



ACTED

Agence d'aide à la coopération technique et au développement.

Rehabilitation/Construction of School Latrines in Iraq

Tender No. ACTED/10AUM/34OSLE/34OSLW//2011/SCHOOL-WATSAN-REHAB-CONSTR/5-6-2011

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**INTERNATIONAL CALL FOR TENDER ACTED Iraq**

Date: 5/6/2011

Tender N°: [ACTED/10AUM/34OSLE/34OSLW//2011/SCHOOL-WATSAN-REHAB-CONSTR/5-6-2011]

ACTED is an international, non-governmental, apolitical, not for profit organization. For implementation of its school WATSAN rehabilitation in nine schools in Iraq (five in Erbil Governorate and four in Wassit Governorate), ACTED is launching this call for tender divided into two batches, inviting companies to provide detailed written offers for the implementation of the following projects:

I. School Latrine Rehabilitation/Construction:

Batch #	Governorate (District)	Project locations (List of Schools)
1	Erbil	1-1 Hastyary School
		1-2 Khabat School
		1-3 Lazhan School
		1-4 Rezhawes Shawes School
		1-5 Sepale School
2	Wassit	2-1 Al-Ahrar School
		2-2 Al-Jahath School
		2-3 Al Sharif Al-Radhi School
		2-4 Yawm Al-Walaiya School

Each part and batch includes; masonry, piping & plumbing activities. (Refer to (Annex 2) Offer Forms of each part and batch for more details.

Interested construction companies are invited to apply for projects/batches relevant to their zone of operations.

The deadline for the submission of offers is fixed on **16/06/2011 at 5:00 PM Iraq Time**. Offers must be submitted in a sealed envelope using the ACTED standard bidding documents by E-mail to iraq.tender@acted.org and to one of the following ACTED offices. Please mark the envelope: "not to be opened before 17/6/2011"

Batch #	Offers delivery addresses
1	ACTED ERBIL OFFICE: House # 240/1/71 Hadyiab Quarter - 6th street right of Ainkawa Check point, Ainkawa, Erbil, Erbil Governorate, Iraq
2	ACTED KUT OFFICE – Haidarya, Street Corniche, House N° 10, Kut, Wassit Governorate, Iraq
or	
Both batches (1 & 2)	ACTED BAGHDAD OFFICE – Al-Jadriya 915 Street no.20, House no.28, next to South Korean embassy , Baghdad, Iraq

Full information regarding the technical specifications required for each school rehabilitation/construction, the quantities of each item and materials to be used, etc, can be obtained by downloading the full version of the bidding documents from ACTED's website: www.acted.org/en/appels-offres

For all other enquiries, please call the following number: +964 771 000 4517 from Sunday to Thursday, 8am to 5 pm.

ACTED will not be responsible for any costs or expenses incurred by the Bidders in connection with the preparation and submission of the bids to ACTED. Late Bids will be automatically rejected.



INTERNATIONAL CALL FOR TENDER – ACTED IRAQ ANNEX 1 - INSTRUCTIONS TO BIDDERS

Date: 5/6/2011

Tender Reference: [ACTED/10AUM/34OSLE/34OSLW//2011/SCHOOL-WATSAN-REHAB-CONSTR/5-6-2011]

For implementation of its school WATSAN rehabilitation in nine schools in Iraq (five in Erbil Governorate and four in Wassit Governorate), ACTED is launching this call for tender divided into two batches.

Through this tender, ACTED is requesting bidders to provide detailed written offers for each of the batches listed below.

A: PRODUCT SPECIFICATIONS:

1. General Description: Rehabilitation of Latrines in 9 Schools:
Each batch includes:
(Refer to Annex 2 (Offer Forms) for details)
2. Product class / category: Construction/Rehabilitation
3. Product stage: N/A
4. INCOTERM (delivery conditions): N/A

Batch #	Governorate (District)	Project locations (List of Schools)
1	Erbil	1-1 Hastary School
		1-2 Khabat School
		1-3 Lazhan School
		1-4 Rezhawes Shawes School
		1-5 Sepale School
2	Wassit	2-1 Al-Ahrar School
		2-2 Al-Jahath School
		2-3 Al Sharif Al-Radhi School
		2-4 Yawm Al-Walaiya School

Note:

1. Prices for the above batches must include custom duties/taxes and transportation costs to locations as indicated above.
2. Each school will be considered as a separate batch at the time of offers selection and contract award.
3. Quantities are only indicative and may be subject to change.
4. Iranian, Syrian and North Korean construction products and companies registered in these countries are not eligible (restricted goods and country of origin).

B: RESPONSIBILITIES OF THE BIDDER:

1. Bidders will be responsible for the following **processes** related to each batch, but not limited to:
 - a. Provision of Work Force (skilled and Unskilled)
 - b. Supply and transport of all materials to project site
 - c. Applying the work process and installation of all fixtures as required
 - d. Responsible for formal hand over of project(s) to Local Authorities and ACTED.
 - e. Specific details will be provided within contract
2. Validity of the Bidder's offer: **Two Months**

**C: GENERAL CONDITIONS:**

1. Bidders are requested to fill in, sign, stamp and return the Offer Form(s) according to ACTED's format. Bidders will sign all pages on the Offer Form for the Batches for which they apply.
2. Bidders must also attach a copy of Company registration certificate and/or license
3. The offers must be submitted to ACTED Offices in a sealed envelope with the mention “**not to be opened before 17/6/2010**” and the Tender reference (see above, on first page) by e-mail to www.acted.org/en/appels-offres or by hand to the following address:

Batch #	Offers delivery addresses
1	ACTED ERBIL OFFICE: House # 240/1/71 Hadyiab Quarter - 6th street right of Ainkawa Check point, Ainkawa, Erbil, Erbil Governorate, Iraq
2	ACTED KUT OFFICE – Haidarya, Street Corniche, House N° 10, Kut, Wassit Governorate, Iraq
or	
Both batches (1 & 2)	ACTED BAGHDAD OFFICE – Al-Jadriya 915 Street no.20, House no.28, next to South Korean embassy , Baghdad, Iraq

4. All offers delivered to ACTED Offices in sealed envelopes must be signed and stamped.
5. The **closing date** of this tender is fixed at **16/6/2011** at **17:00** Iraqi time for e-mail applications and hand delivery. Late offers will not be considered and will be automatically rejected.
6. The following number can be contacted for general enquiries:

ACTED Baghdad: +964 771 000 4517

Contact person: Logistics Department, Baghdad

D: INSTRUCTION FOR TENDER SUBMISSION:

1. Please fill all required information in the Offer Form for each of the batch for which you apply.
2. Please fill all required information in the Company Profile Form and attach your company requisites and registration documents.
3. Put all required documents (Instruction to Bidders, Offer Forms, Contractor Suggestion, Copy of company registration/license, past performances, technical brochures etc.) signed and stamped into an envelope and seal & stamp it.
4. Make a copy of these documents and include them in a separate envelope.
5. Write the tender reference on the 2 envelopes as indicated above
6. Send it by hand delivery to the address(es) mentioned above.
7. If you are not in a position to send your offer(s) by hand delivery, you can send your offer(s) over e-mail to ACTED by respecting the instructions below:
 - a. Scan your offer(s) after it is signed and stamped;
 - b. Make sure your scan copy is clear and readable;
 - c. Send it to iraq.tender@acted.org with a delivery confirmation request before the deadline mentioned above.
 - d. In the subject line, mention the tender reference (see above, first page)
8. Suppliers sending their offer by e-mail will be requested to submit original offers at a later stage if their offer is pre-selected.

E: REQUIRED DOCUMENTS TO BE SUBMITTED TO ACTED:

1. Instructions to Bidders (Annex 1) signed & stamped



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Agency for technical cooperation and development.

2. Offer Form (Annex 2) filled out and all pages signed & stamped
3. Company Profile (Annex 3)
4. Bidders suggestions (Annex 4)
5. Application letter on company template
6. Copy of company registration documents & licence
7. Proofs of past performances in a similar field of activity (e.g. past school rehabilitations)
8. Any supporting document the Bidder wishes to provide.

NOTE:

- a. Filling all sections of each Offer Form (e.g. unit prices for each batch) is compulsory; any missing information may lead to rejection of your offer(s).
- b. The submission of offer(s) to the call for tender may not result in the award of a contract.
- c. Only shortlisted suppliers will be contacted.

For Bidder's use

I undersigned, the Bidder, agree with the instructions and general conditions of the Call for Tender.

Company Name: _____

Authorized Representative Name: _____

Signature: _____

For Office Use Only

Checked by Auditor:
Name/Signature:

Approved by (Coordination):
Name/Signature:



Annex 3 Company Profile

Note: this Company Profile Must be filled in by Company Owner/Legal Representative

A. Company Name:

B. Company Owner(s) / Partners Full Name:

- 1
- 2
- 3
- 4

C. Company Legal Authorized Representative for this Tender:

Complete Name: _____
 Position in the company: _____
 Signature: _____

D. Additional information about the contractor

- 1 Full name of the company (if different from A.): _____
- 2 Official date of registration: _____
- 3 Company Type/Profesion as per Registration _____
- 4 Full name of the three contractor representatives:

Name	Position	Location	Mobile Number

- 5 Total number of full time employees: _____
- 6 Telephone number: _____
- 7 Fax number: _____
- 8 E-mail address: _____

9 Have you worked before with NGOs? If yes, please list them with details information

-
-
-

10 Have you worked before with same type of projects before? If yes, please list them with detailed information; (if needed please provide separate list)

-
-
-
-
-

11 Bank account details:

Please use (yes) or (no) only

Iraq	Jordan	others

E Past performances

1. Project implementation history

Please list the last projects implemented by your company since 2007 up to now

#	Project description	Location	Partner name	Duration	Project cost USD
1					
2					
3					
4					
5					
6					

2. Company assets as of December 1st 2009

Please list your company main assets (machine, equipment, premises & warehouses, trucks and heavy machinery, production centers etc.)

#	Description	Location/Address	Quantity
1			
2			
3			
4			
5			
6			

I the undersigned, certify that I am the designated legal representative of this Company, that the information provided above is correct and am aware of the fact that I will be held responsible for providing false information

I declare and certify that the information above is true and accurate to the best of my knowledge. I understand and accept that any false or inaccurate representation or information may result in the cancellation of any offer made by the Bidder even if discovered later.

Name _____

Position: _____

Signature and stamp: _____

Date: _____



Annex 4
BIDDER'S SUGGESTIONS

Tender Ref: [ACTED/10AUM/34OSLE/34OSLW//2011/SCHOOL-WATSAN-REHAB-CONSTR/5-6-2011]

Company Name: _____

Please include all related suggestions, comments and recommendations that you would find useful to improve the activity.

Please specify how you plan to involve the local community in the work.

Company Name: _____

Date: / /2011

Representative: _____

Position:

Signature: _____

Stamp:



BIDDER'S CHECK LIST ACTED Iraq

Date: 5/6/2011

Tender N°: [ACTED/10AUM/34OSLE/34OSLW//2011/SCHOOL-WATSAN-REHAB-CONSTR/5-6-2011]

BEFORE SENDING YOUR BIDDING DOCUMENTS, PLEASE CHECK THAT EACH OF THE FOLLOWING COMPONENTS IS COMPLETE AND RESPECTS THE FOLLOWING CRITERIA :	To be filled in by the Bidder		To be filled in by ACTED	
	Yes	No	Yes	No
1. Annex 1 – Instructions to Bidders is attached, filled, signed and stamped by the supplier.				
2. Annex 2 – Offer Form is attached, filled, signed and stamped by the supplier.				
3. Annex 3 – Company Profile Form is attached, filled, signed and stamped by the supplier.				
4. A Copy of Company registration documents and license are included				
6. Proofs of past performances in a similar field of activity (e.g. past school rehabilitations in Iraq) are provided				
7. The Bidding documents are filled in English.				
8. One original and one copy of the bidding documents are included in 2 separate envelopes				
9. The bid prices are in US Dollars				

Please include this check list and the components listed above in a sealed envelope labelled as indicated in the Instructions to Bidders (PRO 5A/Annex 1).


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Annex 2A - Offer Form

Company Name:

Tel:

Name of Contractor:

E-mail

Address:

Registration No:

BoQ: Rehabilitation of 10 latrines for Hastyary School in Shawes Subdistrict, Erbil

No.	Item Description	Unit	Quantity	Price USD	Amount USD
1	Removal of all WC basins, old floor tiles, wall cement plaster, existing sewerage pipes, old taps, water pipes for the drinking place and toilets, existing doors and windows, all damaged manholes, slab cement plasters, and the all damaged partitions wall according to the instruction of the site engineer. Debris, etc, should be removed from the site and disposed of. Cleaning of the site after completion of the work.	Is	1		
2	Lamp fluorescent 1X40 W (base and lamp) (sample to be approved by ACTED prior to installation) with on/off switch. All (2-3) lamps to be controlled by one switch.	No.	12		
3	Provide and install for electrical outlet plugs 13 Amp (sample to be approved by ACTED prior to installation)	No.	2		
4	Lighting Lamps (1*30 W) (wall/ceiling, and weather-proof, large size) plate base and glass cover (sample to be approved by ACTED prior to installation) one lamp controlled by one switch.	No.	7		
5	Main Circuit breaker 60 Amp. M.G type,	No.	1		
6	Exhaust fan size(8") mounted (sample to be approved by ACTED prior to installation) to the walls inside a wooden or aluminum frame. The price includes supplying & installing anti-break wire mesh from outside and control switch .	No.	4		
7	Connecting the latrines to the main electrical distribution board using Copper cable 2*16mm2 with all accessories and necessary fittings.	ml.	82		
8	Electrical water pump: supply and install electrical water pump according to specifications. Pump type KF1 (Pentax type Italian made) Size: 1" and H.P. = 1.	No.	1		
9	Providing materials for construction of ceramic-tiled wash basin+ floor drains + gully trap, using hollow concrete blocks. The works should be done according to specification, the drawings and instructions of the site engineer.	m.l.	9		
10	Providing materials and fixing of W.C (ceramic) + gully trap and cleanout accessories . The works should be done according to specification, the drawings and instructions of site engineer.	No.	10		
11	Water tank (1.0 m3) (1.0 dia. and 1.27 height): Supply and install of cylindrical galvanized iron water tanks (gage 18) including all piping and fittings, valves, float valves, with base from concrete block. The price includes drainage pipe size ¾" locked by socket plus Plug.	No.	6		
12	Galvanized and PVC water pipes: Supply and install galvanized water pipes of ½" dia. The price includes all fittings and accessories, excavation (required depth), backfilling with all necessary works. With painting by anti-rust paint for galvanized only.	ml.	74		
13	Galvanized and PVC water pipes: Supply and install galvanized water pipes of ¾" dia.. The price includes all fittings and accessories, excavation (required depth), backfilling with all necessary works, and anti-rust paint for galvanized only.	ml.	88		
14	Connect the building with the main source of water using galvanized pipes (1" dia. The price includes excavation of trench (30x70 cm.), covering pipes by (10) cm clean sand, back filling with all fitting and necessary works.. With painting by anti-rust paint. The price also includes repairing asphalt or concrete pavement by 10cm concrete if the pipe cross these type of pavements.	ml.	37		
15	PVC pipes (4"dia.): Supply and install (4")dia. PVC pipes with all necessary materials and fittings, according to the section 1500 of I.G.T.S and the instructions of the site engineer with all necessary work the price includes casting concrete type C (1:2:4) around the pipes 15cm thick for all pipe line.	m.l	43		

No.	Item Description	Unit	Quantity	Price USD	Amount USD
16	PVC pipes (6"dia.): Supply and install (6")dia. PVC pipes with all necessary materials and fittings, according to the section 1500 of I.G.T.S and the instructions of the site engineer with all necessary work the price includes casting concrete type C (1:2:4) around the pipes 15cm thick for all pipe line.	m.l	35		
17	Taps 1/2": Provide materials and installation of chrome taps (selection of taps to be approved by ACTED) size 1/2", for the required places (WC cabinets, drinking places and hand washing basins) and according to the site engineer's instructions.	No.	28		
18	Floor drain (PVC) 4"dia. Provision of materials for and laying of 4" dia. floor drain. The work includes the excavations, crushed stone, lean concrete, connection to the receiving manholes by PVC pipe 4" dia., with covers and all necessary work.	No.	2		
19	Concrete block manholes: Supply materials and construction manholes for different depths with internal dimension 40x40 cm using solid concrete blocks size 15X20X40 cm for walls the price includes excavation, well compacted crushed stone, plain concrete, walls, plastering both sides (inner & outer),covering the internal side of the manholes by a mix of 1:2 water : SBR, the price include installing Aheen covers.40x40cm.	No.	14		
20	Concrete block manholes: Supply materials and construction manholes for different depths with internal dimension 80x80 cm using solid concrete blocks size 15X20X40 cm for walls the price includes excavation, well compacted crushed stone, plain concrete, walls, plastering both sides (inner & outer),covering the internal side of the manholes by a mix of 1:2 water : SBR, the price include installing Aheen covers.40x40cm.	No.	4		
21	Cement plastering: providing materials and plastering with cement sand mortar (1:3) two layers 20mm thick min. and the final layer should be very smooth, using aluminum straight edges for plastering guides for external walls.	m2	545		
22	Provide materials for and carry out painting (selection of the paint type to be approved by ACTED) with three layers for the slab and exterior walls. The works should be done according to specification and instructions of the site engineer.	m2	545		
23	Supply material for and install Aluminum windows (windows to be approved by ACTED prior to installation).	m2	7		
24	Supply material for and install Aluminum doors (doors to be approved by ACTED prior to installation).	m2	24		
25	Supply materials for and apply Mosaic tiles (30x30)cm (sample to be approved by ACTED prior to installation) with all necessary works on layer of sand-cement mortar (1:3) according to instructions of site engineer. The price includes re-polishing the tiles after the end of the works.	m2	150		
26	Cleaning the septic tanks.	No.	2		
	TOTAL				


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Annex 2B - Offer Form

Company Name:

Tel:

Name of Contractor:

E-mail

Address:

Registration No:

BoQ: Rehabilitation of 8 latrines for Khabat School in Khabat Subdistrict, Erbil

No.	Item Description	Unit	Quantity	Price USD	Amount USD
1	Removal of all WC basins, old floor tiles, wall cement plaster, existing sewerage pipes, old taps, water pipes for the drinking place and toilets, existing doors and windows, all damaged manholes, slab cement plasters, and the all damaged partitions wall according to the instruction of the site engineer. Debris, etc, should be removed from the site and disposed of. Cleaning of the site after completion of the work.	Is	1		
2	Lamp fluorescent 1X40 W (base and lamp) (sample to be approved by ACTED prior to installation) with on/off switch. All (2-3) lamps to be controlled by one switch.	No.	14		
3	Provide and install for electrical outlet plugs 13 Amp (sample to be approved by ACTED prior to installation)	No.	4		
4	Lighting Lamps (1*30 W) (wall/ceiling, and weather-proof, large size) plate base and glass cover (sample to be approved by ACTED prior to installation) one lamp controlled by one switch.	No.	7		
5	Main Circuit breaker 60 Amp. M.G type,	No.	1		
6	Exhaust fan size(8") mounted (sample to be approved by ACTED prior to installation) to the walls inside a wooden or aluminum frame. The price includes supplying & installing anti-break wire mesh from outside and control switch .	No.	6		
7	Connecting the latrines to the main electrical distribution board using Copper cable 2*16mm2 with all accessories and necessary fittings.	ml.	95		
8	Electrical water pump: supply and install electrical water pump according to specifications. Pump type KF1 (Pentax type Italian made) Size: 1" and H.P. = 1.	No.	1		
9	Providing materials for construction of ceramic-tiled wash basin+ floor drains + gully trap, using hollow concrete blocks. The works should be done according to specification, the drawings and instructions of the site engineer.	m.l.	12		
10	Providing materials and fixing of W.C (ceramic) + gully trap and cleanout accessories . The works should be done according to specification, the drawings and instructions of site engineer.	No.	10		
11	Water tank (1.0 m3) (1.0 dia. and 1.27 height): Supply and install of cylindrical galvanized iron water tanks (gage 18) including all piping and fittings, valves, float valves, with base from concrete block. The price includes drainage pipe size ¾" locked by socket plus Plug.	No.	6		
12	Galvanized and PVC water pipes: Supply and install galvanized water pipes of ½" dia. The price includes all fittings and accessories, excavation (required depth), backfilling with all necessary works. With painting by anti-rust paint for galvanized only.	ml.	70		
13	Galvanized and PVC water pipes: Supply and install galvanized water pipes of ¾" dia.. The price includes all fittings and accessories, excavation (required depth), backfilling with all necessary works and anti-rust paint for galvanized only.	ml.	96		
14	Connect the building with the main source of water using galvanized pipes of 1" dia. The price includes repairing asphalt or concrete pavement by 10cm concrete if the pipe cross these type of pavements.	ml.	43		
15	PVC pipes (4"dia.): Supply and install (4")dia. PVC pipes with all necessary materials and fittings, according to the section 1500 of I.G.T.S and the instructions of the site engineer with all necessary work the price includes casting concrete type C (1:2:4) around the pipes 15cm thick for all pipe line.	m.l	37		
16	PVC pipes (6"dia.): Supply and install (6")dia. PVC pipes with all necessary materials and fittings, according to the section 1500 of I.G.T.S and the instructions of the site engineer with all necessary work the price includes casting concrete type C (1:2:4) around the pipes 15cm thick for all pipe line.	m.l	25		

