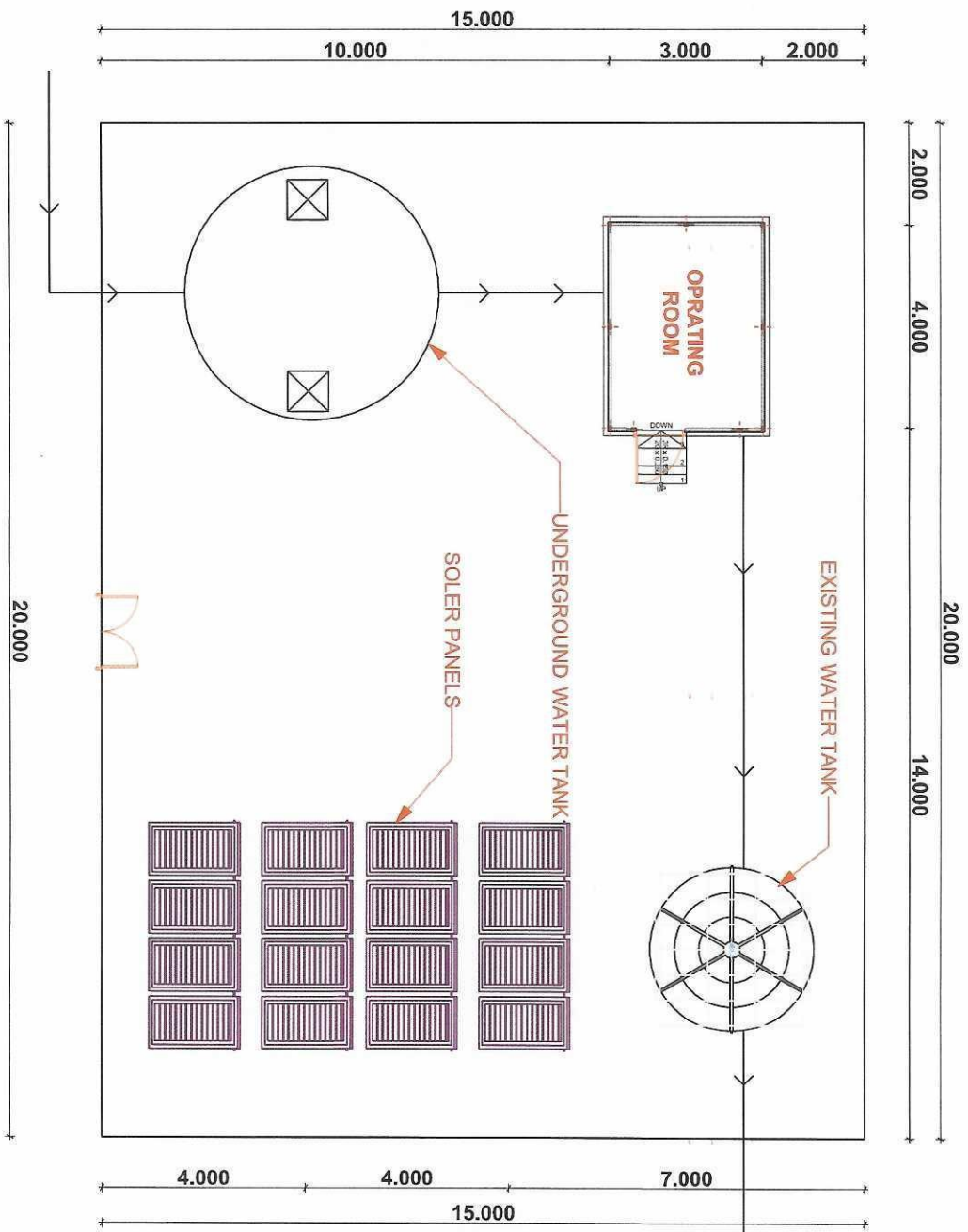


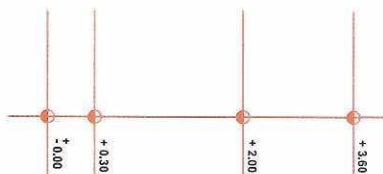
BoQs - Rehabilitation of Water Supply Station at Aljamiaa refugee Camp at Al-Salam Locality					
Item	Description	Unit	Quantity	Price (USD)	Total (USD)
1	Construction of underground Water tank with a capacity of 100 cubic meters				
1.1	Supply all materials, equipment, and excavation of a circular pit with a diameter of 6 m and a depth of 3.5 m, including disposal of excavated material at an approved location, backfilling, compaction, and all related works to complete accordance with the specifications, drawings, and the Engineer's instructions.	M³	100		
1.2	Supply all materials, equipment and cast In-Situ Plain concrete for the floor slab thickness 10 cm, with concrete mix ratio (1:3:6) including surface preparation, concrete placement, compaction, finishing, and curing, formwork, complete in accordance with the drawings, specifications.	M²	28		
1.3	Supply all materials, equipment and cast reinforced concrete bottom slab 20 cm thickness using Grade 10 mm steel reinforcement spaced at 150 cm c/c in both directions, top and bottom layers reinforcement, with concrete mix ratio 1:2:4, including surface preparation, formwork, compaction, finishing, curing, complete in accordance with the drawings, specifications, and Engineer's instructions.	M³	5.6		
1.4	Supply all materials, equipment, and construction of a circular 1.5-brick (30 cm thick) red clay brick 1:6 mortar with diameter of 6 m and an internal depth of 3.5 m, to be constructed within a pre-excavated pit. with the walls extended 1 m above the ground level. include curing, installation of wall-mounted access steps fabricated from 16 mm steel reinforcing bars at the spacing 40 cm, sand backfilling around the external perimeter of the tank in layers with compaction, site cleaning, accordance with the approved drawings, specifications, and the Engineer's instructions.	M²	66		
1.5	Supply all materials, equipment and cast reinforced concrete top slab 10 cm complete with reinforced concrete beams and cross beams measuring (30*30 cm) thickness using Grade 10 mm steel reinforcement spaced at 150 cm c/c, with concrete mix ratio 1:2:4, including manholes complete with covers (60*60 cm), pipe inlet and outlet openings, formwork, compaction, finishing, curing, complete in accordance with the drawings, specifications, and Engineer's instructions.	M³	2.8		
1.6	Supply all materials, and equipment for plastering internal walls with cement-sand mortar mixed 1:6, to the specified thickness (20 mm), including leveling, finishing with a smooth, curing, and all works to complete the item in accordance with the drawings, technical specifications, and the Engineer's instructions.	M²	66		
1.7	Supply all materials, and equipment for the application of waterproofing and protective coating to the internal surfaces of the water tank. The work shall include waterproof treatment (isolation) of walls and other surfaces, and all related works to complete in accordance with the drawings, technical specifications, and the Engineer's instructions.	M²	66		
2	Water Pump with Solar Power System				
