

**Construction of Handwashing Facilities at three (3) primary schools in Juba County**

S/No	Description	Unit	Quantity	Rate (USD)	Amount (USD)
<b>1. Mobilization and demobilization</b>					
1.1	Pre-construction, cleaning, mobilization and demobilization from the site	L.S	1		
	<b>Sub-Total: 1</b>				
2.1	Remove the top soil and excavate 35cm for a strip foundation and for handwashing facilities, manholes and grey water storage tank and soakpit follow the design on the plan	Cu.m	35		
2.2	Cast a 10cm thick concrete 1:3:6 for the basement of the water point including the manholes, grease trap and for the under ground grey water storage tank	Cu.m	4.5		
2.3	Using well burnt red brick of 20 cm wall thickness bedded with cement sand mortar of 1:3 ratio, construct the handwashing facilities according to the attached drawing including all of its, under grey water ground storage tank, grease traps and manholes	Sq.m	65		
2.4	Provide and install 3/4" PPR pipe to be connected to 10 taps and 1 control flange valve and use 4" UPVC pipe to direct to grey water tank then to soak way pit through an installed Washing trap	m	45		
2.5	Cast a reinforced concrete 10cm thick in U-shaped slab for the handwashing facility using Y12 @10cm C/C as well as for the ground grey water storage tank top slab, grease trap manholes.	Cu.m	4.1		
2.6	Plaster smoothly the constructed wall surfaces of the drinking water taps stands, grease traps, manholes and grey water storage tank slab using 1:2 cement sand ratio.	Sq.m	60		
2.7	Provide and install 10 taps and at the constructed handwashing facility and direct the gray water to the soakway pit through the grease trap	pcs	33		
	Tiling Supply and install tiles at the constructed structure	Sq.m	45		
	<b>Sub-Total: 2</b>				
3.1	Supply and installation of (HDPE flexible) PE 100 pipe OD63 PN10 wall thickness 3mm (1.0) as main distribution line with a valve at the joint which extends the pipe to the Handwashing facilities with all necessary requirements at an average depth of 50cm	m	300		
	<b>Sub-Total: 6</b>				
	<b>GRAND TOTAL</b>				

**Note**

The three schools are

1. Kapuri Primary School

2. Rejaf West Primary School

3. Gumbo Basic Primary School