No.	Item Description	Unit	Quantity	Price USD	Amount USD
17	Taps 1/2": Provide materials and installation of chrome taps (selection of taps to be approved by ACTED) size 1/2", for the required places (WC cabinets, drinking places and hand washing basins) and according to the site engineer's instructions.	No.	26		
18	Floor drain (PVC) 4"dia. Provision of materials for and laying of 4" dia. floor drain. The work includes the excavations, crushed stone, lean concrete, connection to the receiving manholes by PVC pipe 4" dia., with covers and all necessary work.	No.	2		
19	Concrete block manholes: Supply materials and construction manholes for different depths with internal dimension 40x40 cm using solid concrete blocks size 15X20X40 cm for walls the price includes excavation, well compacted crushed stone, plain concrete, walls, plastering both sides (inner & outer), covering the internal side of the manholes by a mix of 1:2 water : SBR, the price include installing Aheen covers.40x40cm.	No.	12		
20	Concrete block manholes: Supply materials and construction manholes for different depths with internal dimension 80x80 cm using solid concrete blocks size 15X20X40 cm for walls the price includes excavation, well compacted crushed stone, plain concrete, walls, plastering both sides (inner & outer), covering the internal side of the manholes by a mix of 1:2 water : SBR, the price include installing Aheen covers.40x40cm.	No.	2		
21	Cement plastering: providing materials and plastering with cement sand mortar (1:3) two layers 20mm thick min. and the final layer should be very smooth, using aluminum straight edges for plastering guides for external walls.	m2	630		
22	Provide materials for and carry out painting (selection of the paint type to be approved by ACTED) with three layers for the slab and exterior walls. The works should be done according to specification and instructions of the site engineer.	m2	630		
23	Supply material for and install Aluminum windows (windows to be approved by ACTED prior to installation).	m2	7		
24	Supply material for and install Aluminum doors (doors to be approved by ACTED prior to installation).	m2	24		
25	Supply materials for and apply Mosaic tiles (30x30)cm (sample to be approved by ACTED prior to installation) with all necessary works on layer of sand-cement mortar (1:3) according to instructions of site engineer. The price includes re-polishing the tiles after the end of the works.	m2	135		
26	Supply materials for and apply wall ceramic tiles (25x40)cm (sample to be approved by ACTED prior to installation) with all necessary works.	m2	140		
27	Cleaning the septic tanks.	No.	2		
	TOTAL				



Company Name:

Name of Contractor:

Address:

Annex 2C - Offer Form

Tel:

E-mail

Registration No:

BoQ: Rehabilitation of 10 latrines for Lazhan School in Kawargosk Subdistrict, Erbil

No.	Item Description	Unit	Quantity	Price USD	Amount USD
1	Removal of all WC basins, old floor tiles, wall cement plaster, existing sewerage pipes, old taps, water pipes for the drinking place and toilets, existing doors and windows, all damaged manholes, slab cement plasters, and the all damaged partitions wall according to the instruction of the site engineer. Debris, etc, should be removed from the site and disposed of. Cleaning of the site after completion of the work.	Is	1		
2	Lamp fluorescent 1X40 W (base and lamp) (sample to be approved by ACTED prior to installation) with on/off switch. All (2-3) lamps to be controlled by one switch.	No.	18		
3	Provide and install for electrical outlet plugs 13 Amp (sample to be approved by ACTED prior to installation)	No.	4		
4	Lighting Lamps (1*30 W) (wall/ceiling, and weather-proof, large size) plate base and glass cover (sample to be approved by ACTED prior to installation) one lamp controlled by one switch.	No.	6		
5	Main Circuit breaker 60 Amp. M.G type,	No.	1		
6	Exhaust fan size(8") mounted (sample to be approved by ACTED prior to installation) to the walls inside a wooden or aluminum frame. The price includes supplying & installing anti-break wire mesh from outside and control switch .	No.	8		
7	Connecting the latrines to the main electrical distribution board using Copper cable 2*16mm2 with all accessories and necessary fittings.	ml.	112		
8	Electrical water pump: supply and install electrical water pump according to specifications. Pump type KF1 (Pentax type Italian made) Size: 1" and H.P. = 1.	No.	1		
9	Providing materials for construction of ceramic-tiled wash basin+ floor drains + gully trap, using hollow concrete blocks. The works should be done according to specification, the drawings and instructions of the site engineer.	m.l.	17		
10	Providing materials and fixing of W.C (ceramic) + gully trap and cleanout accessories . The works should be done according to specification, the drawings and instructions of site engineer.	No.	10		
11	Water tank (1.0 m3) (1.0 dia. and 1.27 height): Supply and install of cylindrical galvanized iron water tanks (gage 18) including all piping and fittings, valves, float valves, with base from concrete block. The price includes drainage pipe size 3/4" locked by socket plus Plug.	No.	6		
12	Galvanized and PVC water pipes: Supply and install galvanized water pipes of 1/2" dia. The price includes all fittings and accessories, excavation (required depth), backfilling with all necessary works. With painting by anti-rust paint for galvanized only.	ml.	64		
13	Galvanized and PVC water pipes: Supply and install galvanized water pipes of 3/4" dia.. The price includes all fittings and accessories, excavation (required depth), backfilling with all necessary works, and anti-rust paint for galvanized only.	ml.	85		
14	Connect the building with the main source of water using galvanized pipes of 1" dia. The price includes repairing asphalt or concrete pavement by 10cm concrete if the pipe cross these type of pavements.	ml.	46		
15	PVC pipes (4"dia.): Supply and install (4")dia. PVC pipes with all necessary materials and fittings, according to the section 1500 of I.G.T.S and the instructions of the site engineer with all necessary work the price includes casting concrete type C (1:2:4) around the pipes 15cm thick for all pipe line.	m.l	30		
16	PVC pipes (6"dia.): Supply and install (6")dia. PVC pipes with all necessary materials and fittings, according to the section 1500 of I.G.T.S and the instructions of the site engineer with all necessary work the price includes casting concrete type C (1:2:4) around the pipes 15cm thick for all pipe line.	m.l	25		
17	Taps 1/2": Provide materials and installation of chrome taps (selection of taps to be approved by ACTED) size 1/2", for the required places (WC cabinets, drinking places and hand washing basins) and according to the site engineer's instructions.	No.	30		

No.	Item Description	Unit	Quantity	Price USD	Amount USD
18	Floor drain (PVC) 4"dia. Provision of materials for and laying of 4" dia. floor drain. The work includes the excavations, crushed stone, lean concrete, connection to the receiving manholes by PVC pipe 4" dia., with covers and all necessary work.	No.	2		
19	Concrete block manholes: Supply materials and construction manholes for different depths with internal dimension 40x40 cm using solid concrete blocks size 15x20x40cm for walls the price includes excavation, well compacted crushed stone, plain concrete, walls, plastering both sides (inner & outer), covering the internal side of the manholes by a mix of 1:2 water : SBR, the price include installing Aheen covers.40x40cm.	No.	8		
20	Concrete block manholes: Supply materials and construction manholes for different depths with internal dimension 40x40 cm using concrete blocks size 15x20x40 cm for walls the price includes excavation, well compacted crushed stone, plain concrete, walls, plastering both sides (inner & outer), covering the internal side of the manholes by a mix of 1:2 water : SBR, the price include installing Aheen covers.40x40cm.	No.	4		
21	Cement plastering: providing materials and plastering with cement sand mortar (1:3) two layers 20mm thick min. and the final layer should be very smooth, using aluminum straight edges for plastering guides for external walls.	m2	260		
22	Provide materials for and carry out painting (selection of the paint type to be approved by ACTED) with three layers for the slab and exterior walls. The works should be done according to specification and instructions of the site engineer.	m2	260		
23	Supply material for and install Aluminum windows (windows to be approved by ACTED prior to installation).	m2	15		
24	Supply material for and install Aluminum doors (doors to be approved by ACTED prior to installation).	m2	16		
25	Supply materials for and apply Mosaic tiles (30x30)cm (sample to be approved by ACTED prior to installation) with all necessary works on layer of sand-cement mortar (1:3) according to instructions of site engineer. The price includes re-polishing the tiles after the end of the works.	m2	145		
26	Supply materials for and apply wall ceramic wall tiles (25x40)cm (sample to be approved by ACTED prior to installation) with all necessary works.	m2	245		
27	Cleaning the septic tanks.	ls	1		
28	Constructing a new 1m dia. cess pool of 10 meter deep with 1.5m depth concrete blocks from the ground, the (2x2)m slab should be 20cm deep reinforced precast concrete with heavy steel cover.	ls	1		
TOTAL					



Annex 2D - Offer Form

Company Name: _____ Tel: _____
 Name of Contractor: _____ E-mail: _____
 Address: _____ Registration No: _____

BoQ: CONSTRUCTION of 6 latrines for Rezhawe Shawes School in Shawes, Erbil

No.	Item Description	Unit	Quantity	Price USD	Amount USD
1	Site preparation, grading, leveling to appropriate level (+15cm to -15cm), including clearance of all existing materials (such as concrete, foundations, asphalt and rock layers) and removing and disposing of debris off-site; all to the approval of the site engineer. Cleaning the site after completion of the works	ls	1		
2	Excavation works: Excavation in all types of soils (even rock layers, asphalt or existing foundation concretes), including backfilling and compaction according to requirements of section (300) of I.G.T.S. the price includes compaction of the base of excavation using Vibrater. According to details and instruction of site engineer.	m3	3		
3	Filling works: Supplying materials and filling with approved screened sub-base materials up to the DPC level for the building according to the instructions of site engineer with all necessary works for the final two layers.	m3	3		
4	Providing materials and laying of 10cm well compacted crush stone	m2	15		
5	Providing all materials and cast reinforced concrete for foundations, using class 1:2:4 concrete, according to attached drawings.	m3	3		
6	Providing all materials and cast reinforced concrete for the slabs, beams and lintels using class 1:2:4, according to drawings, specifications and instructions of site engineer. Note: the roof must be treated, sloped, and smoothed by facing tools.	m3	6		
7	Providing materials and casting plain concrete for floor, walkways and foundations of partition walls using class (C) 1:2:4 concrete. The works should be done according to specification, the drawings and instructions of the site engineer.	m3	20		
8	Solid concrete block works: Supplying materials & construction of walls with hollow concrete blocks 15*20*40cm with cement mortar (1:3). The price includes filling vertically joints between blocks by cement mortar (1:3).	m3	5		
9	Hollow concrete block works: Supplying materials & construction of walls with hollow concrete blocks 20*20*40cm with cement mortar (1:3) for walls. The price includes filling the vertically joints between blocks by cement mortar (1:3). The work should be done according to the specifications, drawings and instructions of the site engineer.	m3	24		
10	Lamp fluorescent 1X40 w (base and lamp) with switch on/off all (2-3) lamp controlled by one switch .	No.	6		
11	Lighting Lamps (1*30 W) (wall/ceiling, and weather proof large size) plate base and glass cover all (2-3) lamp controlled by one switch.	No.	3		
12	Main Circuit breaker 60 Amp. M.G type.	No.	1		
13	Exhaust Fan (size 8") mounted to the walls inside a wooden or aluminum frame. The price includes supplying & installing anti-brake wire mesh from outside and control switch .	No.	4		
14	Connect the building from the main switch to the main power by using copper cable 4*16mm2 with all accessories and necessary fittings.	ml.	118		
15	Electrical Water Pump: Supply and install electrical water pump according to the following specifications. Pump type KF1 (Pentax type italian made) Size: 1" and H.P. = 1.	No.	1		
16	Providing materials for construction ceramic tiled wash basin+ floor drains + Gully (Trap), using hollow concrete blocks. The works should be done according to specification, the drawings and instructions of the site engineer.	m.l.	10		
17	Providing materials and fix W.C (ceramic) + gully trap and cleanout accessories . The works should be done according to specification, the drawings and instructions of site engineer.	No.	6		
18	Water tank (1.0 m3) (1.0 dia. and 1.27 height): Supply and install of cylindrical galvanized iron water tanks (gage 18) including all piping and fittings, Valves, float valves, with base from concrete block. The price includes drainage size 3/4" locked by socket + Plug.	No.	6		
19	Galvanized iron and PVC water pipes: Supply and install galvanized water pipes (1/2)" diameter , the price includes all fittings and accessories, excavation (required depth), backfilling with all necessary works. With painting by anti-rustpaint for galvanized only.	ml.	35		
20	Galvanized iron and PVC water pipes: Supply and install galvanized water pipes (3/4)" diameter , the price includes all fittings and accessories, excavation (required depth), backfilling with all necessary works. With painting by anti-rustpaint for galvanized only.	ml.	25		

ACTED/10ALUM/34OSI E/34OSI W//2011/SCHOOL -WATSAN-REHAB-CONSTR/5-6-2011

No.	Item Description	Unit	Quantity	Price USD	Amount USD
21	Connection of the building to the the main source of water using galvanized pipes of 1" dia. The price includes repairing asphalt or concrete pavement by 10cm concrete if the pipe cross these type of pavements.	ml.	88		
22	PVC pipes (4" dia.): Supply and install (4")dia. PVC pipes best type with all necessary materials and fittings, according to the section 1500 of I.G.T.S and the instructions of the site engineer with all necessary work the price includes casting concrete type C (1:2:4) around the pipes 15cm thick for all pipe line.	m.l	20		
23	PVC pipes (6" dia.): Supply and install (6")dia. PVC pipes best type with all necessary materials and fittings, according to the section 1500 of I.G.T.S and the instructions of the site engineer with all necessary work the price includes casting concrete type C (1:2:4) around the pipes 15cm thick for all pipe line.	m.l	6		
24	PVC pipes (8" dia.): Supply and install (8")dia. PVC pipes best type with all necessary materials and fittings, according to the section 1500 of I.G.T.S and the instructions of the site engineer with all necessary work the price includes casting concrete type C (1:2:4) around the pipes 15cm thick for all pipe line.	m.l	30		
25	Taps (1/2" dia.) : Provide materials and installation of chrome taps (best type) size 1/2", for the required places(drinking place and toilets) according to the site engineer's instructions.	No.	12		
26	Floor drain (PVC) 4"dia. : Provision of materials and erection of 4" dia. Floor drain. The work includes the excavations , crushed stone, lean concrete and connection to the receiving manholes by pvc pip 4" dia, covers, with all necessary work.	No.	3		
27	Concrete block manholes: Supply materials and construction manholes of different depths with internal dimension as follows using solid concrete blocks size 15X20X40 cm for walls the price includes excavation, well compacted crushed stone, plain concrete, walls, plastering both sides (inner & outer),covering by steel heavy covers with frame, according to instruction of the site engineer.				
a	1- 40x40cm and cover 40x40cm	No.	4		
b	2- 60x60 cm and cover 60x60cm	No.	3		
c	3-80x80 cm and cover80x80cm	No.	2		
28	Cement plastering: Providing materials and plastering with cement sand mortar 1:3 two layers 20mm thick min. and the final layer should be very smooth, using aluminum straight edges for plastering guides for outer walls and roof.	m2	245		
29	Supply materials and applying wall ceramic tiles (25x40)cm (sample to be approved by ACTED prior to installation) with all necessary works.	m2	139		
30	Provide materials and carry out painting (selection of the paint type to be approved by ACTED) with three layers for the slab and exterior walls. The works should be done according to specification and instructions of the site engineer.	m2	245		
31	Supply material and install Aluminum windows (selection of window type to be approved by ACTED)	m2	6		
32	Supply material and install Aluminum doors (selection of door type to be approved by ACTED)	m2	17		
33	Supply materials for and applying Mosaic tiles (30x30cm) (sample to be approved by ACTED prior to application) with all necessary works on a layer of cement sand mortar (1:3) according to instructions of site engineer.The price includes repolishing the tiles after the end of the works.	m2	40		
TOTAL(USD)					


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 Agence d'aide à la coopération technique et au développement.

