
2.1	Maintaining and up holding excavation sides against collapse and keep excavation free from any surface water run-off.	Item	<u>1</u>		
2.2	Excavate pit (6.5mx2.10mx1.20m) starting at existing ground level, not exceeding 1.20 m deep. Ensure pits are well protected against collapse and any water entering into the pit.	M ³	16.38		
2.3	Ditto ditto but 6.50m x 2.10mx3.8m deep, ensure pits are well protected against collapse.	M ³	51.87		
2.4	Return, fill in and ram selected excavated materials around wall lining.	M ²	15.55		
2.5	Wheel, load cart away surplus excavated materials from site and safely disposed of in low lands nearby.	M ³	52.70		
	<i>Reinforced concrete (1:3:4)</i>				
2.6	1:3:4 x 0.10m thick concrete in base of pit reinforced with Y-12 at 20 cm spacing.	M ³	0.84		
	<i>Class 20(1:2:4) vibrated reinforced concrete</i>				
2.7	150mm suspended floor slab, reinforced with Y-12 round iron bar@15 cm spacing.	M ³	1.054		
2.8	Reinforced columns inserted in pit lining(6N0 - 0.20mx0.20m)	M ³	1.88		

2.9	Great beam mid-way the pit lining (0.25mx0.20m) reinforced to Y-12 , 4 ways.	M ³	0.652		
2.10	Ring beam on wall	M ³	0.756		
2.11	1.30mx1.20mx0.10m concrete access ramp, corridor and urinal floor, top ribbed. (Class 15(1:3:4) plain mass concrete.	M ³	2.00		
	<i>Reinforcement bars including binding wires</i>				
2.12	Y-12mm mild steel bars at the basement slab	Meters	120		
2.13	Y-12mm mild steel bars at the columns in pit lining	Meters	156		
2.14	Y-12mm mild steel bars at suspended floor slab	Meters	108		
2.15	Y-12mm mild steel bars at great beam	Meters	72		
2.16	Y-8mm in stirrups for all reinforcement works	Meters	186		
2.17	Binding wires	Kgs	04		
	<i>Sawn timber form work</i>				
2.18	Sides of suspended floor slab 1"x8" sawn timber	Metres	16		
2.19	Soffits of suspended slab 1"x8"	Metres	44		
2.20	Sides of great beam 1"x8" sawn timber	Metres	16		
2.21	Sides of columns 1"x10" sawn timber	Metres	48		
2.22	Nails assorted	Kgs	05		
	<i>Pit lining wall</i>				
2.23	200mm solid blocks or well burnt red bricks in pit lining, bedded, jointed in 1:3 cement to sand mortar.	M ²	82.00		
2.24	Pit wall finishes – 1:4 cement to sand, 12mm thick internal rendered and finished smooth in cement grout.	M ²	88.00		
Sub-total (2) carried to summery					
3.0	(B) Superstructure				
3.1	20mm solid block/ well burnt bricks in walls, including the urinal chambers and curtain wall in 1:4 mortar well bonded.	M ²	94.00		

