

PROJECT – JANUARY – DECEMBER 2018

**Economic Empowerment of Persons with Disabilities Through
Production of Pure Water at Ijoko Village, Ogun State, Nigeria.**

BILL OF QUANTITIES FOR BOREHOLE DRILLING

<u>NO</u>	<u>ITEMS</u>	<u>AMMOUNT (NAIRA)</u>
1	Allow for the cost of transporting all equipment, and personnel to site and demobilization at completion of contract	120,000.00
2	Setting up and dismantling of the rig at the drilling site	50,000.00
3	Drilling 8" diameter borehole from 0-100m depth 100 m	250,000.00
4	Drilling 8" diameter borehole from 100-110m depth	195,000.00
5	2 Drilling 8" diameter borehole above 110m depth if necessary	120,000.00
6	Water for drilling and camp use, maintenance of storage tanks, water injection systems and usage of drilling foam	80,000.00
7	Supply and Install 152mm dia plain steel casings 74 m	100,000.00
8	Supply and Install 152mm dia plasma cut steel casings 36 m	100,000.00
9	Supply and Install gravel pack in the borehole 2 Ton	125,000.00
10	Allow for borehole development work (surging by air of completed well until the water is clean (Approx. 2 hrs) 2 Hr	50,000.00
11	Allow to the cost of: (a) Reaming and boring. - M (b) Insert, remove temporary casing etc. - Hr (c) Insert 9" of temporary casing permanently. - M (d) Setting time. - Ls (e) Bentonite seal. - Ls	100,000.00
12	10 Pump testing completed well. Time taken to install and remove pump, will be charged at same hourly rate 24 Hr	80,000.00
13	Provide all materials and construct concrete top slab with well cap	25,000.00
14	Borehole Completion Data and Water Chemical Analysis Report	20,000.00
15	Supply and installation of one submersible pump capable of pumping 3m3/hr at a head of 90m including control panel, electrodes, electrode cable, underground cables float switch and various installation accessories	300,000.00
	SUB TOTAL	N1,715,000.00
	TOTAL IN EURO	\$4,900.00

BILL 1 = US\$4,900.00

INSTALLATION OF PURE WATER EQUIPMENTS

NO	EQUIPEMT/ITEMS	AMOUNT
1	Factory Location – 3 spacious rooms available inside the Foundation premises	FREE
2	Business Registration	200,000.00
3	Install overhead tanks (a reservoir to supply water to the distillation system)	250,000.00
4	NAFDAC registration	150,000.00
5	1 Automatic sealing machine (40 sachets per minute)	350,000.00
6	Nylon materials	100,000.00
7	Logo and product name printed on nylon material	10,000.00
8	2 PROFESSIONAL Operators & Trainers for a start (2 months)	60,000.00
9	Power Generating set- 25KVA	800,000.00
10	General installation	200,000.00
11	Sales Promotions & Advert to retailers	80,000.00
11	Deep cleaning to await NAFDAC INSPECTIONS	120,000.00
12	Pure Water and Bottle Water Machine	3,720,000.00
	TOTAL IN US\$	\$10,800.00

BILL 2 = \$10,800.00

SALES AND MONTHLY TURNOVER PROFIT

One automatic sealing machine and one delivering van at 100% utilization will produce 40 sachets of pure water per minute which is equivalent to 120 bags in one hour.

You can produce at least 300 bags with one machine in a day if the operator works for 4-5 hours per day and because of various disability levels.

If a bag is sold for N100

300 bags X N100 per bag = N30,000 per day

N30,000.00 X 26 days in a month = N780,000.00

EXPENSES INCURRED - Salary, Diesel, Maintenance, Distributions etc N300,000.00

NET MONTHLY TOTAL = N480,000.00

US\$ = 1,225.00 estimated

BENEFIT

It will financially empower the orphanage for 5 years without donation from any external body, if properly maintained and monitored by Bishop Emmanuel Empowerment Foundation, BEEF.

SAMPLE PICTURES



Budget Estimate USD**FAMILY VOCATIONAL INSTITUTE FOR DISABLED CHILDREN**

1, SUPPLY OF PAINTS, MATERIALS \$ INSTALLATION OF 3 TOILET CISTERN - \$1,000	
2, SUPPLY OF 30 MATTRESSES, BEDDINGS, CLOTHS, TOILETORIES	-\$3,000
3, GENERATING SETS AND INSTALLATION FOR POWER SUPPLY	- \$1,000
4, REFRIGERATOR	- \$1,000
5, FOOD & MEDICAL SUPPLIES (12 MONTHS)	- \$3,000

Total = USD9,000.00

ITEMS to be funded	
ITEM	COST (US dollars)
10 buckets of emulsion paint @ \$26	260.00
10 buckets of gloss paint @ \$20	200.00
5 buckets of silk emulsion @ \$25	125.00
3 complete sets of Toilet Cistern for disabled @ \$80.00	240.00
3 wash hand basin @ \$30	90.00
Installation & materials	85.00
FOOD & MEDICAL SUPPLIES (12 MONTHS)	
24 bags of rice@ \$30	720.00
24 gallons of vegetable oil @ \$20	480.00
24 gallons of cooking palm oil @ \$20	480.00
24 cartons of indomie noodles @ \$6	144.00
24 bags of beans @ \$25	600.00
2 cartons of beverages @ 80	160.00
24 bags of semovita @ \$4	96.00
Medical (First aid drugs) Malaria, Analgesic drugs etc	320,00
Refrigerator (preservation fridge)	1,000
30 mattresses @ 25	750.00
30 iron bed frames @ \$50	1,500.00
30 full sets of beddings clothes @ \$8	240.00
10 electric wall fans @ \$20	200,00

5 electric standing fans @ \$25	125.00
6 months supply of toiletries	185,00
Power Generating set and installation	1,000.00
Total Cost of Items	9,000.00
Total cost to be paid for by UNWG	9,000.00

CONCLUSION:

BILL 1, 2 & 3 --- \$4,900.00 + \$10,800.00 + \$9,000.00 = \$24,700.00

PROJECT ESTIMATE SOLICITED = \$24,700.00