Annex 2E - Offer Form

Company Name:

Tel:

Name of Contractor:

E-mail

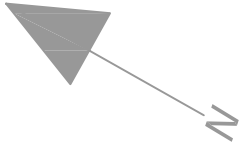
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Registration No:

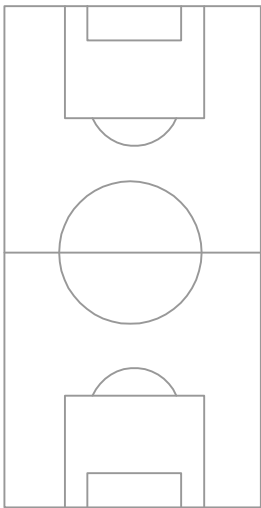
BoQ: Rehabilitation of 9 latrines for Spela School in Kawargosk Sub District, Erbil

No.	Item Description	Unit	Quantity	Price USD	Amount USD
1	Removal of all WC basins, old floor tiles, wall cement plaster, existing sewerage pipes, old taps, water pipes for the drinking place and toilets, existing doors and windows, all damaged manholes, slab cement plasters, and the all damaged partitions wall according to the instruction of the site engineer. Debris, etc, should be removed from the site and disposed of. Cleaning of the site after completion of the work.	ls	1		
2	Lamp fluorescent 1X40 W (base and lamp) (sample to be approved by ACTED prior to installation) with on/off switch. All (2-3) lamps to be controlled by one switch.	No.	12		
3	Provide and install for electrical outlet plugs 13 Amp (sample to be approved by ACTED prior to installation)	No.	3		
4	Lighting Lamps (1*30 W) (wall/ceiling, and weather-proof, large size) plate base and glass cover (sample to be approved by ACTED prior to installation) one lamp controlled by one switch.	No.	3		
5	Main Circuit breaker 60 Amp. M.G type,	No.	1		
6	Exhaust fan size(8") mounted (sample to be approved by ACTED prior to installation) to the walls inside a wooden or aluminum frame. The price includes supplying & installing anti-break wire mesh from outside and control switch .	No.	5		
7	Connecting the latrines to the main electrical distribution board using Copper cable 2*16mm2 with all accessories and necessary fittings.	ml.	89		
8	Electrical water pump: supply and install electrical water pump according to specifications. Pump type KF1 (Pentax type Italian made) Size: 1" and H.P. = 1.	No.	1		
9	Providing materials for construction of ceramic-tiled wash basin+ floor drains + gully trap, using hollow concrete blocks. The works should be done according to specification, the drawings and instructions of the site engineer.	m.l.	15		
10	Providing materials and fixing of W.C (ceramic) + gully trap and cleanout accessories . The works should be done according to specification, the drawings and instructions of site engineer.	No.	9		
11	Water tank (1.0 m3) (1.0 dia. and 1.27 height): Supply and install of cylindrical galvanized iron water tanks (gage 18) including all piping and fittings, valves, float valves, with base from concrete block. The price includes drainage pipe size ¾" locked by socket plus Plug.	No.	6		
12	Galvanized and PVC water pipes: Supply and install galvanized water pipes of ½" dia. The price includes all fittings and accessories, excavation (required depth), backfilling with all necessary works. With painting by anti-rust paint for galvanized only.	ml.	60		
13	Galvanized and PVC water pipes: Supply and install galvanized water pipes of ¾" dia.. The price includes all fittings and accessories, excavation (required depth), backfilling with all necessary works, and anti-rust paint for galvanized only.	ml.	80		
14	Connect the building with the main source of water using galvanized pipes (1) " dia. The price ncludes repairing asphalt or concrete pavement by 10cm concrete if the pipe cross these type of pavements.	ml.	20		
15	PVC pipes (4"dia.): Supply and install (4")dia. PVC pipes with all necessary materials and fittings, according to the section 1500 of I.G.T.S and the instructions of the site engineer with all necessary work the price includes casting concrete type C (1:2:4) around the pipes 15cm thick for all pipe line.	m.l	30		

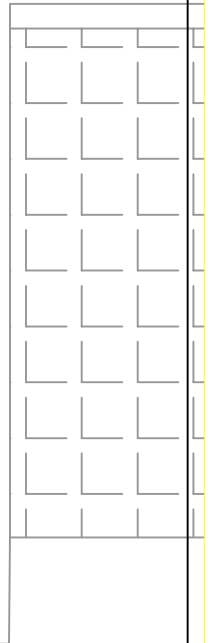
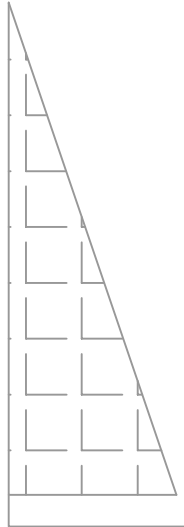
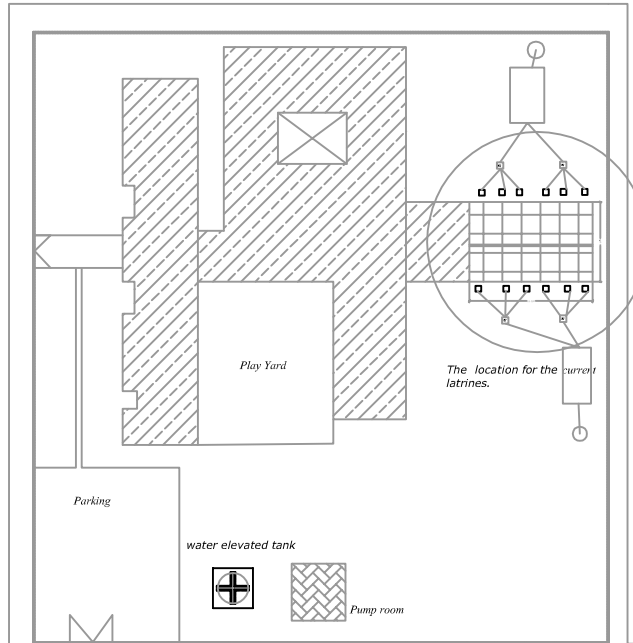
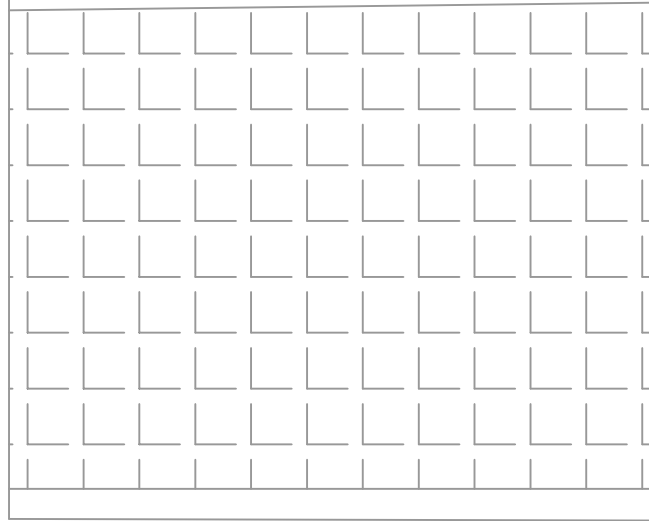
No.	Item Description	Unit	Quantity	Price USD	Amount USD
16	PVC pipes (6"dia.): Supply and install (6")dia. PVC pipes with all necessary materials and fittings, according to the section 1500 of I.G.T.S and the instructions of the site engineer with all necessary work the price includes casting concrete type C (1:2:4) around the pipes 15cm thick for all pipe line.	m.l	10		
17	Taps 1/2": Provide materials and installation of chrome taps (selection of taps to be approved by ACTED) size 1/2", for the required places (WC cabinets, drinking places and hand washing basins) and according to the site engineer's instructions.	No.	32		
18	Floor drain (PVC) 4"dia. Provision of materials for and laying of 4" dia. floor drain. The work includes the excavations, crushed stone, lean concrete, connection to the receiving manholes by PVC pipe 4" dia., with covers and all necessary work.	No.	3		
19	Concrete block manholes: Supply materials and construction manholes for different depths with internal dimension 40x40 cm using solid concrete blocks size 15X20X40 cm for walls the price includes excavation, well compacted crushed stone, plain concrete, walls, plastering both sides (inner & outer),covering the internal side of the manholes by a mix of 1:2 water: SBR, the price include installing Aheen covers.40x40cm.	No.	8		
20	Cement plastering: providing materials and plastering with cement sand mortar (1:3) two layers 20mm thick min. and the final layer should be very smooth, using aluminum straight edges for plastering guides for external walls.	m2	230		
21	Provide materials for and carry out painting (selection of the paint type to be approved by ACTED) with three layers for the slab and exterior walls. The works should be done according to specification and instructions of the site engineer.	m2	230		
22	Supply material for and install Aluminum windows (windows to be approved by ACTED prior to installation).	m2	15		
23	Supply material for and install Aluminum doors (doors to be approved by ACTED prior to installation).	m2	16		
25	Supply materials for and apply Mosaic tiles (30x30)cm (sample to be approved by ACTED prior to installation) with all necessary works on layer of sand-cement mortar (1:3) according to instructions of site engineer. The price includes re-polishing the tiles after the end of the works.	m2	130		
26	Cleaning the septic tanks.	ls	3		
27	Supply materials for and apply wall ceramic wall tiles (25x40)cm (sample to be approved by ACTED prior to installation) with all necessary works.	m2	110		
28	Construct a new 1m dia. cess pool of 10 meter deep with 1.5m depth concrete blocks from the ground, the (2x2)m slab should be 20cm deep reinforced precast concrete with heavy steel cover.	ls	1		
	TOTAL				



Football Yard



Main Street



Construction/Rehabilitation
of School Latrines

ERBIL

Drawing # 1-1

Hastyary School
Site Plan

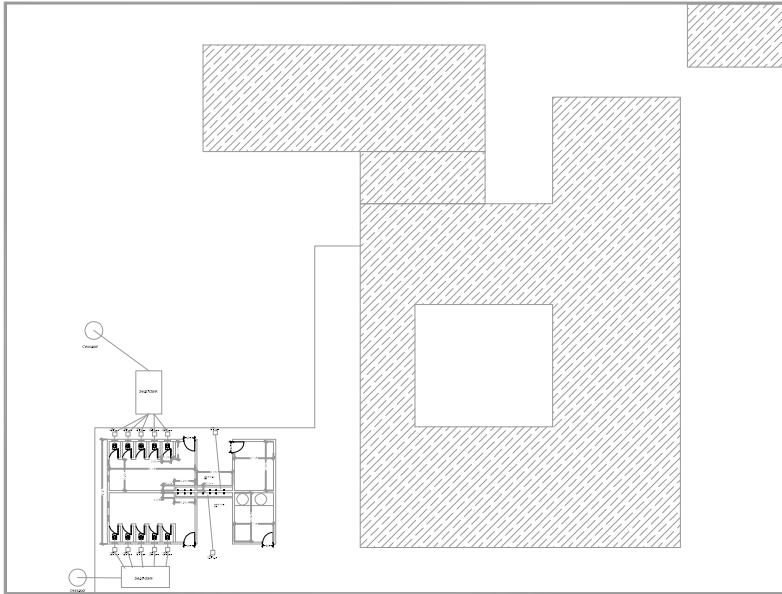
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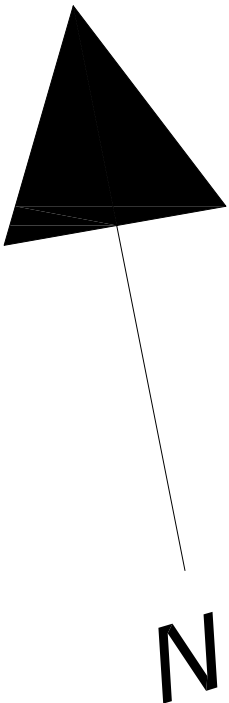
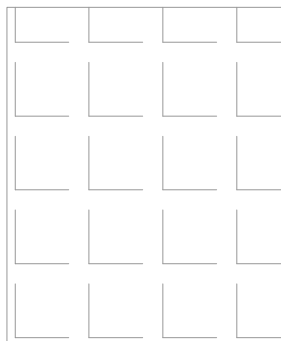
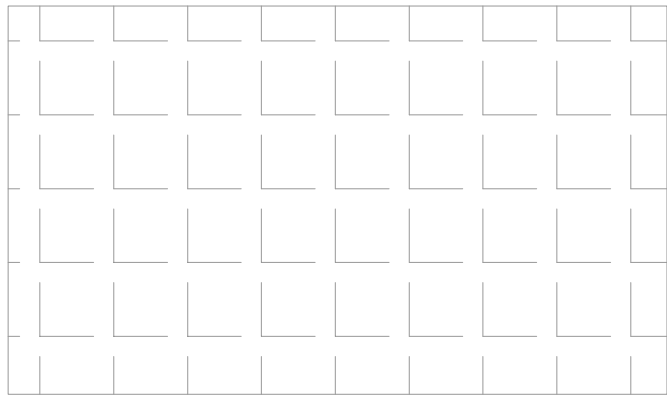
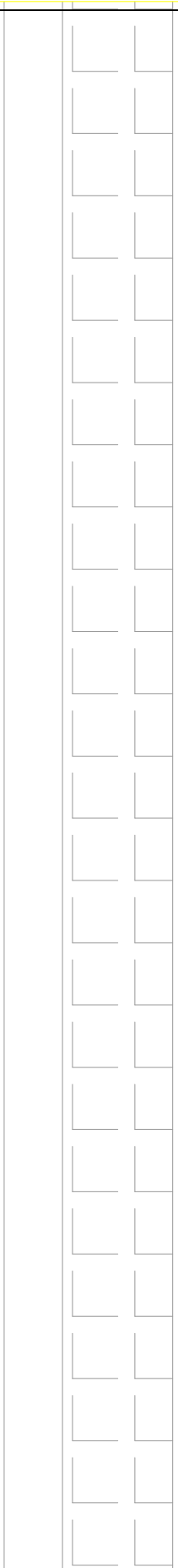
Hastyary School
Shawes City
Erbil Governorate
GPS:



Khabat School



Main Road



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Agence d'aide à la coopération technique et au développement.

Construction/Rehabilitation
of School Latrines

ERBIL

Drawing # 1-2

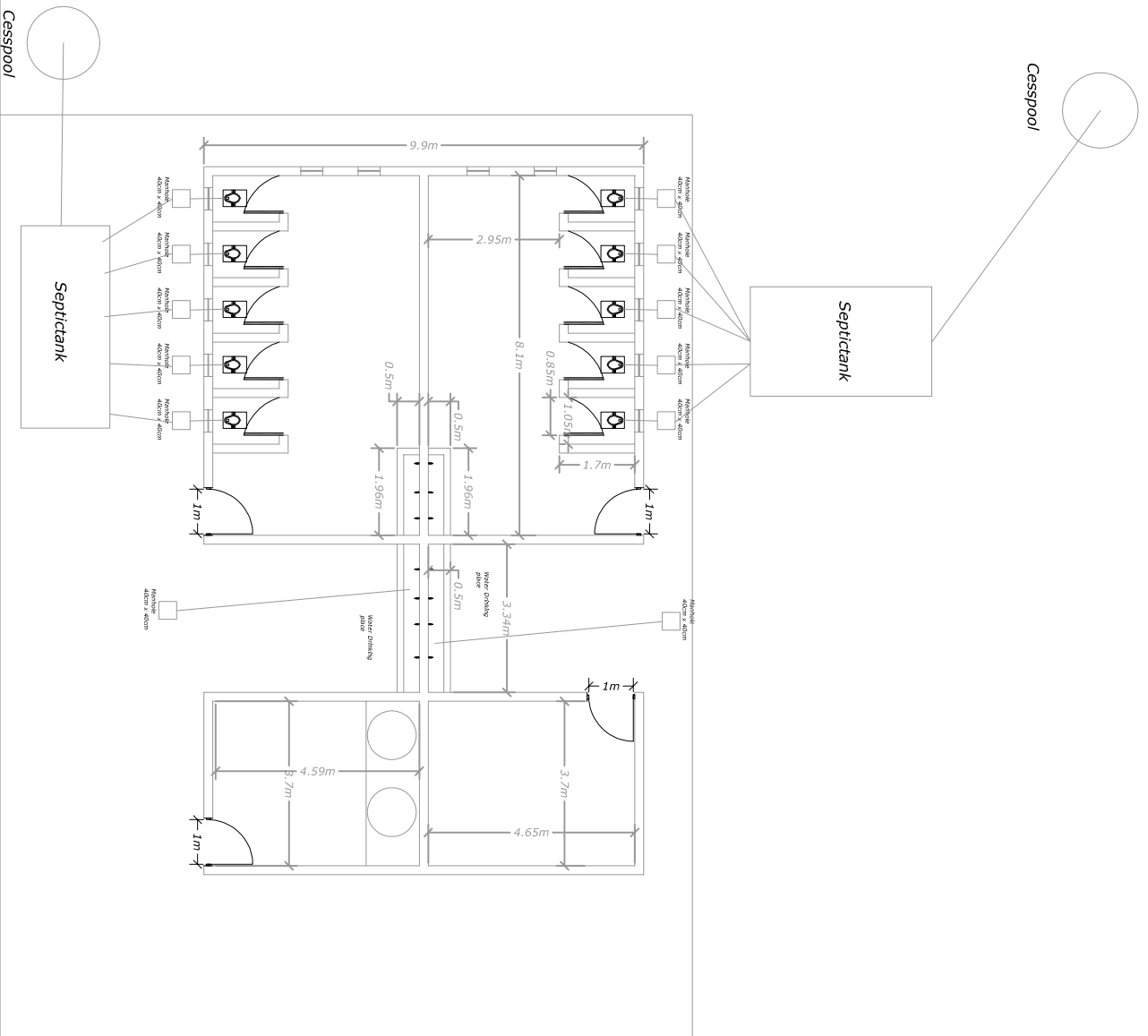
Khabat School
Site Plan

Date: 06/2011 - Scale: -:-:-

Location:

Khabat School
Khabat City
Erbil Governorate

GPS: 36.27744 43.67204



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Agence étatique à la coopération technique et au développement.

Construction/Rehabilitation
of School Latrines

ERBIL

Drawing # 1-3

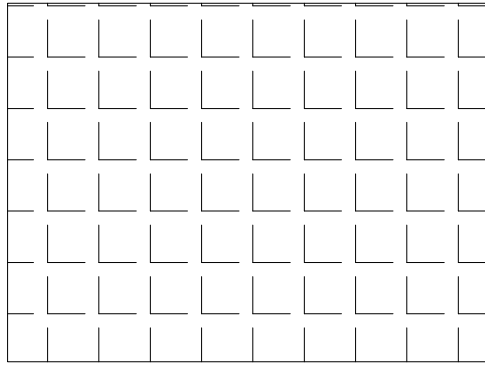
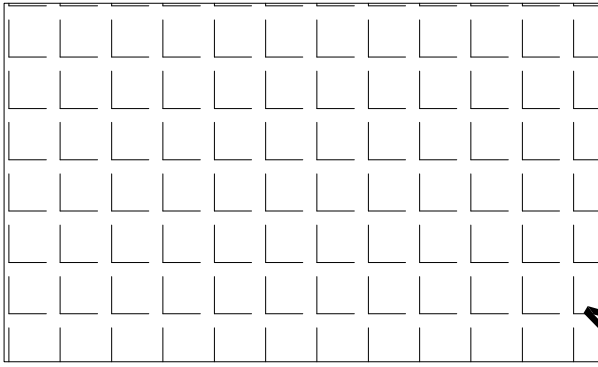
Khabat School
Ground Floor Plan

Date: 06/2011

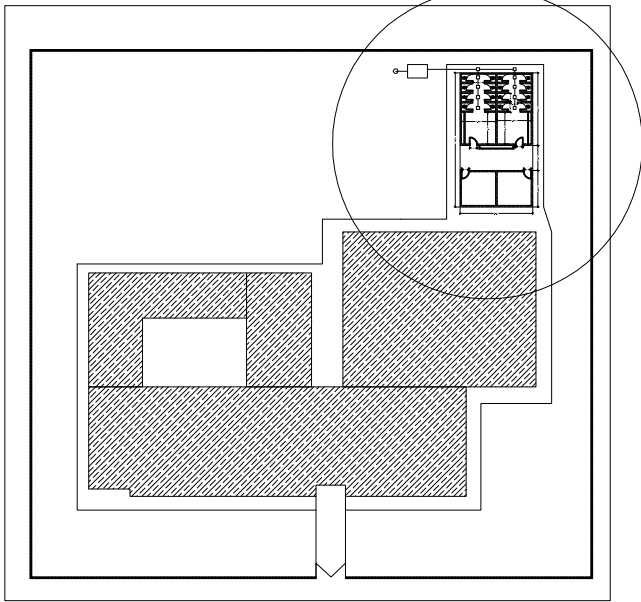
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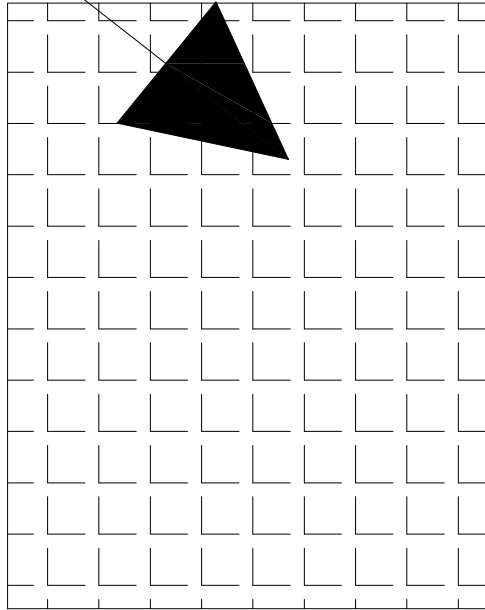
Khabat School
Khabat City
Erbil Governorate
GPS: 36.27744 43.67204



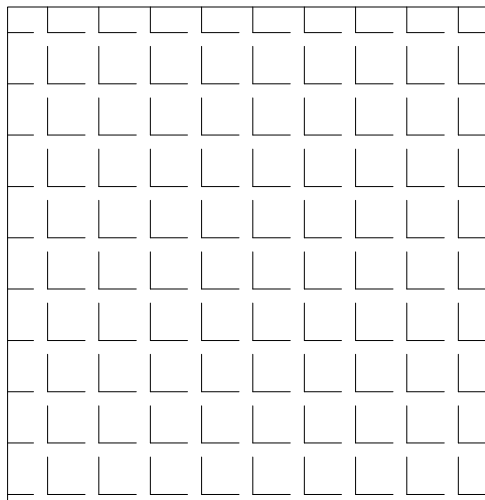
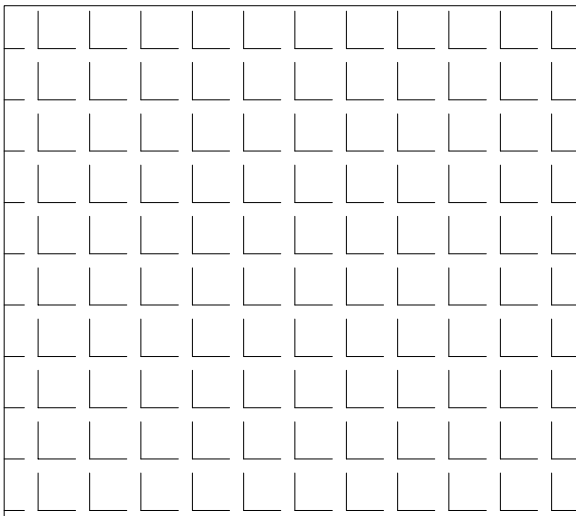
Current location for the latrines.