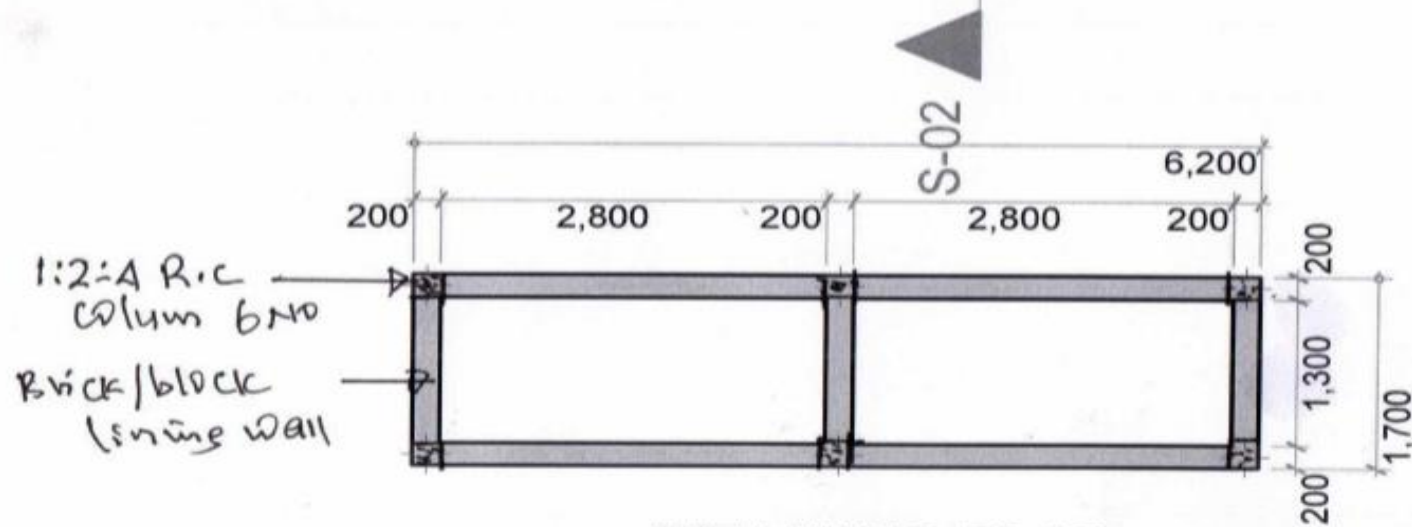
3.2	200mm damp proof membrane laid on 200 mm levelled screed.	Metres	24.00		
3.3	Wall finishes- 1:4 cement to sand, 12mm thick internal and external rendered and well finished.	M ²	167.00		
3.4	15 mm thick mortar screed on floors, corridor and urinal chambers well troweled and smooth finished, ditto but around squatting holes.	M ²	23.00		
	<i>Reinforced concrete work: class 20 (1:2:4) vibrated concrete</i>				
3.4	Reinforced ring beam 20cmx20cm reinforced with Y-12mm	M ³	0.50		
3.5	8mm mild steel bars in stirrups @150mm spacing	Metres	84.00		
3.6	12mm mild steel bars @ 4 ways	Metres	96.00		
3.7	1"x 8" Sawn timber, sides of beam.	Metres	20.00		
3.8	Binding wires	Kgs	01.00		
Subtotal(3) carried to summery					
4.0	(C) Roof construction				
	<i>Treated sawn soft wood</i>				
4.1	2"x4"x4m wall plate	Metres	16.00		
4.2	2"x4" rafters	Metres	24.00		
4.3	2"x3" purlin	Metres	24.00		
4.4	½ "wroth soft wood Fascia barge.	Metres	36.00		
4.5	28 gauge IT4 roof covering, pin nails, roofing nails on timbers, rubber washers and ridge caps included.	M ²	28.00		
4.6	Hoop iron	Role	01		
4.7	Wood preservative	Gallon	02		
	<i>Pit latrine ventilation pipe</i>				
4.8	4" diam. PVC vent pipe, fixing brackets included	Piece	03		

4.9	Ditto extra plain bend, dome grated cap fixed at top of latrine sump vent pipe.	Pieces	06		
	<i>Pit latrine fittings: Doors and windows</i>				
	<i>Doors:</i>				
4.10	<p><i>Door frame-</i> 50mmx100mmx3mm rectangular hollow section door frame complete with 6No lugs or wall cramp, 15cm long fish tailed; welded, primed with red before fixing. Door size 0.90x 2.00m</p> <p><i>Door shutter-</i> 0.90mx 2.00m steel door shutter divided into three panels constructed from 50mmx40mmx2.0 mm hollow section steel frame all around and two dividers, panel voids filled with 2mm steel plate equal trough neatly shaped at edges including 3 No . 10 cm long heavy duty steel hinges, 2 No 12mm diameter bolt locking system, all welded together and primed with red oxide before fixing.</p> <p><i>Painting on doors-</i>Prepare touch primer and apply two coats of gloss enamel oil paint on general surfaces of doors internally and externally.</p>	Pieces	04		
	<i>Windows:</i>				
4.11	500mmx400mm mild steel ventilator constructed from 80mmx50mmx2.5mm mild steel rectangular hollow section as frames with fixed welded wire mesh, coffee tray mesh and mosquito gauze as insect screen. Prepare, prime and apply two coats of gloss enamel oil paint on general surfaces of windows both external and internal.	Pieces	04		
Subtotal (4) Carried to summery					
5.0	Surface finishes				
5.1	Allow for domed coping on top of curtain walls and urinal chamber walls.	Meter	23.20		
	Painting and decorations				
5.2	Prepare and apply one under coat and two finishing coats of emulsion paint on the plastered surfaces internally.	M ²	50.00		

