



# ST. JOSEPH THE WORKER-OKUDA LTD

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Generic Cost Breakdown for borehole drilling for SORUDEO

Client: Fr. David Okullu, Solidarity for Rural Development Organisation (SORUDEO)  
 E-mail: davidokullu@gmail.com  
 Date: 05th March, 2017

ITEM	DESCRIPTION	Unit	Qty	Rate	Per Borehole	
					Total	US Dollars
<b>1</b>	<b>PRELIMINARIES AND GENERAL</b>					
1.1	Mobilization of personnel, equipment and materials	Sum	1	1,600,000	1,600,000	
1.2	Provision of all temporary facilities	Sum	1	300,000	300,000	
1.3	Hydrogeological survey	Sum	1	1,500,000	1,500,000	
1.4	Preparation and submission of completion report	Sum	1	100,000	100,000	
				<b>Sub-total</b>	<b>3,500,000</b>	

ITEM	DESCRIPTION	Unit	Qty	Rate	Total
<b>2</b>	<b>BORE HOLE CONSTRUCTION</b>				
2.1	Setting up and dismantling at every site	No.	1	900,000	900,000
2.2	Drilling 10 5/8" in overburden	m	25	135,000	3,375,000
2.3	Drilling 7-8" in fractured zone and consolidated formation	m	40	125,000	5,000,000
2.5	Sampling and storing of representative drill samples	No.	1	200,000	200,000
2.6	Supply and installation of Upvc casing (5" ND)	m	24	75,000	1,800,000
2.7	Supply and installation of Upvc screen (5" ND)	m	7	70,000	490,000
2.8	Supply and installation of gravel pack (50 bags)	bags	30	30,000	900,000
2.9	Supply and installation of inert backfill	No.	1	70,000	70,000
2.10	Casting a sanitary seal	No.	1	70,000	70,000
2.11	Well development	Hr.	1	200,000	200,000
				<b>Sub - total</b>	<b>13,005,000</b>

ITEM	DESCRIPTION	Unit	Qty	Rate	Total
<b>2.11</b>	<b>TEST-PUMPING</b>				
2.11.1	Test Pump installation and Removal	No.	1	400,000	400,000
2.11.2	Pumping time	Hr.	1	70,000	70,000
2.11.3	Recovery time	Hr.	1	50,000	50,000
2.11.4	Water sampling	No.	1	10,000	10,000
2.11.5	Water Quality Analysis	No.	1	350,000	350,000
2.12	Well Capping	No.	1	60,000	60,000
2.13	Platform casting including supply and installation of pedestal	No.	1	700,000	700,000
2.14	Clearing Site	No.	1	150,000	150,000
				<b>Sub-total</b>	<b>1,790,000</b>

ITEM	DESCRIPTION	Unit	Qty	Rate	Total
<b>3</b>	<b>HAND PUMP INSTALLATION</b>				
3.1	Supply and installation of U2 hand pump super structure incl. water tank and pump head	No.	1	700,000	700,000
3.2	Supply and install GI pipes and connecting rods for U2 pump	m	84	50,000	4,200,000
3.3	Supply and installation of U2 pump cylinder	No.	1	150,000	150,000
				<b>Sub - total</b>	<b>5,050,000</b>

### BILL OF QUANTITIES SUMMARY

Bill No.	Description	Total
1	PRELIMINARIES AND GENERAL	3,500,000
2	BOREHOLE CONSTRUCTION	13,005,000
3	TEST-PUMPING	1,790,000
4	CASTING AND HAND PUMP INSTALLATION	5,050,000
	<b>TOTAL</b>	<b>23,345,000</b>

\$6,670

Grand Total of 23,345,000 UGX an equivalent of \$ 6670.00 at Exchange Rate of \$ 1=3500 Uganda Shillings