Lazhan School



Main street



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Construction/Rehabilitation
of School Latrines

ERBIL

Drawing # 1-4

Lazhan School
Site Plan

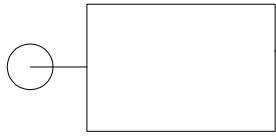
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Location:

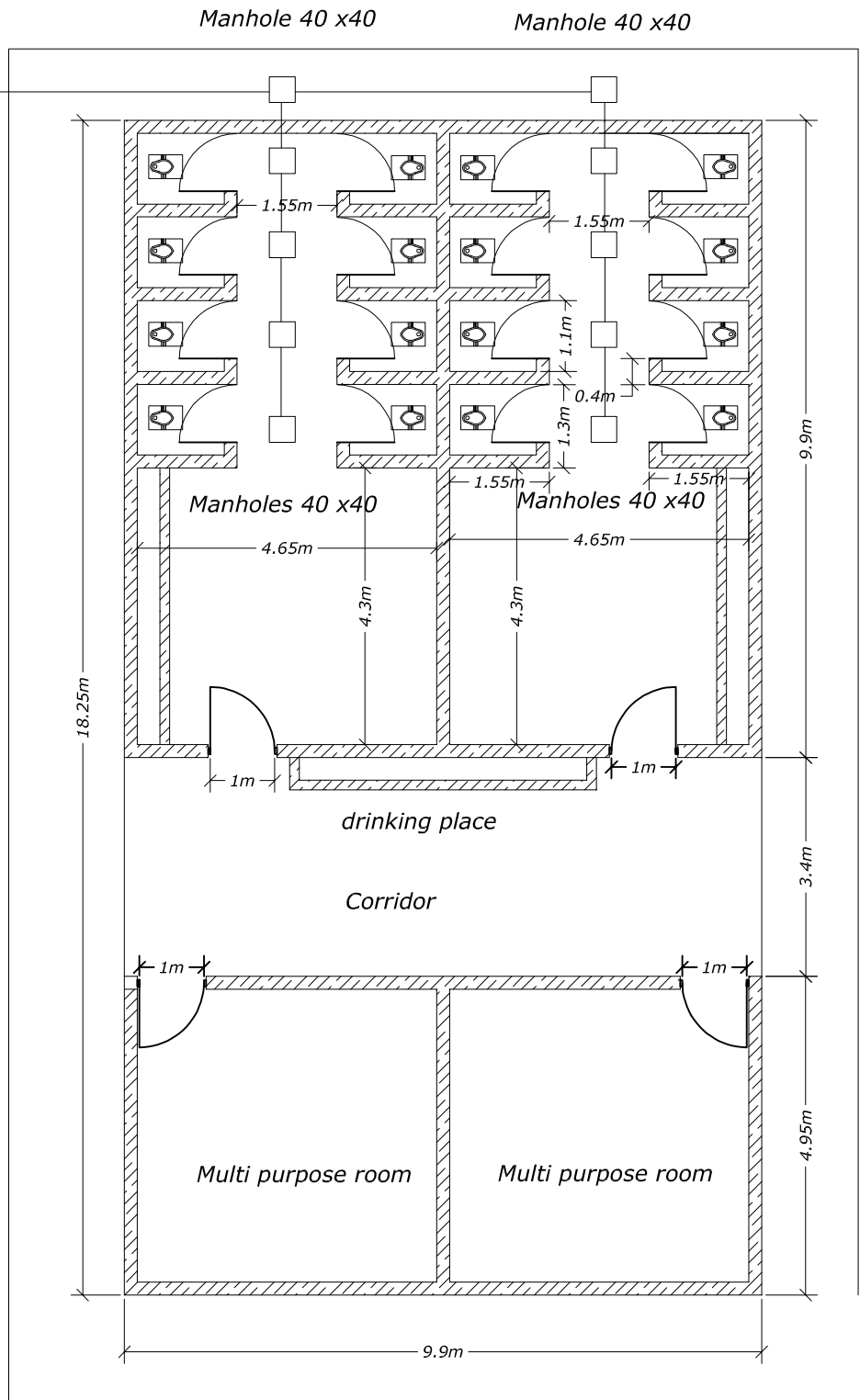
Lazhan School
Kawr Gosik City
Erbil Governorate

GPS: 36.35202 43.80765

Damaged cesspool



Septic tank
2.5x4x5m



Lazhan School



ACTED
Agence d'aide à la coopération technique et au développement.

Construction/Rehabilitation
of School Latrines

ERBIL

Drawing # 1-5

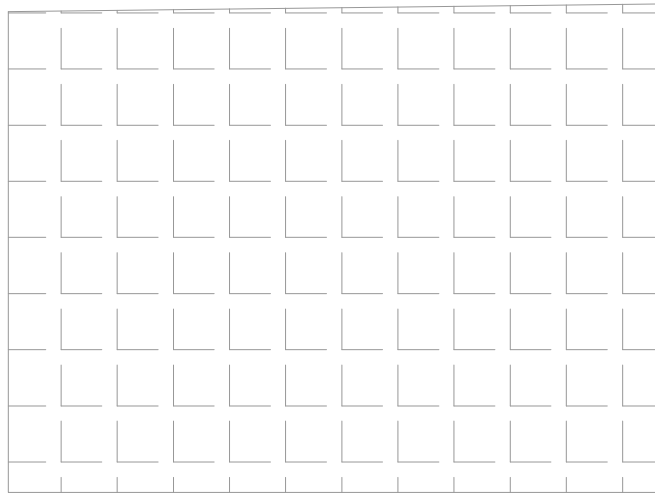
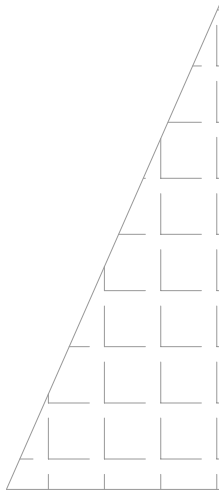
Lazhan School
Ground Floor Plan

Date: 06/2011 - Scale: -:-:-
24

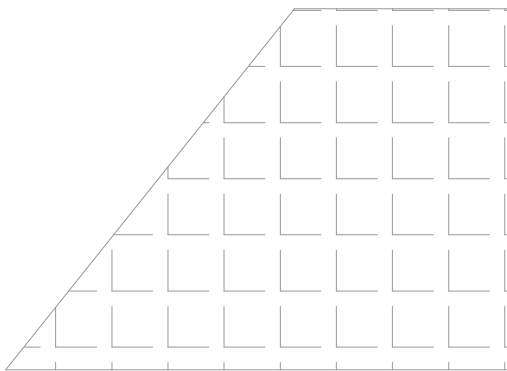
Location:

Lazhan School
Kawr Gosik City
Erbil Governorate

GPS: 36.35202 43.80765

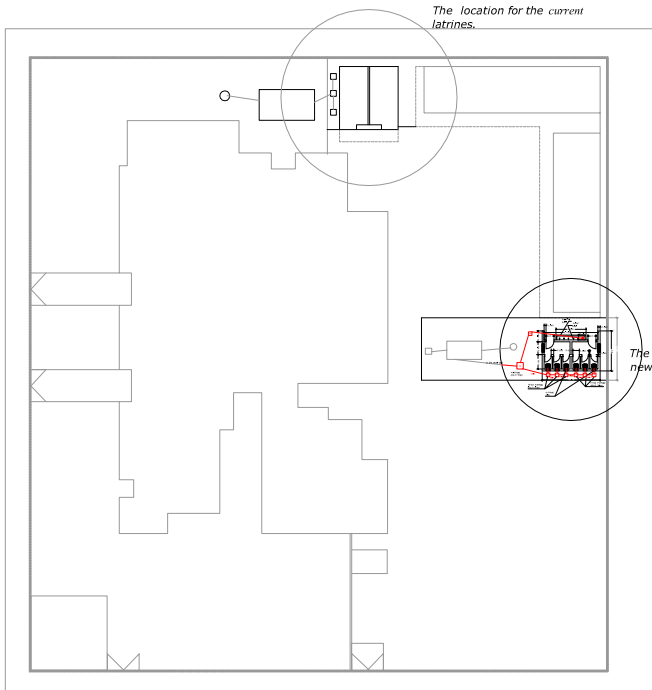


Rezhawe Shawes School

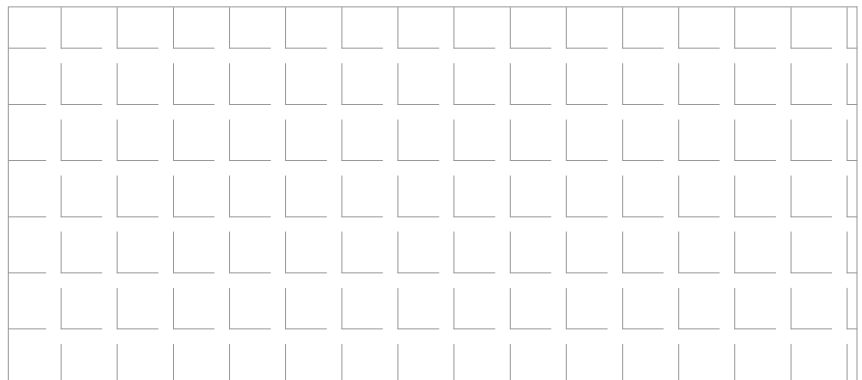
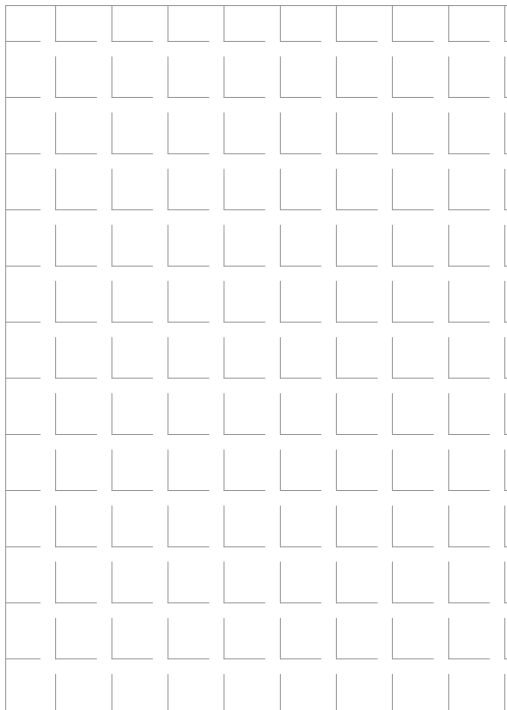


Sub road

Main Street



Rezhawe Shawes School



ACTED
Agence d'aide à la coopération technique et au développement.

Construction/Rehabilitation
of School Latrines

ERBIL

Drawing # 1-6

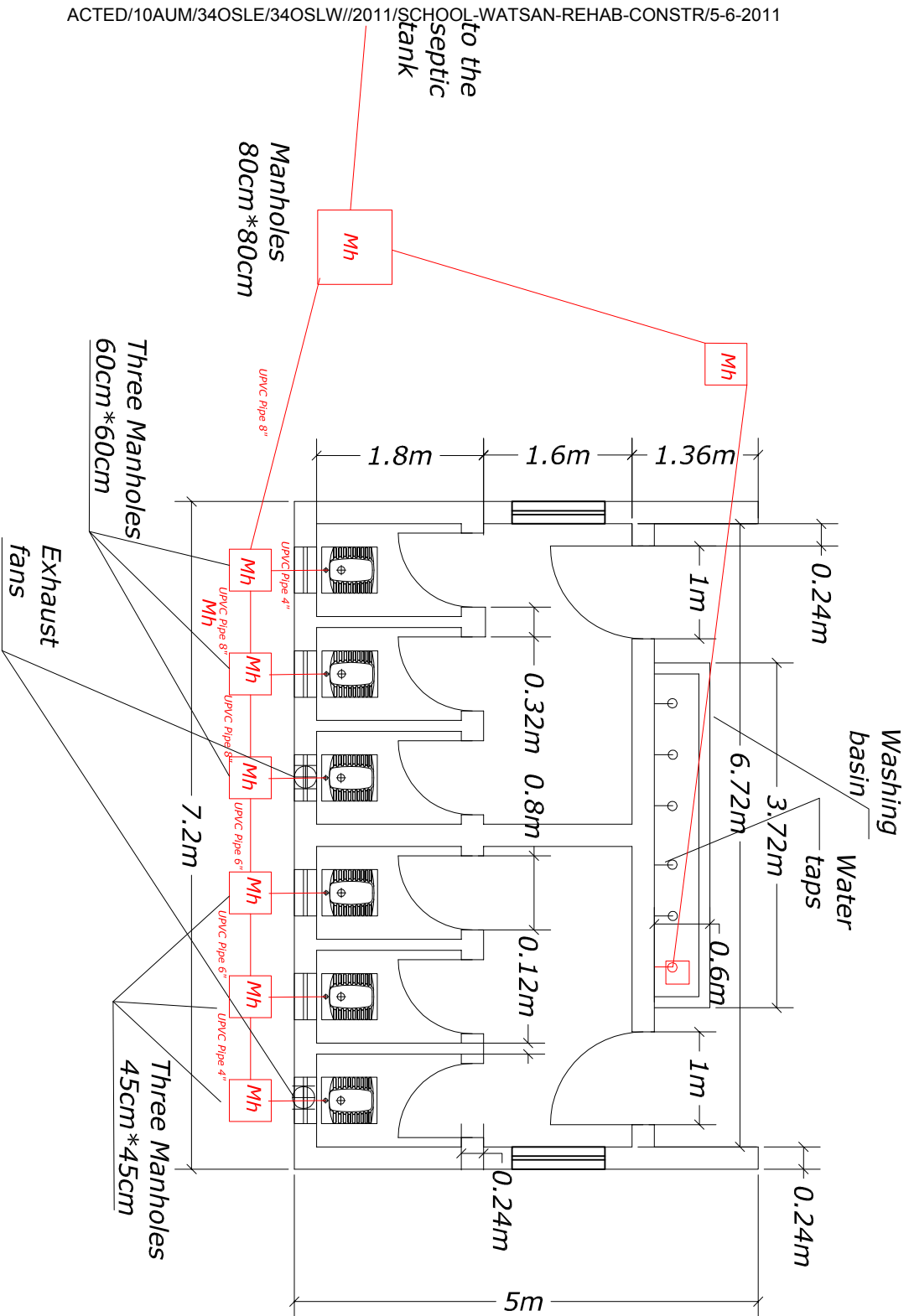
Rezhawes Shawes School
Site Plan

Date: 06/2011 - Scale: -:---

Location:

Rezhawes Shawes School
Shawes City
Erbil Governorate

GPS: 36.24795 44.08231



ACTED
Agence d'aide à la coopération technique et au développement.

Construction/Rehabilitation
of School Latrines

ERBIL

Drawing # 1-7

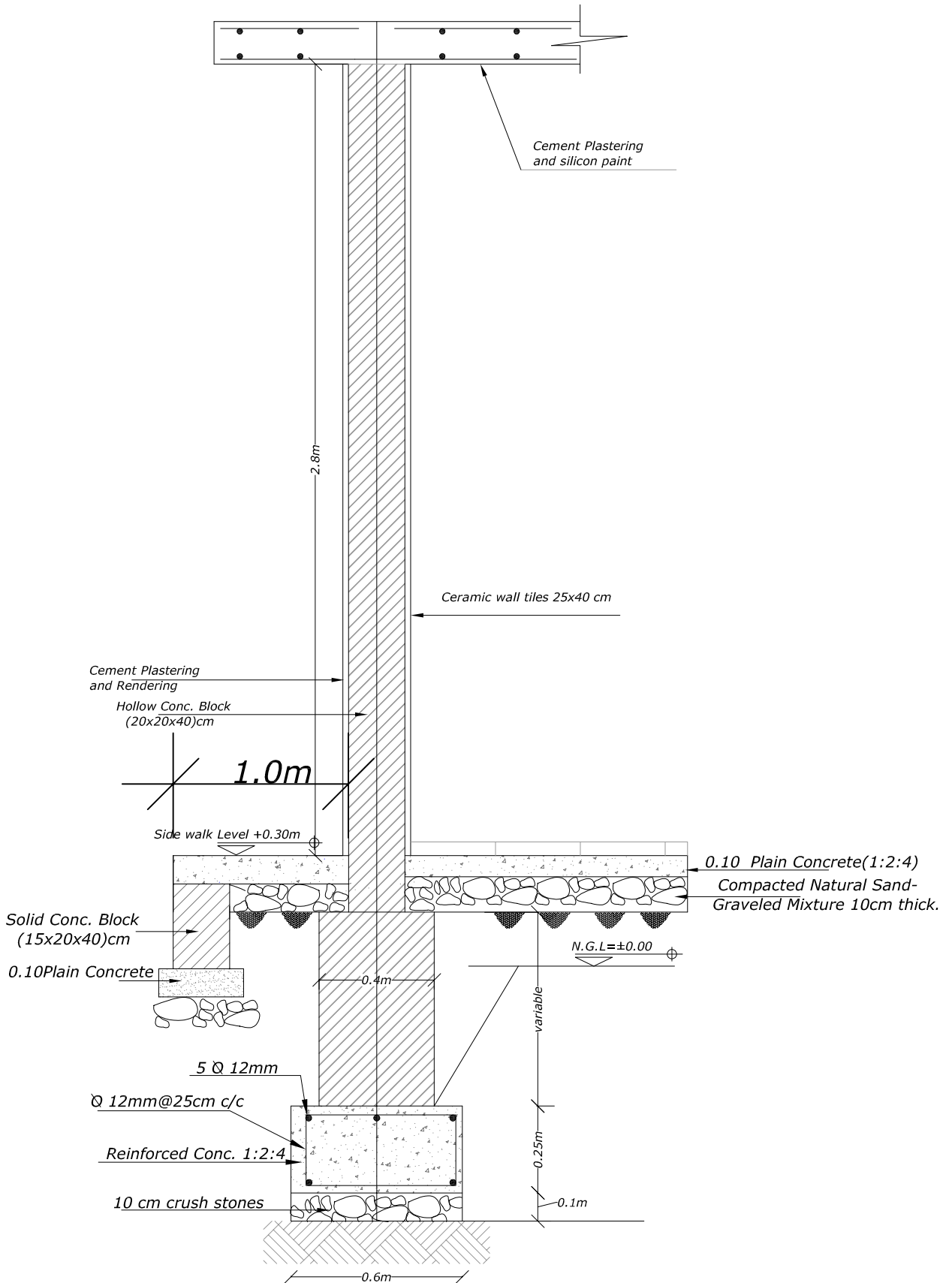
6-Latrine Block
Ground Floor Plan

Date: 06/2011

Scale: -:-

Location:

Rezhawes Shawes School
Shawes City
Erbil Governorate
GPS: 36.24795 44.08231



ACTED
Agence d'aide à la coopération technique et au développement.