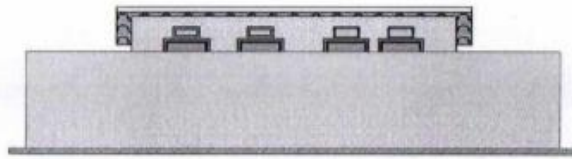
5.3	20mmx100mm skirting	M ²	1.20		
5.4	Prepare and apply one under coat and two finishing coats of emulsion paint on the plastered surfaces externally.	M ²	117.00		
5.5	Prepare and apply two finishing coats of white emulsion paint on fascia boards and on top of curtain and urinal chamber walls.	Meters	60.00		
5.6	Provide and allow for fabrication and fixing of a metallic sign post 1.20m length x 0.80m height on a metal from fabricated from 40mmx40mm hollow section pipes. Wordings is provided there in.	Piece	01		
5.7	Provide and allow for fixing a hand washing facilities- a 200 liters plastic tank with ¾" tape fitted on, properly mounted on a metallic stand with a provision for soap holding and a soakage pit 1.00m diamterx1.50m deep, filled with approved filling materials and well covered.	Sets	02		
	Subtotal(5) carried to summery				
General total (subtotal 1+2+3+4+5)					
Grand Total= Total x 4			USD		



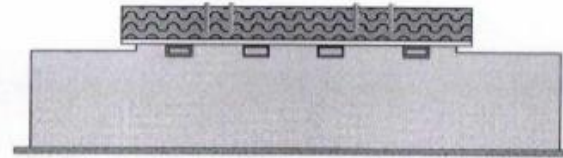
GROUND PLAN



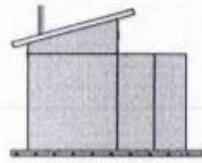
PIT LINING PLAN



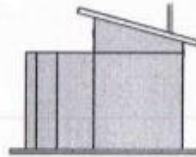
FRONT VIEW



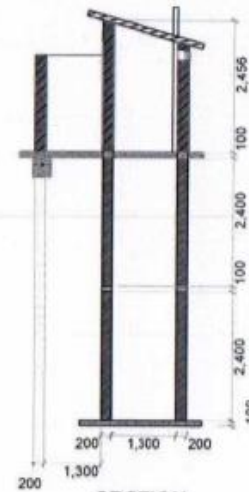
REAR VIEW



