



IRRIGATION AND WATER SUPPLY CIVIL WORKS CONTRACTORS
INSTALLATION OF SOLAR PUMPING IRRIGATION SYSTEMS
GROUND WATER EXPLORATION AND DRILLING CONTRACTORS
SOLAR OFF-GRID EXPERTS - MICRO & MINI GRIDS
SELF CONSUMPTION AND BACKUP ON-GRID SYSTEMS SOLUTIONS



ENGINEERING | INNOVATION | FINANCING



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FISD Drilling & Mining

FY 2019

IRRIGATION AND WATER PROFESSIONALS

FISD Drilling Profile

FISD Drilling is a member of the FISD Group of Companies Limited Company. It is the leading borehole drilling contractor in Malawi. Established in 2011, FISD drilling owns four state of the art PRD drilling rigs and compressors that can drill up to a depth of 800m, making FISD Drilling the only Malawian contractor that can drill the deepest.

Having been in existence for eight years, we have extensive knowledge in the field of borehole drilling and understand requirements of specific customers as well as projects. The company has been involved in a number of projects involving evaluation, baseline studies, feasibility studies, environmental impact assessment, project design and proposal

development, community need assessment etc.

Currently the company employs five drillers and two technical assistants on each rig with over ten years combined experience in drilling and maintenance of the machines. The Company has a total of 17 employees, who form part of the drilling crew in their respective units. For pump and recovery tests, the company has 12 pumps for use on site, including the necessary equipment to lower and lift submersible pumps.

Our Services

Geological Survey

After the contract has been formalized, our technical team will visit the site along with geologists

to identify the best place to carry out the drilling process.

Mobilization



The drilling rig accompanied by a support truck will reach the site. Based on the soil and rock formation conditions, we would take approximately 3 hours to prepare for the drilling process.

Borehole Drilling



The drilling is carried out by using the “Down-The-Hole” technology. This system works by using high compressed air built within our drilling rig.

The size of the hole can vary depending on the requirement of the client. As the drilling process continues, geological rock samples are taken at 2 meter intervals. Struck and water rest levels are constantly recorded. This process enables us to estimate the yield of individual aquifers encountered.

Well Casing

Once the borehole has been drilled, it must be lined with either steel or UPVC casing. The casing process keeps the well open and protects

the earth, similar to the efforts to protect groundwater. The hard metal casing shores up the wellbore and extends through both the verticality and the



horizontal drilling phases, assuring the long-term integrity of the well from end-to-end. In addition to providing stabilization and keeping the sides of the well from caving in on themselves, casing protects the well stream.

Well Development

Once the screen, pack, seals and backfill have been installed, the well is developed. This development aims at repairing the damage done to the aquifer during the course of drilling by removing clays and other additives from the borehole. This also alters the physical characteristics of aquifer around the screen and removes fine particles.

The use of over pumping as a means of development is not advocated since it only increases permeability in zones which are already permeable. Instead, we recommend mechanical surging with a plunger or the use of air or water jetting which physically agitates the gravel pack and adjacent aquifer material. This is an extremely efficient method of developing and cleaning wells.

Well Testing



After development and preliminary tests, a long-duration well test is carried out. Well tests have to be carried out on all newly-completed wells, because not only does this give an indication of the success of the drilling, design and development, but it also yields formation on aquifer parameters which are vital to the hydro geologist.

A well test consists of pumping a well from a measured static water

level (SWL) at a known or measured yield, and recording the rate and pattern by which the water level within the well changes. Once a dynamic water level (DWL) is reached, rate of inflow to the well equals the rate of pumping. Today, it is a common practice to carry out a ‘step drawdown test’, in which the yield is increased stepwise. Each step is continued until hydraulic equilibrium is reached after which the yield is increased with 50 to 100%. Towards the end of the test a water sample of 2 liters is collected for chemical analysis. The duration of the test is 24 hours, with a further 8 hours for a recovery test (during which the rate of recovery to SWL I recorded). The results of the test enables the hydro geologist to calculate the best pumping rate, the installation depth, and the drawdown for a given discharge rate.

Water Quality Test

FISD Drilling has contracted well trained chemists that conduct water quality tests in the quest of knowing the status of total coliform bacteria, nitrates, total dissolved solids and pH levels. Where a client suspects other contaminants, FISD drilling also tests for such.

