

## PROJECT FINAL REPORT at AMO Programme

Name Project	Borehole at Staff Accommodation
Name Project leader	Rev. Dr. Kofi Amfo-Akonnor
Project code	2020-03
Date	22-10-2020
Approver(s)	



### 1. Scope

The activities of the project went through 5 phases which were:

Phase 1 Research on Soil Conditions and exact place for Drilling; The Driller during this phase, through a thorough search was able to identify a suitable place for the drilling, an initial spot was identified but the path leading to the spot was a bit steep for the drilling vehicle to reach so a new spot was identified at a location where the drilling vehicle got access to.

Phase 2 Actual Drilling of the Borehole; the drilling was done to the depth of 65 meters before water was found, the Driller then fixed the pump which is functioning perfectly and has good pressure to pump the water. The water after being treated became potable.

Phase 3 Connections 1 for water supply to 2 houses; The Plumber has laid the pipes which connect the 2 houses and also a welder constructed an overhead poly tank stand which has been erected.

Phase 4 Connections 2 in the houses; The Plumber has done the pipes connections in the 2 houses which are pipes connections to the wash rooms and the kitchen.

Phase 5 Fixing of Taps etc.; The Plumber has completed fixing of the taps for the showers and sinks in the washrooms and those in the kitchens.

### 2. Quality

The provision of borehole at the Staff residence would definitely ensure a better living conditions for Staff members at the residence, this is because currently Staff members get access to potable water from a borehole dug for workers at a Sawmill site about 50 to 100 meters from the Staff residence, which is only on when the workers are on site.

One is also not too sure about how well the Saw mill's storage systems are treated for health and hygienic purposes so it is very imperative that the Staff members have a borehole at their residence.

The Driller in order to meet the realistic requirements on quality ensured that the drilling was done deep which was to the depth of 65 meters, and also treated the water for a while to ensure that it is potable, though water analysis was not done to determine for instance the PH level of the water. Also to prevent any accident or hazard from electric shocks etc. the Driller used quality items for the electrical installation to ensure health and safety.

The overall drilling of the borehole has conformed to the project specification that is it has achieved the goal of the project.

### 3. Efforts

The Driller identified a suitable place for drilling and the drilling was done and water was successfully found. The pump for the borehole was also fixed and has good pressure in pumping water.

The connecting pipes have been laid by the Plumber to the 2 houses and a Welder has built a poly tank stand which has also been fixed.

All connecting pipes within the houses been fixed and water is flowing well in all the showers and taps.





#### 4. Risks & Issues

Update of Risks & Issues	Effects	Measure (s) for it
Consistent raining for days	Delays in Drilling Machine getting access to site	After a sunny day the path leading to the site got a bit dried.
Path leading to initial drilling point very steep	The drilling vehicle cannot climb the steep hill.	A new drilling point was identified at a location the vehicle can get to.
Lack of proper coordination between Driller and Plumber	Delay in project completion affecting the immediate benefit by recipients.	There should be more communication between project stakeholders.

#### 5. Time and Date

Phases	Date	Duration	Remarks
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Preparation on Project	Feb-August	-	Non available money
Execution on: Phase 1 Research	21 Sept	1 day	Country Water
Execution on: Phase 2 Actual drilling	22 Sept	1 day	Country Water – The actual drilling was done on 30 Sept
Execution on: Phase 3 Connections 1	23- 25 Sept	3 days	Plumber – This was done on time
Execution on: Phase 4 Connections 2	28 – 29 Sept	2 days	Plumber – This was done on 17 Oct
Execution on: Phase 5 Fixing	30 Sept	1 day	Plumber – This was done on 17 Oct

## 6. Budget

<b>Income:</b>	₪	
Donation - Provision	16,500.00	
<b>Expenses:</b>	<b>Estimates</b>	<b>Actuals</b>
Drilling	9,500.00	9,500.00
Plumbing works	4,413.00	4,413.00
Welding – Poly tank stand	1,422.00	1,422.00
Fixing of Poly tank stand	650.00	180.00
Miscellaneous	515.00	
	<b>16,500.00</b>	<b>15,515.00</b>

As at 15-10-20, the Percentage of completion:  $15515/16500 \times 100 = 94\%$ . The 6% left is the fixing of taps and other accessories in the two houses.

## Accounts

Date	Details	Amount ₪
	<b>Income:</b>	
02-09-20	Donation - Provision	16,500.00
	<b>Expenses:</b>	
07-09-20	Advance payment to Driller	3,000.00
15-09-20	Plumbing works	4,413.00
22-09-20	Welder	1,422.00

30-09-20	Second payment to Driller	4,000.00
01-10-20	Fixing of poly tank stand	180.00
02-10-20	Third payment to Driller	1,500.00
14-10-20	Final payment to Driller	1,000.00
		<b>15,515.00</b>
	Surplus	<b>985.00</b>

The Plumber absorbed the cost of fixing the taps and other accessories in the two houses.

The receipts/invoices of the expenses are attached below.

