

# BUSINESS PLAN



POTABLE WATER SUPPLY IN UGWOGO COMMUNITY- NIGERIA, AFRICA



**Prepared by:**

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## EXECUTIVE SUMMARY

My names are Ifeanyi Maxwell L. Anyachor. I am first an accountant, an entrepreneur cum agro expert. I hail from the eastern part of Nigeria.

I want to humbly use this medium to apply for a loan in the sum of \$3000 to enable me set up a potable water supply through a drilled well system in Ugwogo village in Enugu East Local Government of Enugu State, Nigeria.

The government's failure to ensure that potable water is supplied efficiently and equitably has led to rural dwellers fetching water from ponds, streams or even shallow wells. This has invariably exposed individuals to water-borne diseases and other serious health challenges. The passion for human welfare is what has made me go out of my way to seek financial intervention that will help alleviate the sufferings of vulnerable children and the elderly living in rural communities.

This project would go a long way in providing a sustainable supply of clean water in the community year round. It would also help reduce the rate of water-related infections caused by drinking contaminated water.

## PROJECT OBJECTIVES

- Create a sustainable supply of clean drinkable water in Ugwogo village – Enugu state Nigeria
- Increase the overall availability and accessibility of hygienic water in the community
- Reduce the stress of walking long distance by children and women to get water
- Reduce the problem of shortage of water especially during the inevitable hot weather in Africa occasioned by dry season at an affordable rate
- Create irrigation channels for the communities' domestic and agricultural needs

## PROJECT PURPOSE

The demand for water is said to be increasing at an exponential rate relative to the world's population growth rate. According to the World Health Organization (WHO) there are 3.4 million diarrhea deaths related to unsafe and unhygienic water every year.

The majority of deaths are children in developing countries, such as Nigeria, with poverty being the significant causal factor. The focus on water supply service has been prompted by the fact that during discussion with some members of the community, water supply ranked highest in terms of environmental and health problems in Ugwogo village. For this reason, I am willing to commit myself to solving this problem with the help of your financial assistance and friendly repayment terms.

## ACTION PLAN

To achieve this goal I have made significant progress by purchasing a land size equivalent to 460 square meters in Ugwogo village – Enugu East Nigeria.

I have also identified a reputable and professional drilling company (Deep Water Well Ltd). We have chosen to partner with them on this project because they understand the terrain and can deliver quicker and at a cheaper amount, unlike their counterparts.

My plan is to construct a drilled well about 100cm in diameter and a 3048cm in depth. The well dimensions are sized to accommodate adequate seepage and re-charge within the local geographical conditions (coal is present). The water table is located approximately 3000cm below ground. The drilled well is expected to yield a flow rate of about 75L per minute. This will ensure the availability of clean water irrespective of the season (rainy or dry) that the region normally undergoes. This will be followed by construction of an overhead steel tank stand for water storage and apron slab.

## IMPLEMENTATION PLAN

1. Site inspection would be carried out by the representatives of the drilling company
2. Assembly of drilling rig/machine to site
3. Commencement of drilling operation and lining of the bored well with caisson to prevent collapse
4. Pump testing would then be carried out to ascertain the flow rate and recovery rate of the well
5. Installation and testing of water filtering equipment
6. Installation water pumping machine and overhead tank as storage reservoir
7. Laying of pipes, cable trenching would then be carried out
8. Maintenance and risk assessment checks would be carried out on a basis best recommended by the drilling company

# FINANCIAL ANALYSIS

## PROJECT OVERHEAD COST

SN	EQUIPMENTS/MATERIALS	DESCRIPTION	COST
1	Drilling of well	Deep water well ltd	\$1,309
2	Storage tank	1000 gallons	\$313
3	Steel tank stand	12ft tall	\$519
4	<del>2.5 KVA generator</del>	purchased already	<del>\$259</del>
5	Water filter and purifier	3-in-1 model	\$200
6	Apron Slab	Elevated Multi-pump water outlets	\$215
7	Plumbing materials	Hand pump, plumbing pipes, valves etc.	\$100
8	Building materials	cements, sand, gravels and bricks	\$209
9	Labor cost	Payment to laborers/masons	\$130
		<b>Total cost</b>	<b>\$2,995</b>

## ESTIMATED CASH IN FLOW

S/N	Type of service	4L	Number of sales/month	Income/month	Total income/year
1	Potable water	\$0.013	30000L	\$104	\$1248
2	For irrigation, livestock etc.	\$0.010	57000L	\$150	\$1800
			<b>Total sales</b>	<b>\$254</b>	<b>\$3,048</b>

## PROJECTED INCOME & OPERATING COST SUMMARY

# ESTIMATED INCOME STATEMENT FOR 12 MONTHS

Description	Monthly	Yearly
<b>Revenues</b>		
Potable water supply	\$104	\$1248
Irrigation water supply	\$150	\$1800
<b>Total Revenue</b>	<b><u>\$254</u></b>	<b><u>\$3,048</u></b>
<b>Gross Profit</b>	<b><u>\$254</u></b>	<b><u>\$3,048</u></b>
<b>Operating costs</b>		
Salary and wages	\$53	\$636
Utility bill	\$31	\$378
Maintenance	\$30	\$360
<b>Total cost</b>	<b><u>\$114</u></b>	<b><u>\$1374</u></b>
<b>Net Profit</b>	<b><u>\$139</u></b>	<b><u>\$1674</u></b>

## REPAYMENT SCHEDULE

I intend to pay back the \$3000 capital with a 7.5% annualized interest over 24 months. Repayment starts counting a month after the project is established and functional, and shall be carried out quarterly; this will be fully paid in the space of 8 quarters.

Initial capital	\$3000
15% total interest	\$450
Total payable	\$3450
Quarterly payment	\$431.3

## PROJECT SUSTAINABILITY

I intend for this project to be highly sustainable because the product it will give to the community is a natural resource; meaning that the cost of production will be very minimal while the product remains stable year round. As a result of this, I intend to form a working relationship with the youth community representative.

I am confident that the collaboration would allow for smooth cohesion and viability of the business once the project is executed. There are over 145,000 indigenoues living in Ugwogo Village and only a few have access to potable water.

Considering the limited number of water vendors in the community, I believe our project will be a welcome development and receive good patronage.

The large number of farmers and their livestock in and around Ugwogo community has made the demand for water high due to its agricultural uses; this project will leverage this opportunity for its fast growth.

## Here is how you can help.

*You may send me your support through below crypto addresses:*

**Bitcoin (BTC):** bc1q9cnpn924kh0gjjvzpv5d48epk69ampn2c93fj7

**Ethereum (ETH):**

0x4a9D78eaaFcCD6813E1bD52767ADDc4B6b48A6Bb



**Bitcoin ABC (BCHA):**

qqwh698r79g0066ym9msvvukcqcmw45zry5hc53lx3

**Bitcoin Cash (BCH)** qrc5yah45k33cl3unq7jhvzs6x06xh5sscy9vs9j92

**Binance (BNB):**

bnb1lp7k5m0qgwarags0lmk7h9cmh9y6vyh0dxymq

Please send the transaction ID of your pledge/support across to me, and let me know the method of your transfer too. Thanks.

**Email:**

[maxdevalue@gmail.com](mailto:maxdevalue@gmail.com)

**Telegram:**

@maxdevalue

## CONCLUSION

Water they say is life. Water serves as a basic human resource for cooking, drinking, farming and other various activities. This project would impact on the lives of the people who live, work and go to school in Ugwogo community.