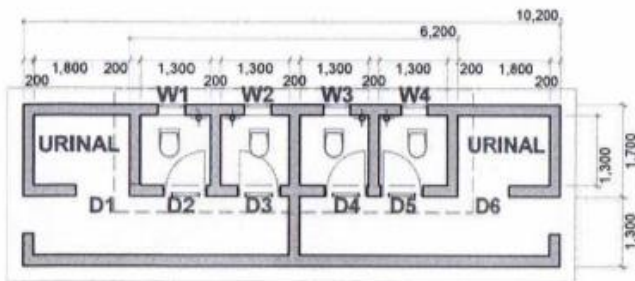
SIDE VIEW



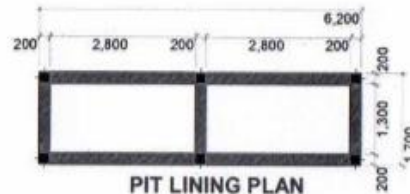
SIDE VIEW



SECTION



GROUND PLAN



PIT LINING PLAN

1. Roof Cover

- Flat roofed pitch 15°

- Gauge 28 super tile profile iron sheets on
- 100x50mm treated sawn soft wood purlins on
- 100x50mm treated sawn soft wood Rafter on
- 100x50mm treated sawn soft wood struts and and tie on
- 150x50mm treated sawn soft wood tie beam or
- 100x75mm treated sawn soft wood wall plate 1 with hoop iron places at 2000mm C/C or less
- 200x20mm feacia board.

2. WALL.

- 200 mm thick well burnt brick work in 1:4 mortar mix.
- 200mm thick curtain wall in well burnt brick wo 1:4 mortar mix.

3. VENT PIPE.

- 04 vent pipes of diameter 100mm and height 3

4. SLAB

- 100mm thick suspended RC slab 1:2:4-19mm.
- 200mm thick well burnt brick work in 1:4 mortar
- 100mm thick midway Ring beam 1:2:4-19mm /
- 200mm thick well burnt brick work in 1:4 mortar
- 100mm thick RC slab 1:2:4-19mm Agg. mix on well compacted sand base.

5. SUBSTRUCTURE

- Well trimmed dug pit 6200X1700X3000mm deep
- 200mm thick well burnt brick work in 1:4 mortar

6. DOORS.

- 04 metallic doors 800X1900mm

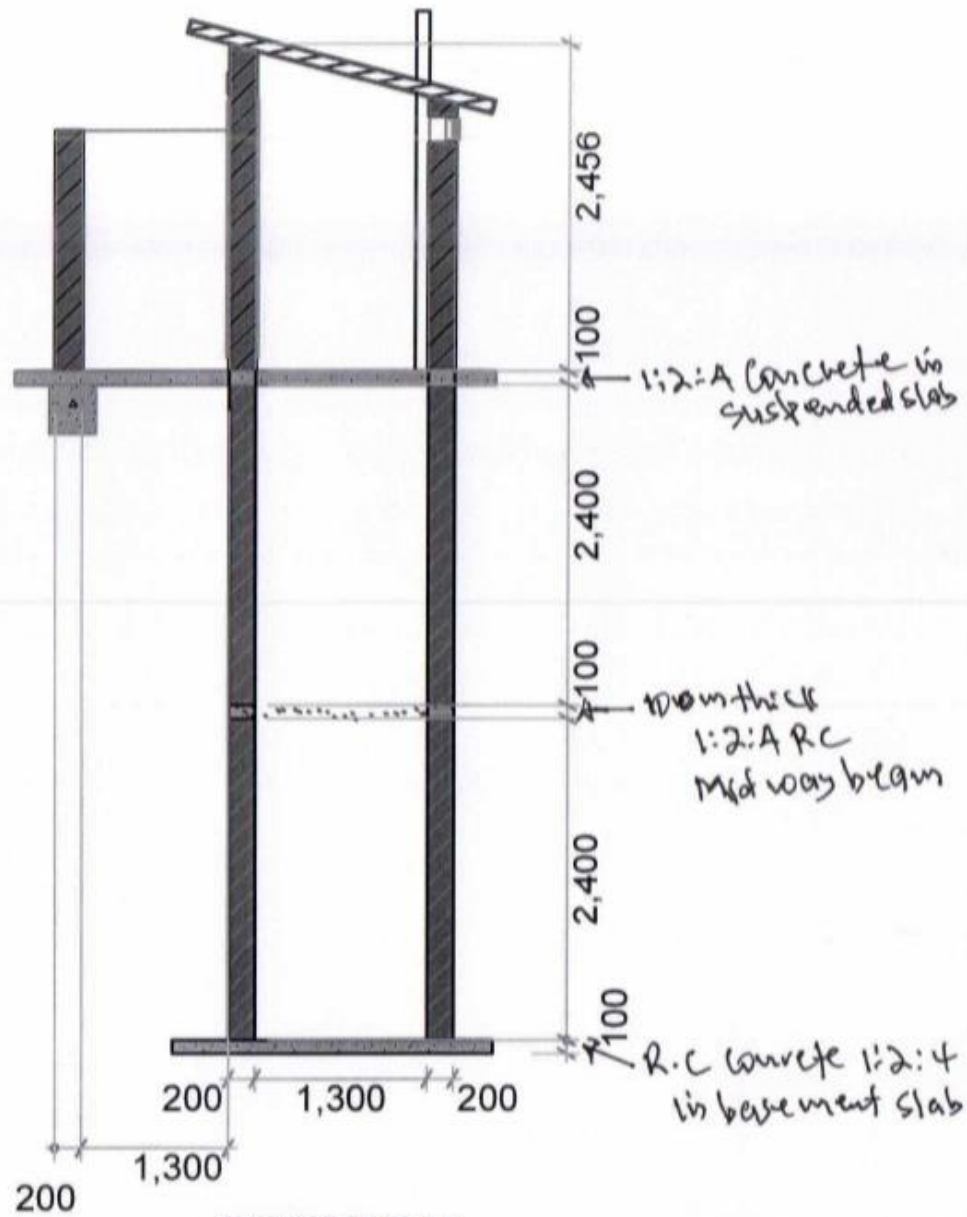
7. WINDOWS.