2.1	Supply, deliver, and install Pentax water pump, European-made, with minimum discharge capacity of 50 m³/h, and total dynamic head of 40 m, complete with reinforced concrete and fabricated steel base as specified, foundation bolts, suction and discharge connections, isolation valves, non-return valve, flexible connectors, pipe fittings, electrical control panel, motor protection devices, cabling, earthing, and all accessories. in accordance with the drawings, technical specifications.	PCs	1		
2.2	Supply, deliver, and install a complete solar powered system of adequate capacity to operate a 10 kw water pump, including solar panels, pump inverter, cables, mounting structure fabricated from RHS (8*4 cm - 1mm) and steel beam 12 cm, foundations, earthing, all accessories, testing, and commissioning, complete in accordance with the drawings, specifications and the Engineer's instructions.	PCs	1		
2.3	Supply all materials and construction of a brick masonry valve (manhole), complete with plastering, reinforced concrete base slab, heavy-duty steel cover, and installation of a 4-inch gate valve for controlling the water supply between the elevated water tank and the distribution network. The work shall fittings, pipe connections, testing, and all accessories, complete in accordance with the drawings, technical specifications.	Pcs	2		
3	Operating Room (3*3 m)				
3.1	Supply all materials, install, and fabricate frame structure for the walls and roof using RHS for the column and main member (8*4 cm - 1mm) and (6*3 cm - 1 mm) for purlins, complete with 0.35 mm thick galvanized zinc sheet. The work include reinforced concrete foundations for the columns and a concrete floor slab, welding, drilling, bolting, painting, and accessories, complete in accordance with the drawings, specifications, and the Engineer's instructions.	PCs	1		
3.2	Supply, fabricate, paint, and install steel door measuring (1*2) m, constructed from RHS (6*3 cm - 1 mm) and (8*4 cm - 1 mm) for frame and leaf, covered with 0.7 mm thick steel sheet, including approved lockset, hinges, handles, welding, fixing accessories, anti-rust primer, finishing paint, and all materials.	Pcs	1		
3.3	Supply all materials, fabricate, paint, and install steel window measuring (1.5*1.5) m, constructed from RHS (6*3 cm - 1 mm) and (5*2.5 cm - 1 mm) for frame and leaf, covered with 0.7 mm thick steel sheet, including hinges, welding, fixing accessories, anti-rust primer, finishing.	Pcs	2		
4	Chain-Link Fencing and Main Gate				
4.1	Supply, fabricate and installation of chain link fencing 4 mm thickness, 5*5 cm mesh opening, high 2 m, shall be supported by angle bar 2 inch - 5 mm installed at 2.0 m spacing, Corner and end poles shall be provided with additional support braces, will be strengthened with three horizontal 8 mm diameter steel bars running continuously along the fence line, including excavation and cast-in-situ concrete of poles footing (40*40*50) cm	ML	70		
4.2	Supply, fabricate, and install a double-leaf steel gate 3 m wide 2 m high The gate frame shall be constructed from RHS (8*4) cm - 1mm, (6*3) cm - 1mm, with adequate internal bracing to ensure strength and rigidity, The gate shall be supported by 12 cm steel beams securely anchored in concrete foundations, include the supply and installation of heavy-duty hinges, locking, handles, stoppers, bolts, and all accessories.	PCs	1		
Grand Total					