Construction/Rehabilitation
of School Latrines

ERBIL

Drawing # 1-8

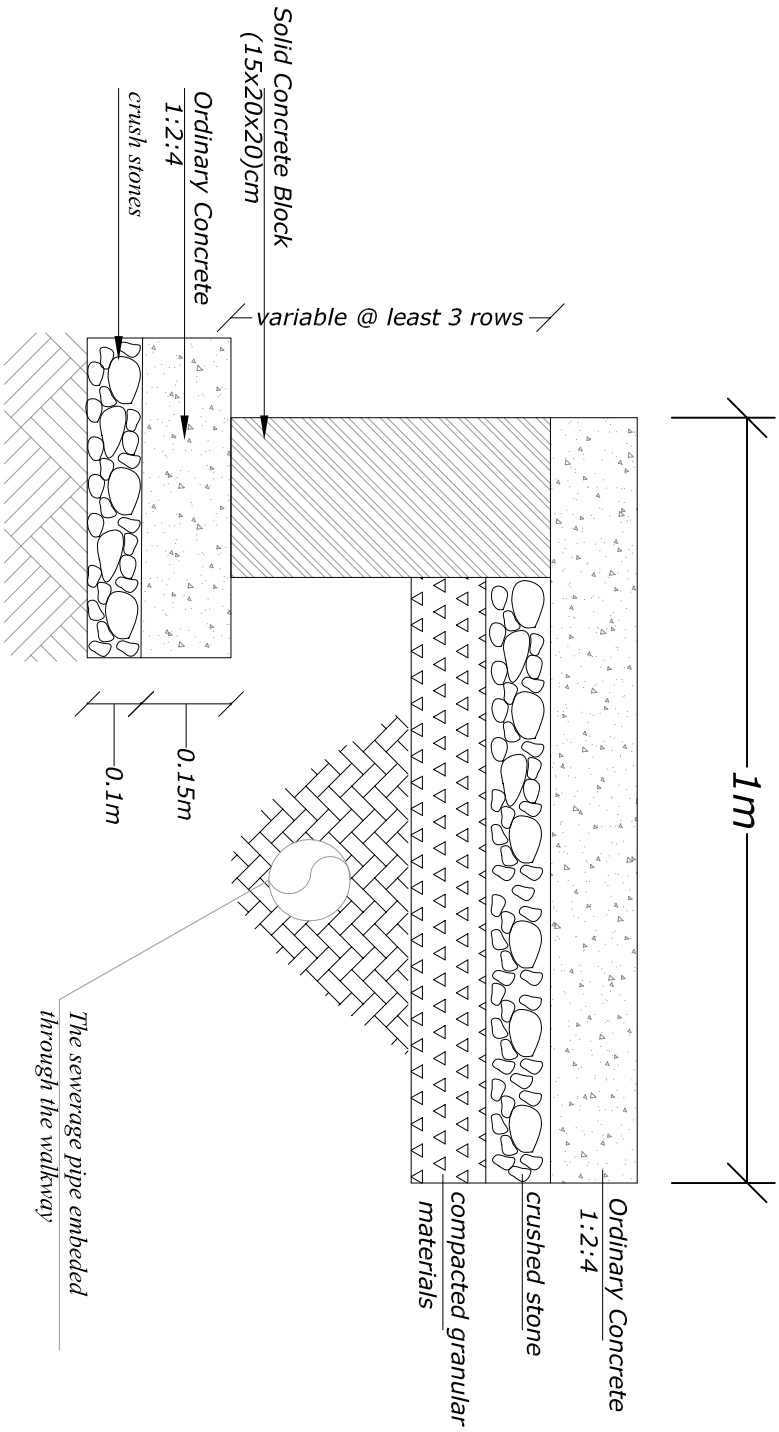
Rezhawes Shawes School
Cross Section

Date: 06/2011 - Scale: -:-:-

Location:

Rezhawes Shawes School
Shawes City
Erbil Governorate

GPS: 36.24795 44.08231



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Construction/Rehabilitation
of School Latrines

ERBIL

Drawing # 1-9

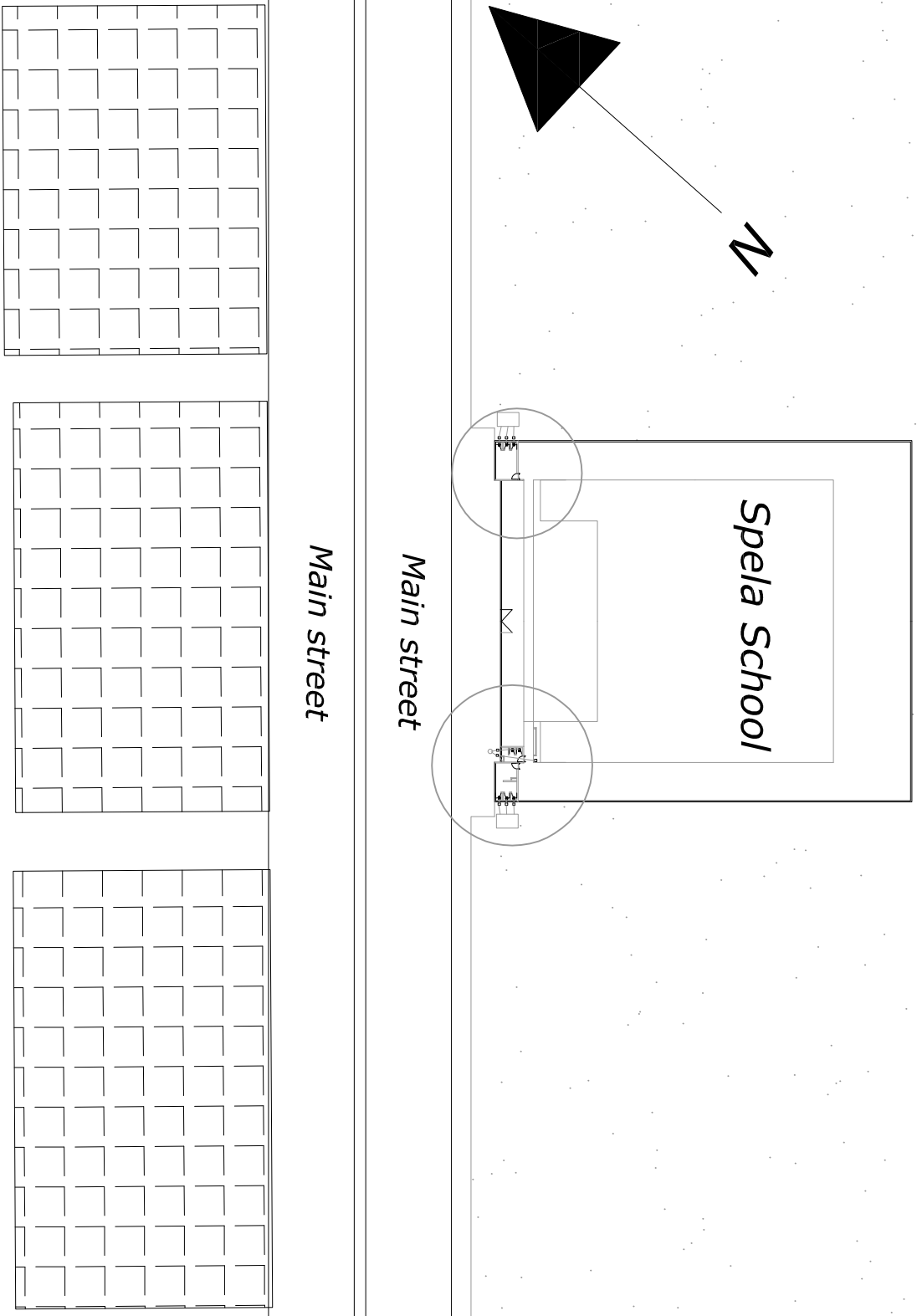
6-Latrines Block
Walkway Detail

Date: 06/2011

Scale: -:-

Location:

Rezahawes Shawes School
Shawes City
Erbil Governorate
GPS: 36.24795 44.08231



Construction/Rehabilitation
of School Latrines

ERBIL

Drawing # 1-10

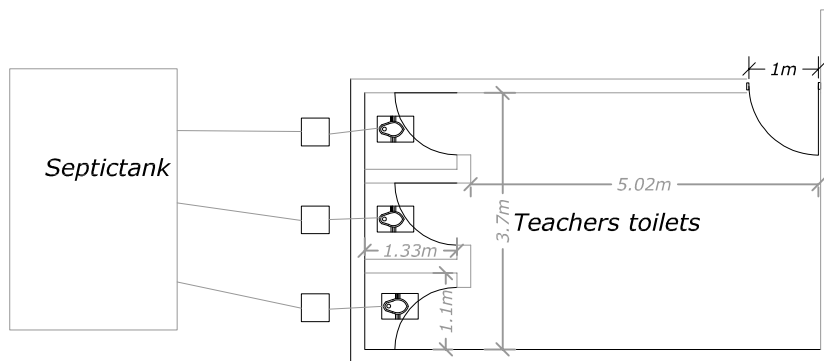
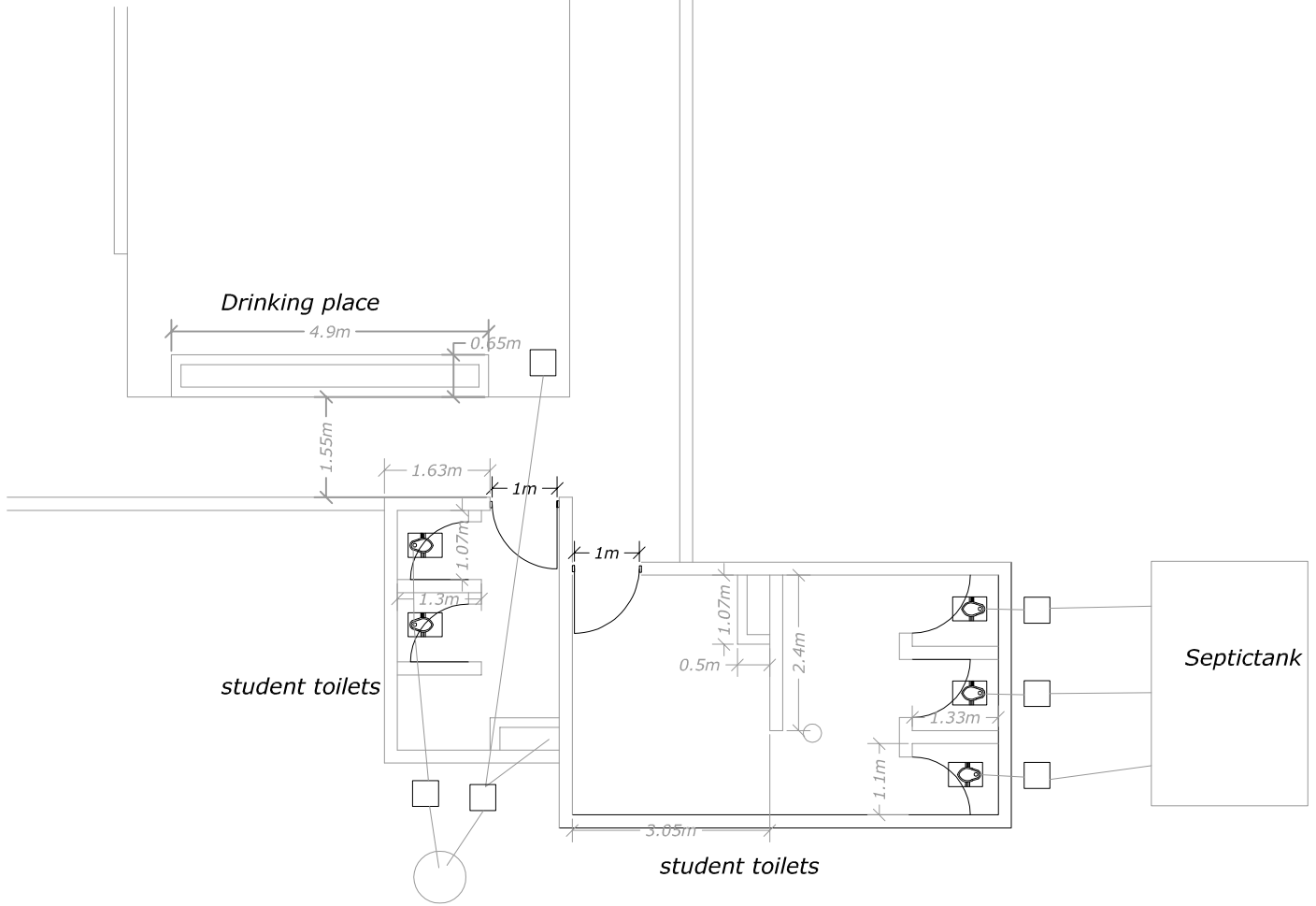
Sepala School
Site Plan

Date: 06/2011
Scale: -1:---

Location:

Sepala School
Kawr Gosik City
Erbil Governorate
GPS: 36.430933 43.80765





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Drawing # 1-11

Sepale School
Ground Floor Plan

Date: 06/2011 - Scale: - : - - -

Location:

Sepale School
Kawr Gosik City
Erbil Governorate

GPS: 36.430933 43.80765



Annex 2F - Order Form

Project No:
Proje

Governorate **Wassite**
Sub-District
DPS:

Company Name:
Name of Contractor:
Address

Tel:
E-MAIL:
Registration No:

BOQ Six-Latrine Building (Three of these buildings to be provided as part of Batch Two)							
Item	Description	وصف العمل	Unit	QUANTITY الكمية	Unit Price \$	Price \$ السعر الكلي	
A	Construction works.	الأعمال الإنشائية					
1	Supplying materials, equipments and all necessary tools to achieve foundation excavations (for the WC rooms) according to the foundation plan (please see the attached drawings) and foundation details with depth 60cm and width 60cm according to the drawing attached.	تجهيز مواد و عمل الحفريات الترابية للأسس (للحمامات) بعمق 60 سم تحت مستوى الأرض الطبيعية وعرض 60 سم وحسب المخطط المرفق.	M3	3م	11		
2	Supplying materials, equipments and all necessary tools to accomplish well compacted broken brick layer 8 cm thickness with good compaction and according to the general engineering specification according to the drawing attached.	تجهيز مواد و عمل التزييع بكمس الطابوق 8 سم مع النمل الجيد و حسب المواصفات الهندسية الفنية	M2	2م	17.5		
3	Supplying materials, equipments and all necessary tools to cast reinforced (30 cm thickness and 60cm width) concrete (1:2:4) using sulfate-resisting cement according to the drawing attached.	تجهيز مواد و عمل صب خرسانة مسلحة 1:2:4 باستعمال الاسمنت المقاوم للإصلاح للأسس المشتمره (للحمامات) سمك 30 سم وعرض 60 سم .	M3	3م	6.5		
4	Supplying materials, and building under the DPC with the dimensions 48cm width and 30cm height then 36cm width and then 20cm height using bricks and sulfate-resisting cement mortar mixing ratio is 1:3, then plastering the wall with 2cm cement and then coating the wall with the flancoat.	تجهيز مواد و عمل البناء بالطابوق الجدران تحت الدابل باستعمال مونة الاسمنت المقاوم للإصلاح و عرض 48سم ارتفاع 30سم وعرض 36سم ارتفاع 20 سم وعرض 20سم ارتفاع 20سم وحتى الوصول إلى المناسوب المطلوبة مع التشميع بمونة الاسمنت والرمل (و سمك 2 سم) والطلاء بالفلانكوت.	M3	3م	11.5		
5	Supplying materials, equipments and all necessary tools to cast plan concrete using sulfate resisting cement (1:2:4) for (D P C) and 10cm thickness	تجهيز مواد و عمل صب اسمنتية غير مسلحة 1:2:4 لطبقة مائع الرطونة باستعمال الاسمنت المقاوم للإصلاح بامتداد 10*24سم	M3	3م	0.9		
6	Supplying materials, equipments and all necessary tools to accomplish brickworks for walls with 24cm thickness and 2.95m above DPC level by using ordinary Portland cement and sand mortar with 1:3 mixing ratio.	تجهيز مواد و عمل البناء بالطابوق الجدران الحاملة فوق مستوى الدابل 2.4 سم (للحمامات) وارتفاع 2.95م فوق مستوى مائع الرطونة باستعمال مونة الاسمنت العادي والرمل 1:3	M3	3م	18.5		
7	Supplying materials, equipments and all necessary tools to accomplish brickworks (for partitions) of 12cm thickness and 2.1 m above DPC level by using ordinary Portland cement and sand mortar with proportion of 1:3	تجهيز مواد و عمل البناء بالطابوق للتقاطع فوق مستوى الدابل 12 سم وارتفاع 2.1 م باستعمال مونة الاسمنت العادي والرمل 1:3	M3	3م	2.5		
8	Supplying materials, equipments and all necessary tools to make walk-ways. This work includes: - Cast foundation with depth 30cm & thickness 10cm using normal concrete with mixing ratio 1:2:4 - Building retaining walls by bricks with height 35cm & width 24cm . - Filling with sub-base type (C) with good compaction. - Cast fair-face concrete for walk-ways surface with width 80cm using normal concrete with mixing ratio 1:2:4.	تجهيز مواد و عمل المائلي الخارجية للمجموعة المصممة ويشمل العمل : - صب اساس بعرض (30) سم وسمك (10) سم باستخدام الخرسانة العادية بنسبة خلط 1:2:4 . - بناء الجدران الساتدة بالطابوق بارتفاع (35) سم وعرض (24) سم . - الدفن بالمسحوق نوع (C) مع الرش البناء و النمل الجيد . - صب حبيبة متسقة الاسمنت المائلي بعرض (80) سم وسمك (15) سم باستخدام الخرسانة العادية بنسبة خلط 1:2:4 .	ML	مط	27.5		
9	Supplying materials, equipments and all necessary tools to cast reinforced concrete (1:2:4) for construction of the WC's: a- For lintels (24*30cm) b- For slabs - 20cm thickness c- For water proof parapet beams (20*40cm) See drawings attached	تجهيز مواد و عمل صب خرسانة مسلحة 1:2:4 في بناء الحمامات: الجبسور المشتمره فوق الفتحات 30*24سم (النتيل) بلاطة السقف 20سم سمك ح- لمربعات المياة 20*40سم 1.8 م	M3	3م	9.75		
10	Supplying materials, equipments and all necessary tools to backfill using clean soil 50cm height with good compaction. The backfill must be with two layers at 25cm each.	تجهيز مواد و عمل الدفن بالتراب التنظيف سمك 50سم مع الفرش والدخل على شكل طبقات سمك الطبقة 25سم (الأرضيات المحمات)	M3	3م	15.5		
11	Supplying materials, equipments and all necessary tools to backfill: with sub-base layer (10cm) with good compaction for floors; and all necessary tools to accomplish well-compacted broken brick layer (8cm) with good compaction	تجهيز مواد و عمل الدفن بالمسحوق كورس سمك 10 سم للأرضيات مع الرش والدخل الجيد مع التزييع للأرضيات وسمك 8 سم.	M2	2م	25.5		
12	Supplying materials equipments and all necessary tools to cast plan concrete using sulfate resisting cement (1:2:4) for floors and 10cm thickness	تجهيز مواد و عمل صب اسمنتية غير مسلحة 1:2:4 للأرضية باستعمال الاسمنت المقاوم للإصلاح سمك 10سم	M3	3م	3		
13	Supplying materials, equipments and all necessary tools to finish the interior floor with terrazzo tiles size 30*30cm and by using cement - sand mortar (1:3) and filling the joints with white cement -crushed mortar (1:1).	تجهيز مواد و عمل التطبيق بالكاشي الموزايك 30*30 سم ومونة الاسمنت 1:3 مع مائي المغاصل بالاسمنت الأبيض وغبرة الحجر الناعمة (1:1) ويعود المواصفات	M2	2م	25.5		