- 04 Front ventilation windows on doors 500X200
- 04 Back ventilation windows 400X200mm

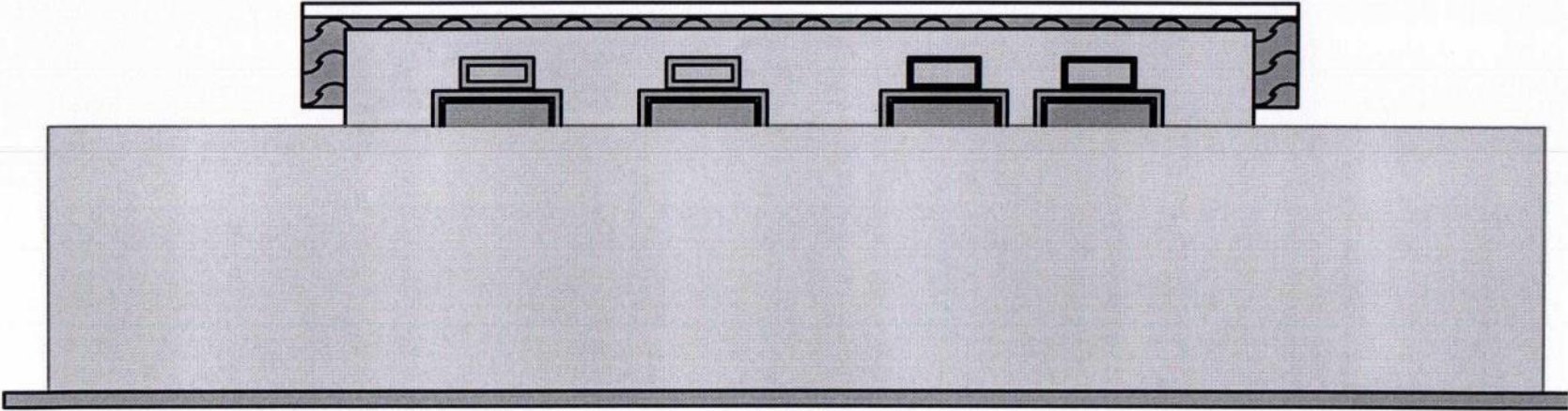
Drawing Scale

