

# The Takure Water Storage Tank

Construction Timeline: February 20 - April 30

When completed, the Takure Water Storage tank will serve more than 250 people in the community of Takure currently experiencing serious water scarcity challenges. This tank was designed collaboratively by the Conscious Impact team and local community leaders. It will store 40,000 Liters of water year round.

## The Estimated Budget

<u>Concrete Floor</u>	<u>Quantity</u>	<u>Cost</u>
Stone (for soling)	5 Trucks	\$525
Sand	3 Trucks	\$450
Cement	35 Bags	\$350
Rebar Reinforcement (10mm)	10 Bundles	\$850
Plywood (Concrete Formwork)	4 Pieces	\$40
	<u>Total Concrete Floor Cost</u>	<u>\$2,215</u>

<u>Stone Walls</u>	<u>Quantity</u>	<u>Cost</u>
Stone	9 Trucks	\$945
Sand	3 Trucks	\$450
Cement	35 Bags	\$350
Rebar Reinforcement (10mm)	11 Bundles	\$935
	<u>Total Stone Walls Cost</u>	<u>\$2,680</u>

<u>Concrete Roof</u>	<u>Quantity</u>	<u>Cost</u>
Sand	3 Trucks	\$450
Gravel	3 Trucks	\$360
Cement	45 Bags	\$450
Rebar Reinforcement (12mm)	8 Bundles	\$680
	<u>Total Concrete Roof Cost</u>	<u>\$1,940</u>

<u>Cement Plaster</u>	<u>Quantity</u>	<u>Cost</u>
Sand	1 Truck	\$150
Cement	15 Bags	\$150
	<u>Total Cement Plaster Cost</u>	<u>\$300</u>

<u>Galvanized Iron Pipe</u>	Pipe for connecting existing water distribution system	\$300

<u>Masonry Work and General Labor</u>	Estimated 6 people working for 20 days	\$1,800
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<b>TOTAL CONSTRUCTION COST (LABOR AND MATERIALS)</b>		<b>\$9,235</b>
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