14	Supplying materials, equipments and all necessary tools to accomplish the roofing works after preparing the roof site. The work to include spreading two layers of bitumen separated by fibrous asphalt felt; spreading a layer of clean sand which must be free from any organic material and of 10cm average thickness; then roofing using concrete tiles (80x80x4cm) dimension, providing proper slopes; expansion joints should be done at 2cm width, closing the joint between concrete tiles by using asphalt mastic. The two layers of bitumen are to be laid perpendicularly with respect to each other.	تجهيز مواد وعمل التسطيع بالبالطات الخرسانية العاززة بإبعاد 80*80 اسم ويشمل العمل تنظيف السطح جيداً وفرش بطبقتين متمكستين من القير بغسل بينهما طبقة من الماء ثم التهويز بالتراب النظيف الخالي من المواد العضوية بسبكه لا يقل عن 10 سم عند مناطق المراتب ثم ملأ الفراغات بالأسمنتك ذا نوعية جيدة مع الكوي والحقن	M2	2٠	25.5		
15	Supply, lay, joint, and test drain pipes for the roof building. Pipes shall be PVC 4" (6 bars) the price include all necessary fittings like elbows, T-connections	تجهيز مواد وعمل موزايب من السطح للأرض قياس 4" PVC (6) بارز وبصورة عيوية تماماً مع كافة الملحقات من عكوس واليوب تقويس وكعرب	M.L	حيط	6		
16	Supplying materials, equipments and all necessary tools to accomplish cement plastering by using cement mortar with mixing ratio of 1:3 for ceiling and internal walls with thickness of 2cm - the height is 3m.	تجهيز مواد وعمل التبيح بمونة السمئت والرمل 1:3 للسطف والجدران الخارجية وبسبكه 2 سم	M2	2٠	105		
17	Supplying materials, equipments and all necessary tools to accomplish rendering the external walls by white cement-crushed mortar (1:1)	تجهيز مواد وعمل التثر بالسمئت الأبيض والغررة مع الكيس للجدران الخارجية	M2	2٠	105		
18	Supplying materials, equipments and all necessary tools to accomplish painting the ceiling with 3 coats by water paint (according to supervisor engineer direction).	تجهيز مواد وعمل الطلاء بالصمغ المستخف (البناتلات) ثم بالطلاء الدهني (الغوية) بطبقتين للسطف وحسب توجيهات المهندس المشرف	M2	2٠	25.5		
19	Supplying materials, equipments and all necessary tools to accomplish covering of interior walls by ceramic tiles (30x20cm) and by using SRC mortar of mixing ratio (1:3) and filling the joints by white cement mortar to the top of walls	تجهيز مواد وعمل لتطويف الجدران الداخلية بالسيراميك 30*20سم ذا نوعية جيدة مع كل ما يتطلبه العمل	M2	2٠	118		
20	Supplying materials, equipments and all necessary tools to accomplish construction of new taps basin with dimensions 3.6 * 0.8 * 0.6 meters and covered by ceramics. The work includes installation of PVC pipe of 4" diameter and 4 meters long. The tap basin must be supplied with 10 taps.	تجهيز مواد وعمل جاية بإبعاد 6*0.8*2.5م تغلف بالسيراميك شاملا العمل التأسيسات المائية والحجاري باستعمال النوب بلاستيك 4" بطول 4م وكلي التسطيف مع الطلاء من الكروم ومزودة بعنصر خنقوات للماء من النوع العربي المنشأ	L.S	جملة	1		
B Doors and Windows		الأبواب والشبابيك					
21	Provision of materials, and works to install steel window using standard sections. The price includes supply and fixing of 4mm glass, anti-fly mesh, 3 layers oil paints, and all accessories. - Window sizes: Six windows at 0.5m height x 0.5m width and one window at (0.5x2)m	تجهيز مواد وعمل شبابيك من الحديد الاطاربوري شخاطة تثبت على زاوية 1.5" مع الزجاج بسبكه 4مم ويشمل السعر تجهيز سلك مانع الحشرات للفرات الخشمرقة بقت باستعمال الرواسط المعدنية مع كافة ملحقات التثبيت مع الطلاء بطبقة مانع الصدأ وثلاث طبقات من الدهان وابعاد 0.5*2م عند 6	N.O	عدد	7		
22	Provision of materials, and works to install steel doors double plate (1.25mm) using standard sections, the price includes switch locks, 3 layers oil paints and all accessories. - Door size: 1x2.1m.	تجهيز مواد وعمل ابواب حديد كس وجه واحد بليت بسبكه 1.25 ملم الاطاربوري شخاطة تثبت على زاوية 2.5" ويشمل السعر كافة ملحقات التثبيت والاقفال والفرمادات والكورنات مع الطلاء بطبقة مانع الصدأ وثلاث طبقات من الدهان وابعاد 1*2.1م	N.O	عدد	1		
23	Provision of materials, and works to install steel doors single plate (1.25mm) using standard sections, the price includes switch locks, 3 layers oil paints and all accessories. - Door size: 0.8x2.1m	تجهيز مواد وعمل ابواب حديد كس وجه واحد بليت بسبكه 1.25 ملم الاطاربوري شخاطة تثبت على زاوية 2.5" ويشمل السعر كافة ملحقات التثبيت والاقفال والفرمادات والكورنات مع الطلاء بطبقة مانع الصدأ وثلاث طبقات من الدهان وابعاد 0.8*2.1م	N.O	عدد	6		
C Electrical Works:		الاتصال الكهربائي					
24	All electrical works should be done under standard specifications using good materials from known origins. The wires should be sleeved in PVC pipe (20, 25mm) Jordanian origin. The price includes fixing, testing, commissioning and all accessories required to complete job.	لتف الاتصال الكهربائي طبقاً للمواصفات القياسية باستخدام مواد من اعود الاثراع ومن مثلاً جيدة ومعروفة على ان يكون نوع التأسيس مخفي باستخدام النايب بلاستيك (PVC) اردنية المنشأ من النوع الجيد مع كافة ملحقاتها واستخدام اسلاك مفردة وحسب القوائم العمية والمعمول بها وتتمثل الاتصال الكهربائي التركيب والتثبيت والفحص والتشغيل واية توصيلات والاسلاك والنايب ومواد يظنها بلك وعند ورود كلمة تأسيس فهي تعني سعر الفقرة شاملا كافة التأسيسات والاسلاك والمواد المطلوبة الاثراع	L.S	جملة	1		
25	Provision of materials and works to lay cable 4*10 mm from main control panel to secondary DB	تجهيز مواد وعمل لمد كبل (10*4) ملم لاجصال الكهرباء من القطع الرئيسي الى القطع الفرعي وكل ما يتطلبه العمل	M.L	حيط	45		
26	Provision single fluorescent tube 4" (Philips Dutch in Origin) with all accessories using 1.5 mm2 wires	تجهيز وتركيب وحصص وتأسيس تر كوكب الازرة سفقية فلورسنت مفردة 4مقم نوع فيس هولندي كاملة مع المشائر والشمعة باستخدام اسلاك مفردة قياس 1.5ملم2	N.O	عدد	8		
27	Provision of materials and works to install power socket 13A (Australian origin) using 4mm2 wires	تجهيز وتركيب وحصص وتأسيس بلك سويج 13 امبير من اعود الاثراع المتوفرة في السوق (استرالي المنشأ) وباستخدام اسلاك مفردة قياس 4ملم2	N.O	عدد	4		
28	Provision of materials and works to install wall mounted lamp with glass anti-damp type using 1.5mm2 wires.	تجهيز وتركيب وحصص وتأسيس تر كوكب الازرة جدارية مطرية من اعود الاثراع المتوفرة في السوق (الاطلي المنشأ) وباستخدام اسلاك مفردة قياس 1.5ملم2	N.O	عدد	4		

D	Sanitary work	الاعمال الصحية						
29	Supplying materials, equipments and all necessary tools to accomplish eastern water closet vitreous of length 56cm from good type (the deep-foot type) with siphon (gully) 4" and PVC pipe (standard) 6m length from WC to septic tank.	تجهيز مواد وعمل تركيب مقاعد شرقية من النوع العميق فرغوي شاملا المرور تركيب الكلي 4" والبايب بلاستيك 4"/طول 6م من المقعد الى خزان التعفن مع كل ما يتطلبه العمل	N.O	عدد	6			
30	Supplying materials, equipments and all necessary tools to install exhausted fans 12" (Toshiba Al Arabia type) (Egyptian origin) includes wires switches and that necessary required to complete job.	تجهيز مواد وعمل تركيب مفرغات هواء 12" نوع (توشيبا العربي) معسري المنشأ مع كافة التوصيلات الكهربائية وكل ما يتطلبه العمل	N.O	عدد	2			
31	Supplying materials, equipments and all necessary tools to construct new septic tank (4x3m x 2m deep) with bricks and cement mortar. The includes pouring concrete base 45cm thickness and pouring the tank ceiling (15cm) with reinforced concrete (reinforcement iron bars mesh Ø16). The tank must be provided with an iron cover and a ventilation pipe (4" and 50cm long).	تجهيز مواد وعمل إنشاء خزان تعفن 2*3*4م بالطابوق و مونة السمات شاملا المرور صلب الاساس بالكوكريت العادي سمك 45سم والسقف بالكوكريت المسلح سمك 15سم باستعمال حديد التسليح Ø16.5 كل 15سم بكلا الاتجاهين مع غطاء من الالون والاطار مع انبوب للتفتيش 4"/طول 0.5م.	L.S	جملة	1			
32	Installing Chrome taps 1/2" (Italian or German origin) with all necessary fittings. These are for latrines.	تجهيز مواد وعمل تركيب حنفيات ماء كروم 0.5" ذات منشأ عربي	N.O	عدد	6			
33	Supplying materials and connecting to the water net by connect galvanized pipes as follows: - Galvanized pipe size 3/4". - Galvanized pipe size 1/2".	تجهيز مواد وأجهزة عمل وكل ما يتطلبه لتأمين إنشاء شبكة الماء الصحي وذلك بالربط بالبايب مطوية من المزان الرئيسي لتغذية البراق الصحية والمخارية وكالاتي: - انبوب مطون 3/4" طول 75 م - انبوب مطون 1/2" طول 75 م مع صيغ الالون بالراديت والدخان طبقين.	M.L	حيط	150			
34	Provision of materials and works and all that is required to lay PVC (Saudi Arabia origin) pipe 4" for sanitary (6 bar) with fix it by concrete, as directions of supervisor engineer.	تجهيز مواد وعمل ومد انبوب معسري 4" PVC (سعودي المنشأ) حنط 6 بار شاملا المرور التثبيت بالخرسانة وحسب توجيهات المهندس المشرف.	M.L	حيط	40			
35	Supplying materials and installing steel tower for carrying the water tanks with (2.5*1.5*3m) dimension. The base which carrying the tanks shall consist of 6 square iron bars (4") and the legs are C section bars (3"). The tower shall be fixed to the ground with concrete bases (50*50*50cm). The work includes painting all the tower parts with 2 layers of anti rust painting and supplying, installing and connecting two water tanks of 1000 litre capacity.	تجهيز المواد والعدد اللازمة و القيام بتصنيع وتركيب برج من الحديد لحمل خزانات المياه بارتفاع (2.5 x 1.5 x 3) ووضع البرج من قاعدة حاملة للخرانات من حديد مربع 4" عند 6 الارامل من حديد زاوية 3" مع كروسات للتقوية من حديد الزاوية 3" تثبت الأرجل الى الارض بقواعد كوكريتية (50*50*50سم) العمل يشمل طلاء البرج بالكامل بطبقتين من الطلاء المضاع لصدأ وتجهيز وتثبيت وربط خزانات مياه (عدد2) سعة كل واحد 1000 لتر.	No	عدد	1			
36	Supply new water pump 1/2 Hp . with all materials to connect it to the water pipe network and to the electric power with all valves needed.	تجهيز مضخة ماء جديدة قدرة 1/2 حصان مع كافة المواد اللازمة للربط الكهربائي والماني وربطها وتشغيلها وفحصها.	N.O	عدد	1			
37	Provision of materials and works to construct inspection manholes (45x45cm) by using bricks and cement mortar; plastering the manholes from inside and outside and casting the floor with concrete (10cm thickness) to make the required slope. The price includes cast iron cover. Please see attached drawings.	تجهيز مواد وعمل إنشاء منافذ 45*45سم من الطوبق والسمات شاملا العمل الخيع من الداخل والخارج وصب الأرضية 10سم مع الميلان المطلوب وتجهيز الاطار والغطاء من الالون	N.O	عدد	6			



Project No:

Project Name:

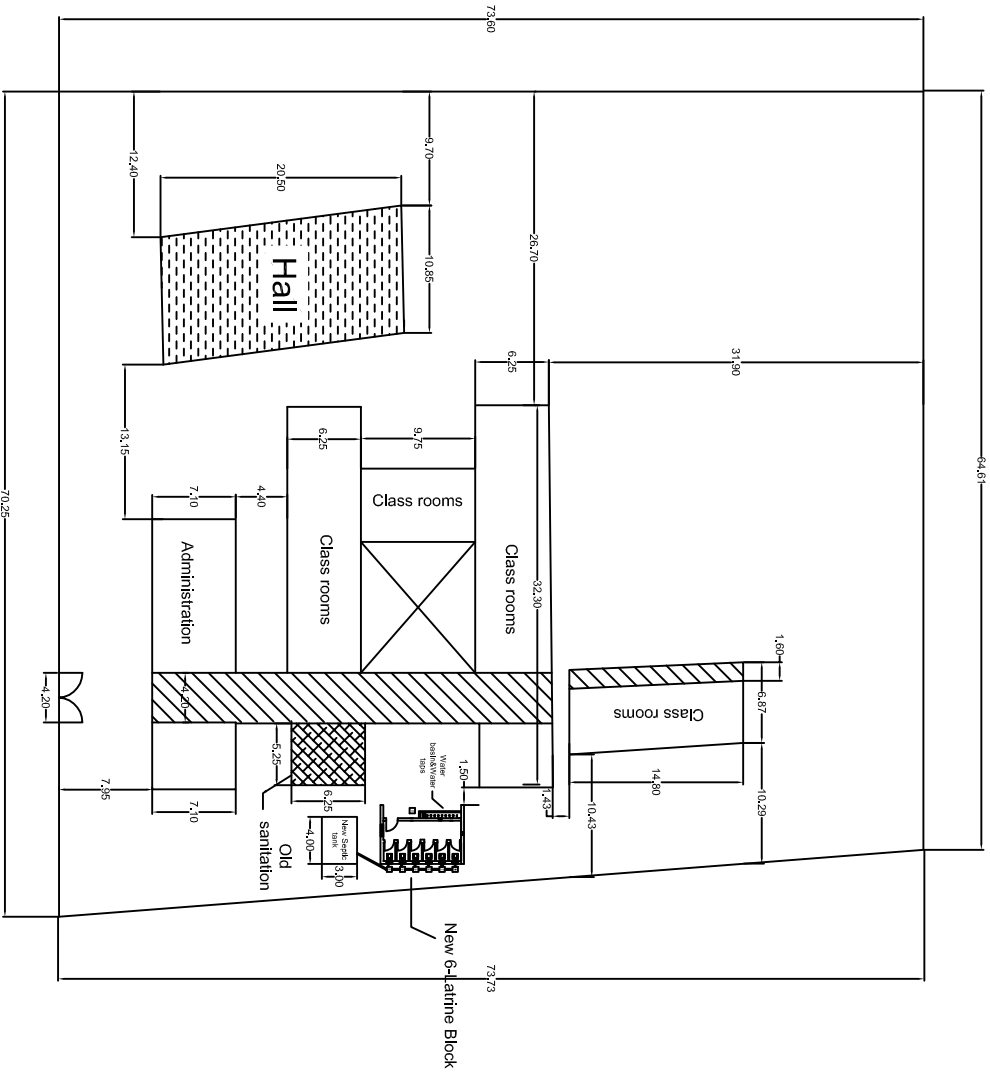
Company Name:
Name of Contractor:
Address:

Governorate: **Wassite**
Sub-District:

DPS:
Tel:
E-MAIL:
Registration No:

BOQ Eight-Latrine Building (One of these buildings to be provided as part of Batch Two)						
Item	Description	وصف العمل	Unit	QUANTITY الكمية	Unit Price \$	Total Price \$
A	Construction works.					
	الاصول الإنشائية					
1	Supplying materials, equipments and all necessary tools to achieve foundation excavations (for the WC rooms) according to the foundation plan (please see the attached drawings) and foundation details with depth 60cm and width 60cm according to the drawing attached.	تجهيز مواد وعمل الحفرات الترابية للأسس (الحمات) بعمق 60 سم تحت مستوى الأرض الطوبوية وعرض 60 سم وحسب المخطط الملحق.	M3	3٦	17	
2	Supplying materials, equipments and all necessary tools to accomplish well compacted broken brick layer 8 cm thickness with good compaction and according to the general engineering specification according to the drawing attached.	تجهيز مواد وعمل التبريع بكسر الطابق 8 سم مع التحل الجيد و حسب المواصفات الهندسية الفنية	M2	2٦	27	
3	Supplying materials, equipments and all necessary tools to cast reinforced (30 cm thickness and 60cm width) concrete (1:2:4) using sulfate-resisting cement according to the drawing attached.	تجهيز مواد وعمل لسحب خرسانة مسلحة 1:2:4 باستعمال السمنت المقاوم للإصلاح للأسس المستمرة (الحمات) سمك 30 سم وعرض 60 سم.	M3	3٦	8.5	
4	Supplying materials, and building under the DPC with the dimensions 48cm width and 30cm height then 36cm width and then 20cm height using bricks and sulfate-resisting cement mortar mixing ratio is 1:3, then plastering the wall with 2cm cement and then coating the wall with the flancoat.	تجهيز مواد وعمل البناء بالطابق الجدران تحت الدفان باستعمال مونة السمنت المقاوم للإصلاح وعرض 48سم بارتفاع 30سم وعرض 36سم بارتفاع 20 سم وعرض 20سم بارتفاع 20سم وحتى الوصول إلى الشاذب المغلوبة مع التشميع بمونة السمنت والرمل و 2 سمك 2 سم) والطلاء بالفلانكويت.	M3	3٦	12.5	
5	Supplying materials, equipments and all necessary tools to cast plan concrete using sulfate resisting cement (1:2:4) for (D.P.C) and 10cm thickness	تجهيز مواد وعمل لسحب خرسانة غير مسلحة 1:2:4 لعينة مانع الرطوبة باستعمال السمنت المقاوم للإصلاح بارتفاع 10*24سم	M3	3٦	1.1	
6	Supplying materials, equipments and all necessary tools to accomplish brickworks for walls with 24cm thickness and 2.95m above DPC level by using ordinary Portland cement and sand mortar with 1:3 mixing ratio.	تجهيز مواد وعمل البناء بالطابق الجدران المائلة فوق مستوى الدفان 24 سم (الحمات) وارتفاع 2.95م فوق مستوى مانع الرطوبة باستعمال مونة السمنت العادي والرمل 1:3	M3	3٦	18.5	
7	Supplying materials, equipments and all necessary tools to accomplish brickworks (for partitions) of 12cm thickness and 2.1 m above DPC level by using ordinary Portland cement and sand mortar with proportion of 1:3	تجهيز مواد وعمل البناء بالطابق للتقاطع فوق مستوى الدفان 12 سم وارتفاع 2.1 م باستعمال مونة السمنت العادي والرمل 1:3	M3	3٦	4	
8	Supplying materials, equipments and all necessary tools to make walk-ways. This work includes: - Cast foundation with depth 30cm & thickness 10cm using normal concrete with mixing ratio 1:2:4 - Building retaining walls by bricks with height 35cm & width 24cm - Filling with sub-base type (C) with good compaction. - Cast fair-face concrete for walk-ways surface with width 80cm using normal concrete with mixing ratio 1:2:4.	تجهيز مواد وعمل المشاكي الخارجية للمجموعة الصحية ويشمل العمل: - صب أساس بعرض (30) سم وسمك (10) سم باستخدام الخرسانة العادية بنسبة خلط 1:2:4. - بناء الجدران المانعة بالطابق بارتفاع (35) سم وعرض (24) سم. - الفان بالمشيس نوع (C) مع الرش بالماء والتحليل الجيد. - صب حصة صلبة لسطح المشاكي بعرض (80) سم وسمك (15) سم باستخدام الخرسانة العادية بنسبة خلط 1:2:4.	M.L	م.ط	32	
9	Supplying materials, equipments and all necessary tools to cast reinforced concrete (1:2:4) for construction of the WC's: a- For lintels (24*30cm). b- For slabs - 20cm thickness c- For water proof parapet beams (20*40cm) See drawings attached	تجهيز مواد وعمل لسحب خرسانة مسلحة 1:2:4 في بناء الحمات: - للجبور المستمرة فوق الفتحات 30*24سم (النتل) 31.75م. - للقفاز 20سم 3م 6. - لعوارض النوبة 20*40سم 1.8م 3.	M3	3٦	14.5	
10	Supplying materials, equipments and all necessary tools to backfill using clean soil 50cm height with good compaction. The backfill must be with two layers at 25cm each.	تجهيز مواد وعمل الفان بالقرب النظيف سمك (50) سم مع الرش والتحليل على شكل طبقات سمك الطبقة 25سم (الارضيات الحمات)	M3	3٦	20.15	
11	Supplying materials, equipments and all necessary tools to backfill: with sub-base layer (10cm) with good compaction for floors; and all necessary tools to accomplish well-compacted broken brick layer (8cm) with good compaction	تجهيز مواد وعمل الفان بالبنوس كورس سمك 10 سم للارضيات مع الرش والتحليل الجيد مع التبريع للارضيات وسمك 8 سم.	M2	2٦	40	
12	Supplying materials, equipments and all necessary tools to cast plan concrete using sulfate resisting cement (1:2:4) for floors and 10cm thickness	تجهيز مواد وعمل لسحب خرسانة غير مسلحة 1:2:4 للارضيات باستعمال السمنت المقاوم للإصلاح سمك 10سم	M3	3٦	4	
13	Supplying materials, equipments and all necessary tools to finish the interior floor with terrazzo tiles size 30*30*3m and by using cement sand mortar (1:3) and filling the joints by white cement -crushed mortar (1:1).	تجهيز مواد وعمل التطبيق بالمشاكي الموزايك 30*30 سم ومونة السمنت 1:3 مع ملأ الفراغات بالسمنت الابيض وغيره الحجر الناعمة (1:1) ويعود المواصفات	M2	2٦	40	
14	Supplying materials, equipments and all necessary tools to accomplish the roofing works after preparing the roof site. The work to include spreading two layers of bitumen separated by fibrous asphalt felt; spreading a layer of clean sand which must be free from any organic material and of 10cm average thickness; then roofing using concrete tiles (80*80*4cm) dimension, providing proper slopes; expansion joints should be done at 2cm width, closing the joint between concrete tiles by using asphalt mastic. The two layers of bitumen are to be laid perpendicularly with respect to each other.	تجهيز مواد وعمل التسطيع بالاحطاطات الخرسانية الجاهزة بأبعاد 80*80*4سم ويشمل العمل تنظيف السطح جيدا و فرش طبقتين متعامكتين من الفان بعرض بينهما طبقة من الفان ثم التبريع بالقرب النظيف الخالي من المواد العضوية بسمك لا يقل عن (10) سم عند مناطق المرازيب ثم ملأ الفراغات بالمشاكي، نا نوعية جيدة مع الكوي واللصق	M2	2٦	45	
15	Supply, lay, joint, and test drain pipes for the roof building. Pipes shall be PVC 4" (6 bars) the price include all necessary fittings like elbows, T-connections	تجهيز مواد وعمل مرازيب من السطح للأرض الفواش 4" PVC (6) بار وبمسوره صورية تماما مع كافة الملحقات من عكوس واليوب لتفويش بالكويت	M.L	م.ط	6	
16	Supplying materials, equipments and all necessary tools to accomplish cement plastering by using cement mortar with mixing ratio of 1:3 for ceiling and internal walls with thickness of 2cm - the height is 3m.	تجهيز مواد وعمل التبريع بمونة السمنت والرمل 1:3 للقفذ والجدران الخارجية وسمك 2 سم	M2	2٦	115	
17	Supplying materials, equipments and all necessary tools to accomplish rendering the external walls by white cement-crushed mortar (1:1)	تجهيز مواد وعمل التبر بالسمنت الابيض والخبرة مع الكليس للجدران الخارجية	M2	2٦	115	
18	Supplying materials, equipments and all necessary tools to accomplish painting the ceiling with 2 coats by water paint (according to supervisor engineer direction).	تجهيز مواد وعمل الطلاء بالصمغ المنسحب (البنتايت) ثم بالطلاء الدهني (الوقية) طبقتين للقفذ و حسب توجيهات المهندس المشرف	M2	2٦	30	

19	Supplying materials, equipments and all necessary tools to accomplish covering of interior walls by ceramic tiles (30x20cm) and by using SRC mortar of mixing ratio (1:3) and filling the joints by white cement mortar to the top of walls	تجهيز مواد وعمل تركيب الحدران الداخلية بالسيراميك 30*20 سم 12 نوعية جيدة مع كل ما يتطلبه العمل	M2	2م	152		
20	Supplying materials, equipments and all necessary tools to accomplish construction of new taps basin with dimensions 3.6 * 0.8* 0.6 meters and covered by ceramics. The work includes installation of PVC pipe of 4" diameter and 4 meters long. The tap basin must be supplied with 10 taps.	تجهيز مواد وعمل حياطة باحجام 3.6*0.8*2.5م تغلف بالسيراميك شاملا العمل بالاسمنتات المائية المعماري باستعمال انبوب بلاستيك 4" بطول 4م وكل ما يتطلبه مع المطام من الكروم ومزودة بخشيرة لغطاء من الوتج العربي المشا	L.S	حزمة	1		
B Doors and Windows							
21	Provision of materials, and works to install steel window using standard sections. The price includes supply and fixing of 4mm glass, anti-fly mesh, 3 layers oil paints, and all accessories. - Window sizes: Eight windows at 0.5m height x 0.5m width and one window at (0.5x1)m	تجهيز مواد وعمل شيايك من الحديد الابوابوري شعاطة تثبيت علية زاوية 1.5" مع الزجاج سمك 4م وتتمل السعر تجهيز سمك 4م مع الحشرات الفيريات المتحركة يثبت باستعمال الواصل الحديدية مع كافة ملحقات التثبيت مع الغلاء بطقية مع الصدا وثلاث طبقات من الدهان وباجام 0.5*1م (عدد 8)	N.O	عدد	9		
22	Provision of materials, and works to install steel doors double plate (1.25mm) using standard sections, the price includes switch locks, 3 layers oil paints and all accessories. - Door size: 1x2.1m.	تجهيز مواد وعمل ابواب حديد كس وجين بانيه سمك 1.25م الابوابوري شعاطة تثبيت علية زاوية 2.5" وتتمل السعر كافة ملحقات التثبيت والاقفال والزمامات مع الكوايات مع الغلاء بطقية مع الصدا وثلاث طبقات من الدهان وباجام 2.1*1م	N.O	عدد	1		
23	Provision of materials, and works to install steel doors single plate (1.25mm) using standard sections, the price includes switch locks, 3 layers oil paints and all accessories. - Door size: 0.8x2.1m	تجهيز مواد وعمل ابواب حديد كس وجه واحد بانيه سمك 1.25م الابوابوري شعاطة تثبيت علية زاوية 2.5" وتتمل السعر كافة ملحقات التثبيت والاقفال والزمامات مع الكوايات مع الغلاء بطقية مع الصدا وثلاث طبقات من الدهان وباجام 2.1*0.8م	N.O	عدد	8		
C Electrical Works:							
24	All electrical works should be done under standard specifications using good materials from known origins. The wires should be sleeved in PVC pipe (20, 25mm) Jordanian origin. The price includes fixing, testing, commissioning and all accessories required to complete job.	تتم الاصل الكهربائي طبقا للمواصفات القياسية باستعمال مواد من اجود الالات ومن منشأا جديده ومعروفه على ان يكون نوع التثبيت مطبق باستخدام انابيب بلاستيك (PVC) اربعة المنشأا من الوتج الجيد مع كافة ملحقاتها واستعمال اسلاك مفردة وحسب القوامات المبينة والمعمول بها وتتمل الاعمال الكهربائية التركيب والتثبيت والمصن والتشغيل واية توصيلات واسلاك وانابيب ومواد بطقية تلك وعند ورود كلمة تاسيس فهي تعني سعر القفزة شاملا كافة التاسيسات والاسلاك والمواد المطلوبة اللازمة	L.S	حزمة	1		
25	Provision of materials and works to lay cable 4*10 mm from main control panel to secondary DB	تجهيز مواد وعمل لمد كبل (10*4) ملم الاصل الكهربائي من القاطع الرئيسي الي القاطع الفرعي وكل ما يتطلبه العمل	M.L	م.ط	45		
26	Provision single fluorescent tube 4" (Philips Dutch in Origin) with all accessories using 1.5 mm2 wires	تجهيز وتركيب وخصم وتاسيس تركيب انارة سلفية فورسنت مفردة اقليم نوع فوايس هولندي كاملة مع الساتر كتر والشعمة باستخدام اسلاك مفردة قياس 1.5ملم	N.O	عدد	10		
27	Provision of materials and works to install power socket 13A (Australian origin) using 4mm2 wires	تجهيز وتركيب وخصم وتاسيس تلك سويج 13 امبير من اجود الالات المتوفرة في السوق(الاسترالي المنشأ) وباستخدام اسلاك مفردة قياس 4ملم	N.O	عدد	4		
28	Provision of materials and works to install wall-mounted lamp with glass, anti-damp type using 1.5mm2 wires.	تجهيز وتركيب وخصم وتاسيس تركيب انارة جدارية مطبوعة من اجود الالات المتوفرة في السوق(الاطلي المنشأ) وباستخدام اسلاك مفردة قياس 1.5ملم	N.O	عدد	6		
D Sanitary work							
29	Supplying materials, equipments and all necessary tools to accomplish eastern water closet vitreous of length 56cm from good type (the deep-foot type) with siphon (gully) 4" and PVC pipe (standard) 6m length from WC to septic tank.	تجهيز مواد وعمل تركيب مطاوع شرعية من الوتج العميق افريقي شاملا السعر تركيب الكلي 4" وانابيب بلاستيك 4" بطول 4م من المعدن الي خزان التحين مع كل ما يتطلبه العمل	N.O	عدد	8		
30	Supplying materials, equipments and all necessary tools to install exhaust fans 12" (Toshiba Al Arabia type) (Egyptian origin) includes wires switches and that necessary required to complete job.	تجهيز مواد وعمل تركيب مفرغوات هوا 12" نوع (توشبا العربي) مصري المنشأا مع كافة التوصيلات الكهربائية وكل ما يتطلبه العمل	N.O	عدد	2		
31	Supplying materials, equipments and all necessary tools to construct new septic tank (4x3m x 2m deep) with bricks and cement mortar. The includes pouring concrete base 45cm thickness and pouring the tank ceiling (1.5m) with reinforced concrete (reinforcement iron bars mesh (O16). The tank must be provided with an iron cover and a ventilation pipe (4" and 50cm long).	تجهيز مواد وعمل لبناء خزان تحين 3*4م بالطابوق ومونة السمات شاملا السعر صب الاساس بالكونكريت العادي سمك 45سم والسقف بالكونكريت المسلح سمك 15م باستعمال حديد التسليح 0.5 كل 15 سم بكلا الاتحاهن مع غطاء من الاهن والاطار مع انبوب للتفيس 4" بطول 40.5م	L.S	حزمة	1		
32	Installing Chrome taps 1/2" (Italian or German origin) with all necessary fittings. These are for latrines.	تجهيز مواد وعمل تركيب حنفيات ماء كروم 0.5" انات منشأا عربي	N.O	عدد	8		
33	Supplying materials and connecting to the water net by connect galvanized pipes as follows: - Galvanized pipe size 3/4". - Galvanized pipe size 1/2".	تجهيز مواد واورع وكل ما يتطلبه لقيام بشاء شبكة الماء الصافي وذلك بالربط بانابيب مطبوعة من الخزان الرئيسي لتغذية المرافق الصحية والجاذبية وكالاتي: - انبوب مطون 3/4". طول 75 م - انبوب مطون 1/2". طول 75 م مع صيغ الانابيب بالرادليت والدهان مطبقين.	M.L	م.ط	175		
34	Provision of materials and works and all that is required to lay PVC (Saudi Arabia pipe) 4" for sanitary (6 bar) with fix it by concrete, as directions of supervisor engineer.	تجهيز مواد وعمل ومد انبوب سباجي 4" PVC- اسلمي (سعودي المنشأا) بخضط 6 بار شاملا السعر التثبيت بالخرسانة وحسب توجيهات المهندس المشرف.	M.L	م.ط	50		
35	Supplying materials and installing steel tower for carrying the water tanks with (2.5*1.5*3m) dimension. The base which carrying the tanks shall consist of 6 square iron bars (4") and the legs are C section bars (3"). The tower shall be fixed to the ground with concrete bases (50*50*50cm). The work includes painting all the tower parts with 2 layers of anti rust painting and supplying, installing and connecting two water tanks of 1000 litre capacity.	تجهيز المواد والعداد اللازمة والقيام بتصنيع وتركيب برج من الحديد لحمل خزانات المياه باحجام (2.5 x 1.5 x 3) م بصنع البرج من قاعدة حاملة الخرزات من حديد مربع 4" عد 6 والارجل من حديد زاوية 3" مع فورسنت تقوية من حديد الزاوية 3" تثبت الارجل الي الارض بقرع كبريتاينة (50*50*50سم) العمل يشمل طلاء البرج بكامل بطبقين من الغلاء المانع للمسا وتجهيز وتثبيت وربط خزانات مياه (عدتي) سمع كل واحد 1000 لتر.	No.	عدد	1		
36	Supply new water pump 1/2 Hp., with all materials to connect it to the water pipe network and to the electric power with all valves needed.	تجهيز مضخة ماء جديده قفزة 1/2 حصان مع كافة المواد اللازمة لربط الكهربائي والمالي وربطها وتشغيلها وحسبها.	N.O	عدد	1		
37	Provision of materials and works to construct inspection manholes (45x45cm) by using bricks and cement mortar; plastering the manholes from inside and outside and casting the floor with concrete (10cm thickness) to make the required slope. The price includes cast iron cover. Please see attached drawings.	تجهيز مواد وعمل لانشاء مناهل 45*45سم من الطابوق والسمات شاملا العمل البني من الداخل والخارج وصب الارضية 10سم مع الميالن المطبوق وتجهيز الاطار والمطام من الاهن	N.O	عدد	9		
TOTAL (USD)							



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Construction/Rehabilitation
of School Latrines

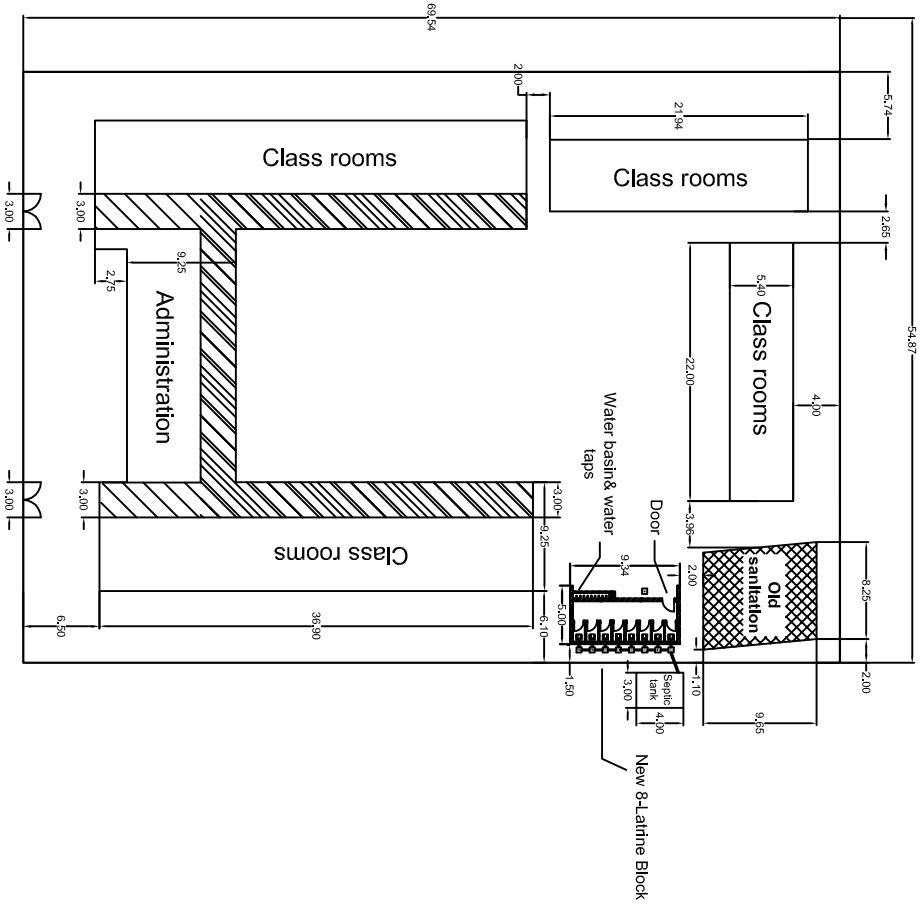
WASSIT

Drawing # 2-1

Al-Ahrar School
Site Plan

Location(s):

Al-Ahrar High School for Girls
Al-Ahrar Centre, Al-Ahrar,
Wassit Governorate
GPS: 32.5187,45.60601



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Construction/Rehabilitation
of School Latrines