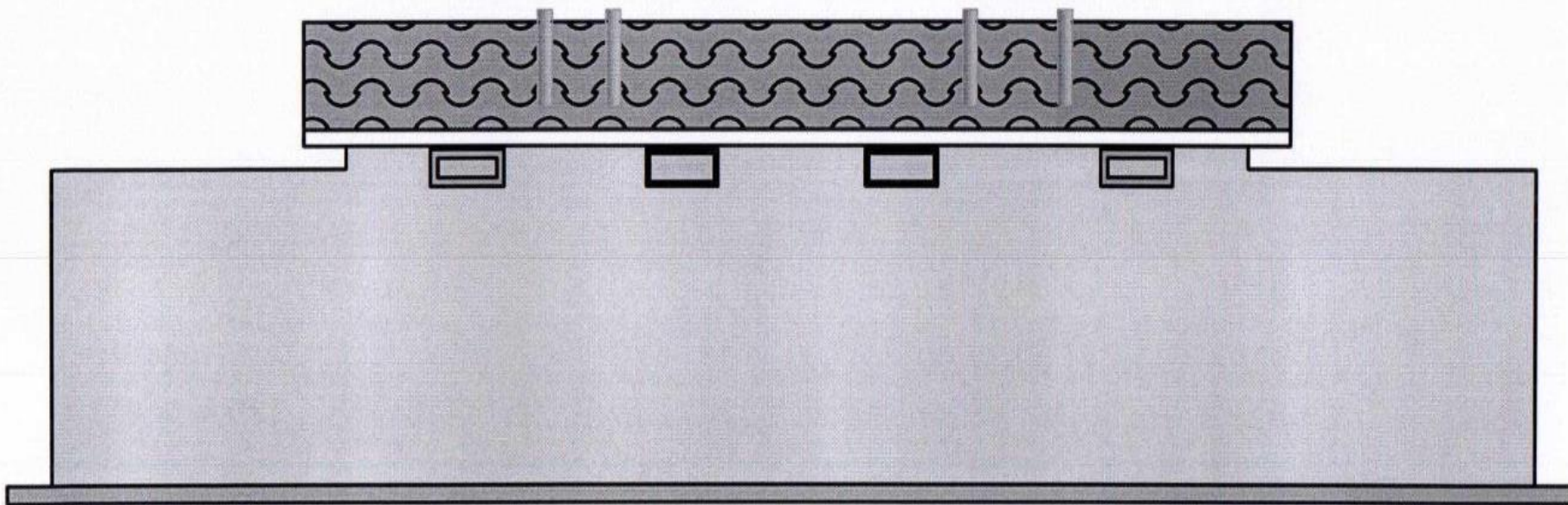
1:100

All measurements in mm

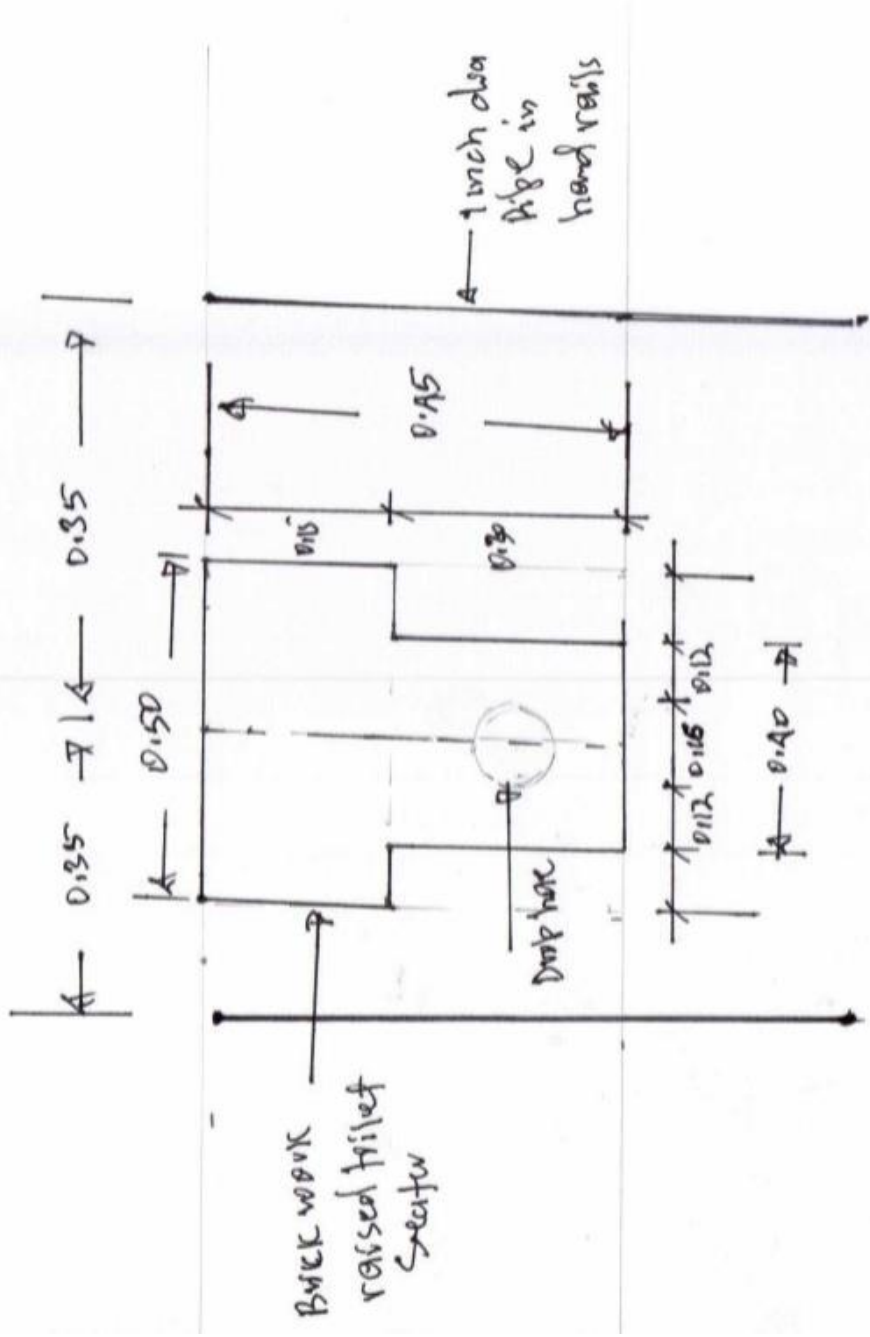


SECTION