PLAN LAYOUT

Project Name : Proposed Water Station	Donor :  European Commission	Location: Aljamiaa refugee camp Alsalam locality white Nile	Drawn By : DRC WASH & Infrastructure Team	Checked & Approved by: WASH & Infrastructure Coordinator	Date: JUNE 2026
---	---	--	---	--	---------------------------



Project Name :

Donor:



Location:

Aljamia refugee camp
Alalam locality white Nile

Drawn By :

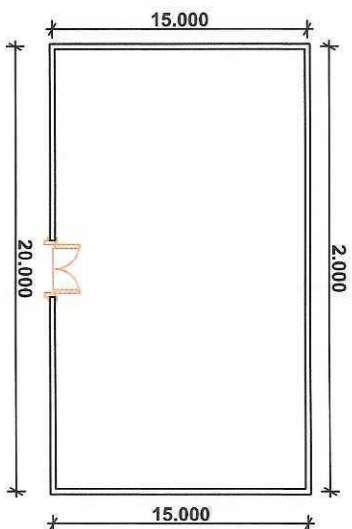
DRC WASH & Infrastructure Team

Checked & Approved by:

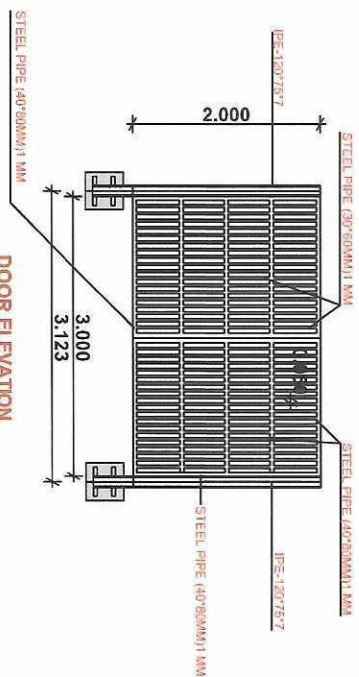
**WASH & Infrastructure
Coordinator**

Date:

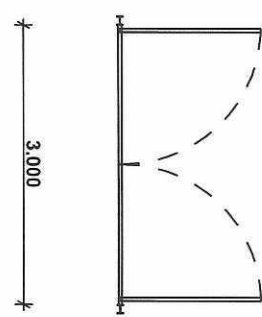
JUNE 2026



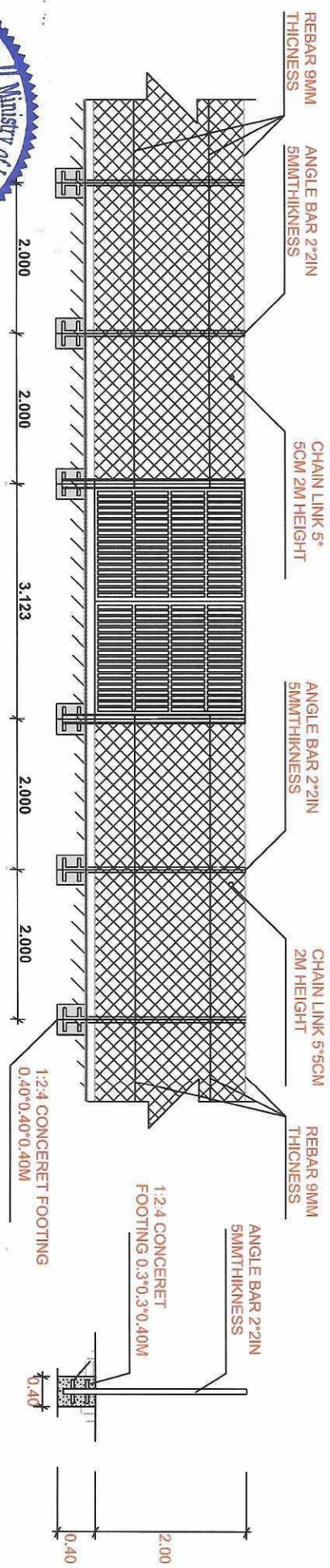
FENCE PLAN



DOOR ELEVATION



DOOR PLAN



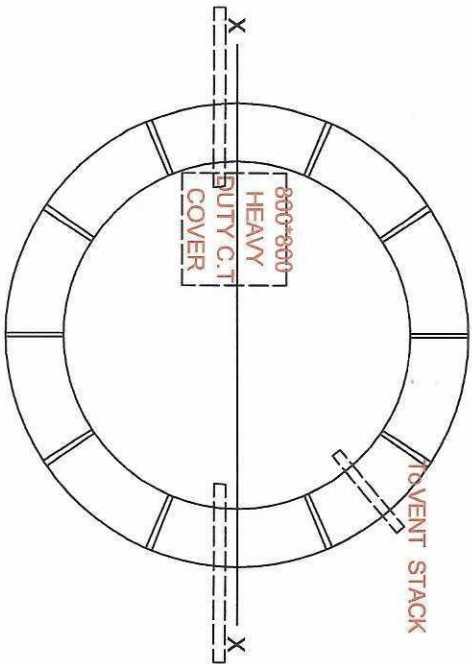
FENCE VIEW

POLES DETAILS



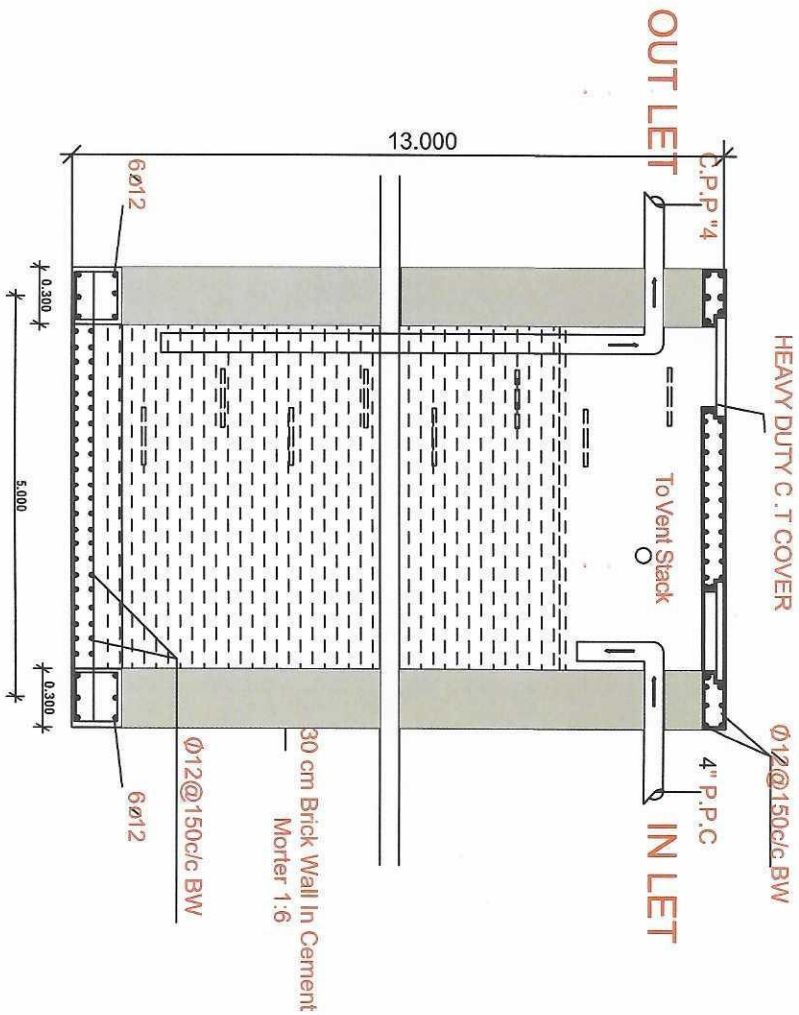
FENCE DETAILS

Project Name : Proposed Water Station	Donor : European Commission	Location: Ajamiaa refugee camp Alsalam locality white Nile	Drawn By : DRC WASH & Infrastructure Team	Checked & Approved by: WASH & Infrastructure Coordinator	Date: JUNE 2026
---	---------------------------------------	---	---	--	---------------------------



300 5.000 300

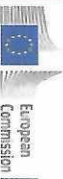
PLAN



SEC X-X

UNDERGROUND WATER TANK

Project Name :
Proposed Water Station



Donor :

Location:
Aljamiaa refugee camp
Alsalam locality white Nile

Drawn By :
DRC WASH & Infrastructure
Team

Checked & Approved by:
WASH & Infrastructure
Coordinator

Date:
JUNE 2026