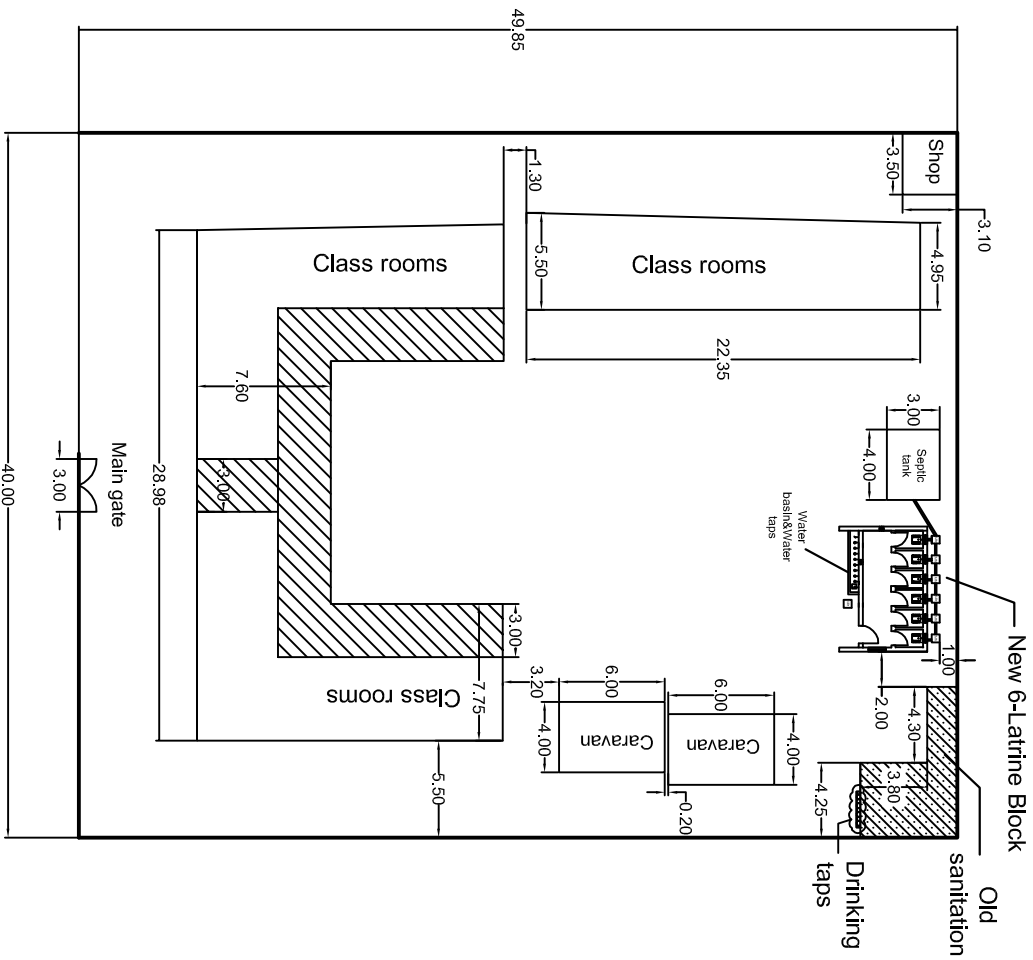
WASSIT

Drawing # 2-2

Al-Jahath School
Site Plan

Location(s):

Al-Jahath Double Primary School
Al-Khamas, Al-Oula,
Massit Governorate
GPS: 32.92093, 45.08412



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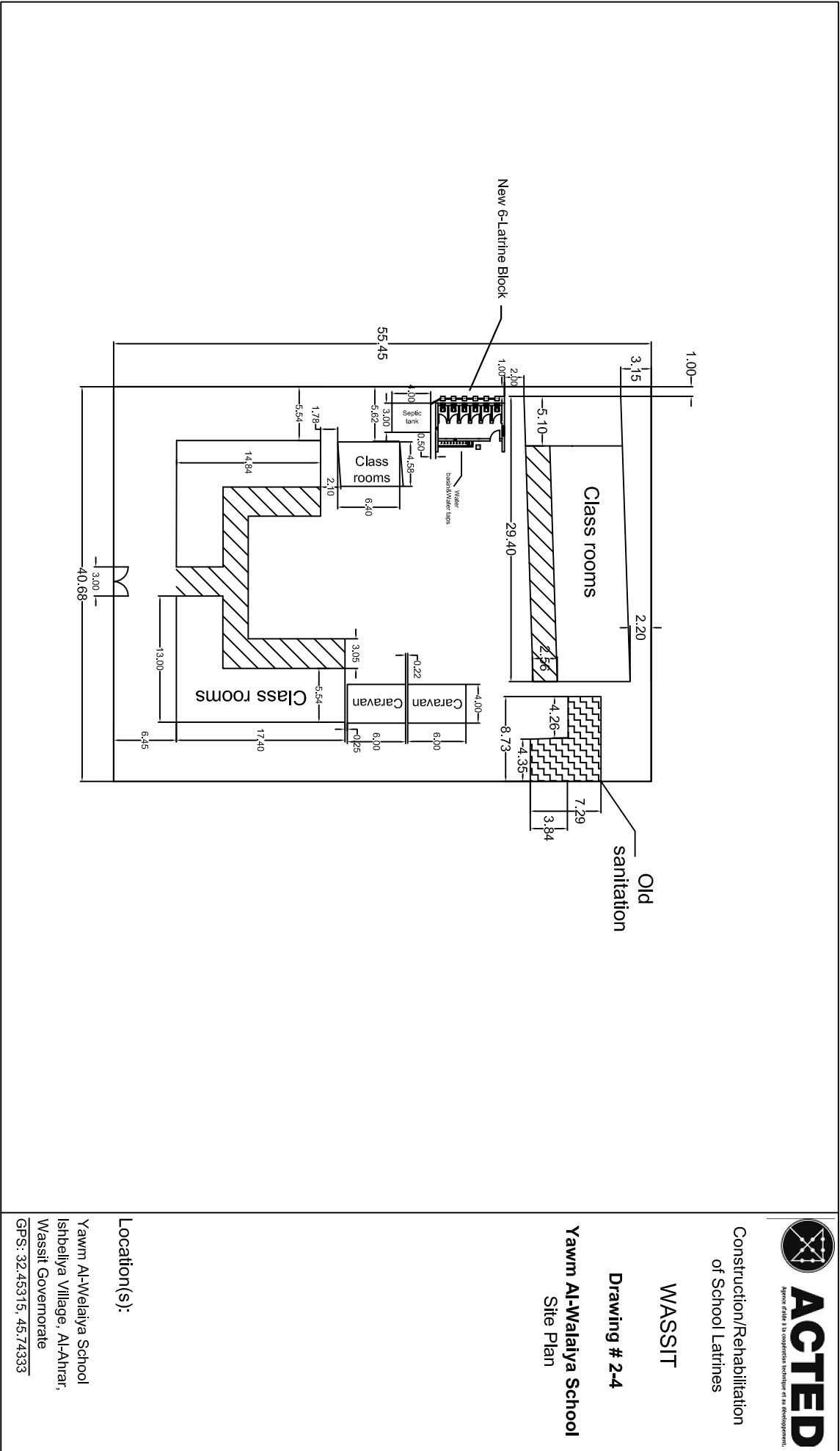
WASSIT

Drawing # 2-3

**Al-Sharif Al-Radhi
School
Site Plan**

Location(s):

Al-Sharif Al-Radhi Primary School
Al-Kharnas Al-Thaniya, Al-Aziziyah
Wassit Governorate
GPS: 32.535965, 45.050752



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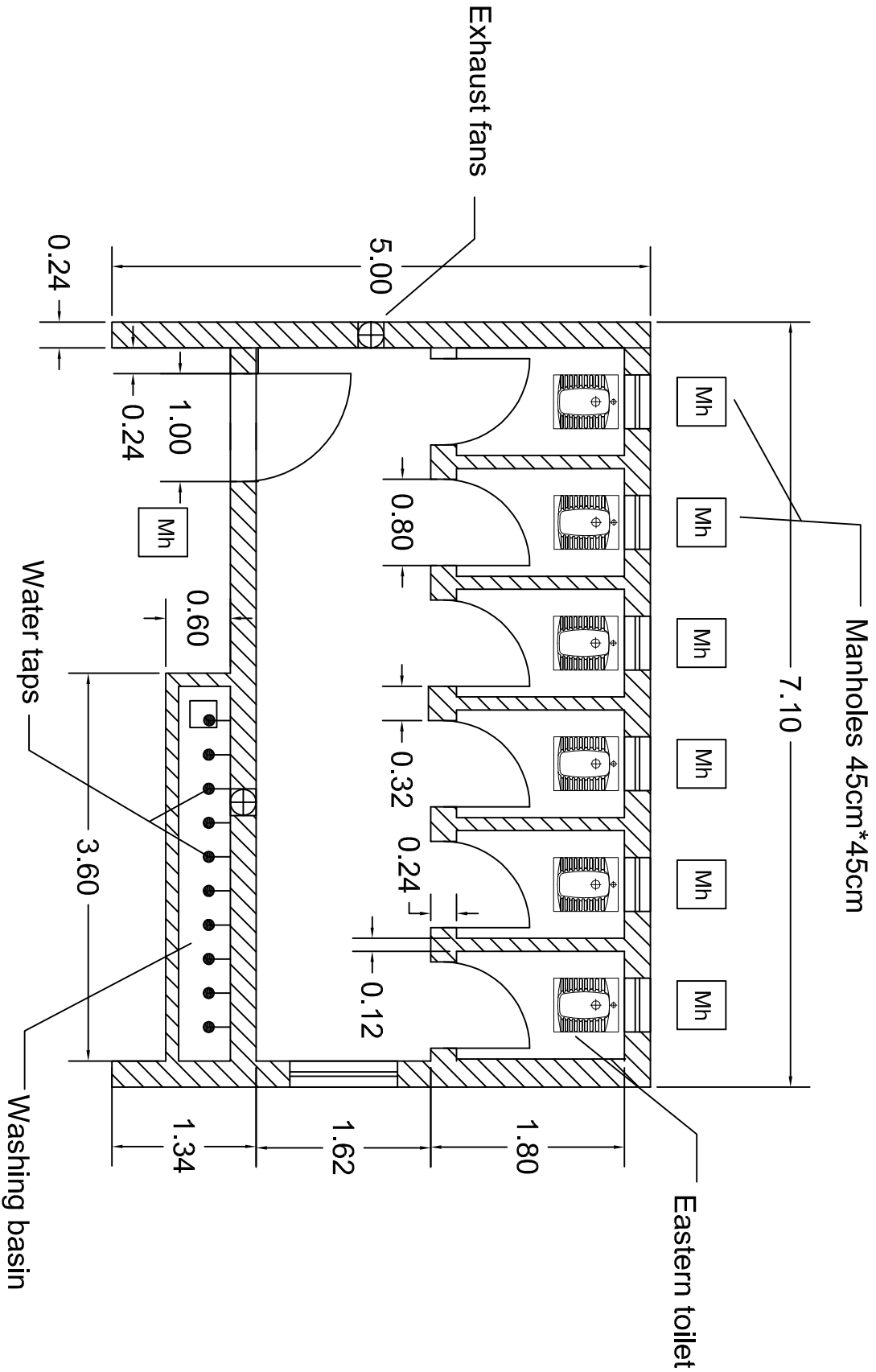
WASSIT

Drawing # 2-4

Yawm Al-Walalya School
 Site Plan

Location(s):

Yawm Al-Walalya School
 Ishbeliya Village, Al-Ahrar,
 Wassit Governorate
 GPS: 32.45315, 45.74333



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Drawing # 2-5

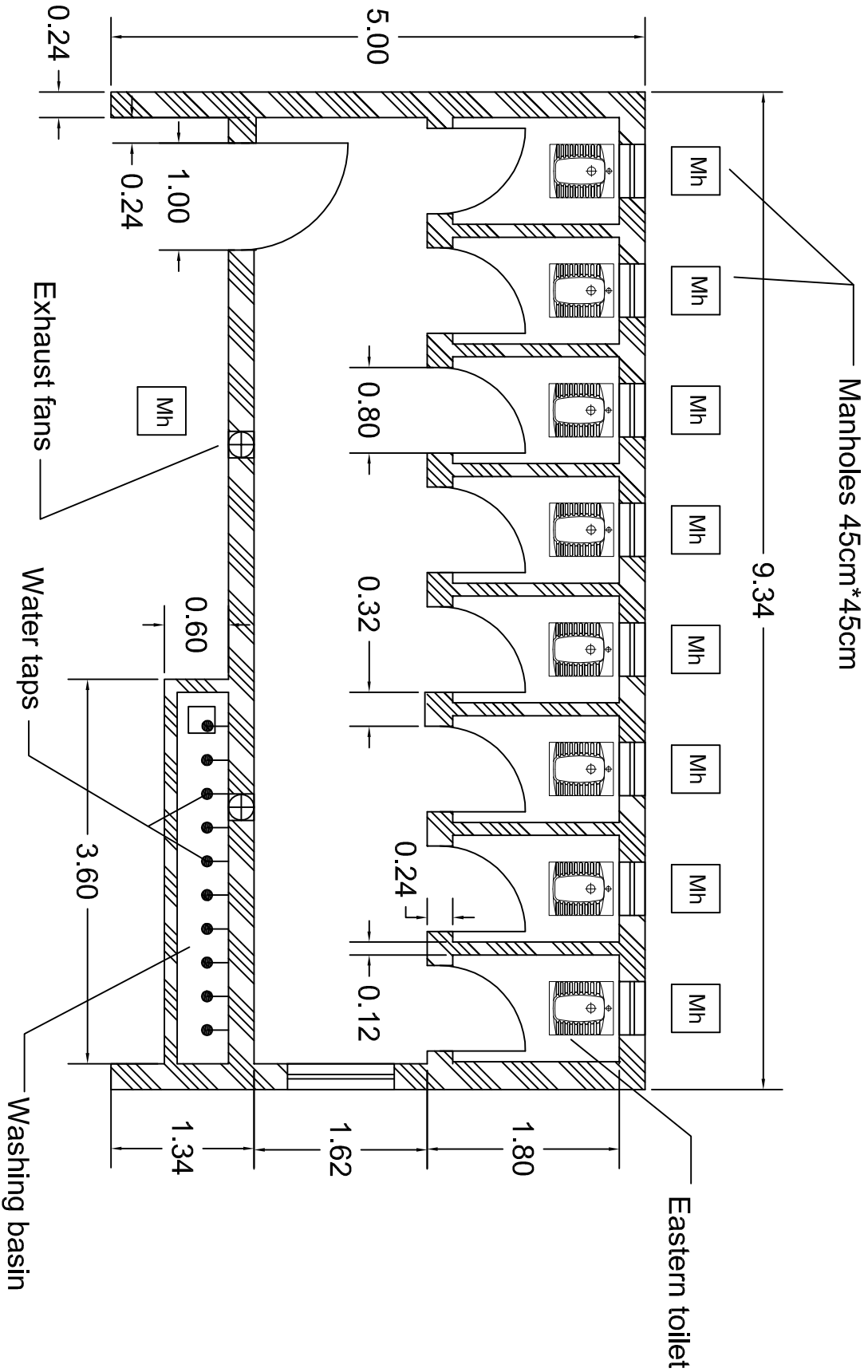
6-Latrines Block
Ground Floor Plan

Location(s):

Al-Ahrar High School for Girls
Al-Ahrar Centre, Al-Ahrar,
Wassit Governorate
GPS: 32.5187,45.60601

Al-Sharif Al-Radhi Primary School
Al-Khamas Al-Thaniya, Al-Aziziyah
Wassit Governorate
GPS: 32.535965, 45.050752

Yamm Al-Welaiya
Ishbeliya Village, Al-Ahrar,
Wassit Governorate
GPS: 32.45315, 45.74333



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Construction/Rehabilitation
of School Latrines

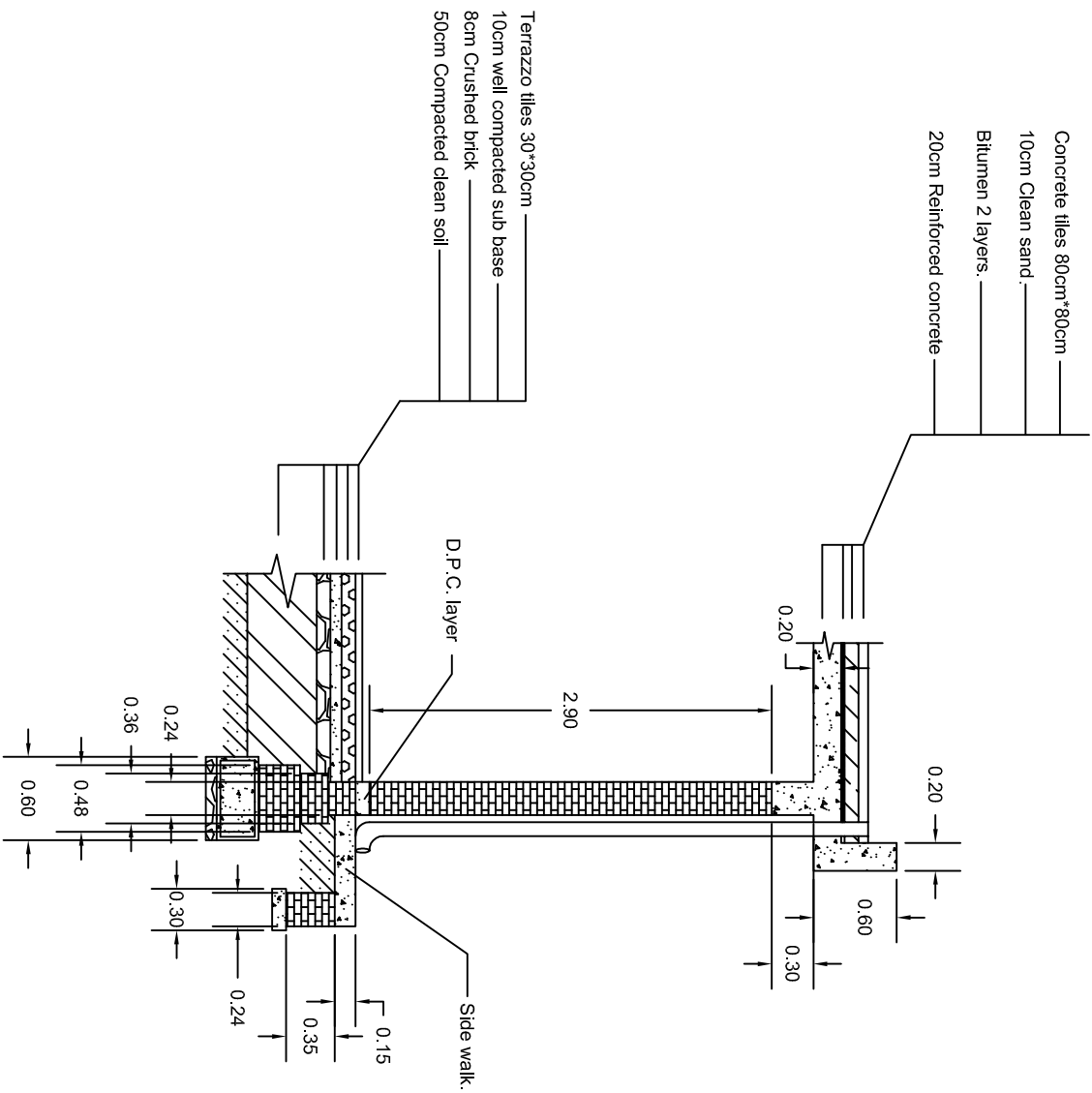
WASSIT

Drawing # 2-6

8-Latrines Block
Ground Floor Plan

Location(s):

Al-Jahath Double Primary School
Al-Kharnas, Al-Oula,
Wassit Governorate
GPS: 32.92093, 45.08412



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 of School Latrines

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Drawing # 2-7

**Six-Latrine Block
 Eight-Latrine Block**
 Cross Section

Location(s):
 Al-Ahrar High School for Girls
 Al-Ahrar Centre, Al-Ahrar,
 Wassit Governorate
GPS: 32.5187, 45.60601
 Al-Jahath Double Primary School
 Al-Khamas, Al-Oula,
 Wassit Governorate
GPS: 32.92093, 45.08412
 Al-Sharif Al-Radhi Primary School
 Al-Khamas Al-Thaniya, Al-Aziziya
 Wassit Governorate
GPS: 32.535965, 45.050752
 Yamn Al-Melaiya
 Ishbeliya Village, Al-Ahrar,
 Wassit Governorate
GPS: 32.45315, 45.74333