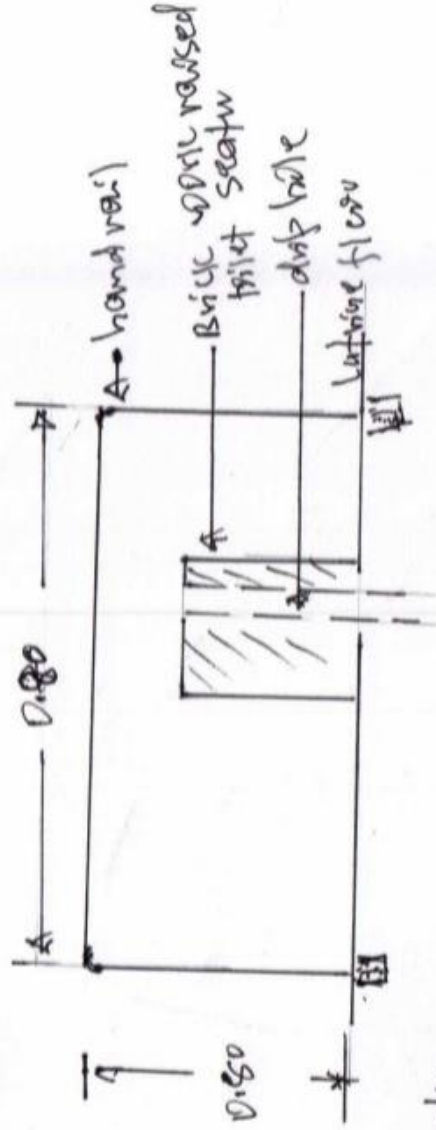




SKETCH DRAWING: RAISED TOILET SEAT FOR DISABLED PEOPLE



GROUND PLAN



NOTE:

- DRAWING NOT IN SCALE