Motorized Pump Installation



Depending on the well testing report, FISD Drilling installs motorized submersible pumps through its sister company; FISD irrigation and Energy Services which specializes in pumps.

List of Clients

Co-Water, Water For people, Southern Region Water Board, Central Region Water Board, Philip Morris, JTI, World Vision, Feed The Children, Land O’ Lakes, UNICEF, Innovation Africa, National Bank of Malawi, NBS Bank, Total Land Care, Farmers Union, MDRRP.

High Yield Borehole Experiences

FISD Drilling owns the biggest drilling rig in Malawi that can drill the deepest and undoubtedly the depth with massive yield. Recently, FISD registered a pump test reading of 25 litres per second on a borehole it drilled for the Southern Region Water Board in Mwanza.



Below is a table of some of our recent high yield boreholes.

SITE NAME	CLIENT NAME	BOREHOLE DEPTH	YIELD (L/S)
Ntcheu	SRWB	80	10
	SRWB	75	18.5
Dedza	SRWB	75	10
Salima	SRWB	48	13
Mulanje	SRWB	68	9
Nchalo	SRWB	60	9.5
	SRWB	60	12.5
Mwanza	SRWB	70	25
	SRWB	75	12.5
Balaka	SRWB	60	20
	SRWB	68	22



FISD Solar and Electrical Contractors: Spearhead Engineering Works in Solar Pumping Irrigation Systems and in Mini/Micro Solar Off grid systems and self-Consumption and Backup on Grid systems.



FISD Drilling Contractors: The division is responsible for Ground water Exploration and Drilling registered with NCIC as specialists in Borehole Drilling. The only Drilling Contractor in Malawi that can drill as deep as 750 meters.

Value Statement.

VISION

To be a champion solution provider in irrigation, water and clean energy in Sub-Saharan Africa.

MISSION

To provide highest quality, professional and innovative irrigation, water and clean energy solutions.

CORE VALUES

At Foundation for Irrigation and Sustainable Development, creating a positive business culture is of great importance and our shared values help us create a platform for interacting with each other as well as our clients.

Commitment: Doing what is required, do it well and exceed expectations

Integrity: Doing the right thing irrespective of the situation

Professionalism: Adhering to standards

Hard Word: Putting quality time and effort in what we do

Ownership: Taking responsibility of the process and results

Teamwork: Ability to work with others to achieve a common goal

Results Oriented: Being focused to achieve the desired outcomes in time.

STATEMENT OF PHILOSOPHY

The Foundation for Irrigation and Sustainable Development (FISD) wishes to maintain a work environment that fosters personal and professional growth for all employees. Maintaining such an environment is the responsibility of every staff member. Because of their role, managers and supervisors have the additional responsibility to lead in a manner which fosters an environment which is conducive for all staff. It is therefore the responsibility of all staff to:

- Foster cooperation and communication among each other
- Treat each other in a fair manner, with dignity and respect
- Promote harmony and teamwork in all relationships
- Strive for mutual understanding of standards for performance expectations, and communicate routinely to reinforce that understanding
- Encourage and consider opinions of other employees or members, and invite their participation in decisions that affect their work and their careers
- Encourage career growth and development of employees by helping them achieve their personal goals at FISSD and beyond
- Seek to avoid workplace conflict, and if it occurs, respond fairly and quickly to provide the means to resolve it
- Administer all policies equitably and fairly, recognizing that jobs are different but each is important; that individual performance should be recognized and measured against predetermined standards; and that each employee has the right to fair treatment
- Recognize that employees in their personal lives may experience crisis and show compassion and understanding
- Ensure that all staff strive to observe and follow different policies available at FISSD i.e. child protection, HIV and AIDs etc.

FISSD Leadership

We are proud to have trained our team in Water Supply and Irrigation engineering within the Country and abroad. This is coupled with vast experience and professionalism of the team that shares the organization mission to deliver successful projects and best results for our clients.

Our people are crucial in the delivery of our services and solution to our clients. In order to ensure that everyone is equipped with the right skill, knowledge and attitude, a comprehensive training program is put in place to constantly upgrade our people in technical and management skills.

We believe firmly in providing the right training, accredited certification and practical knowledge for our people, in order for them to execute their duties and responsibilities confidently. Our aim is to stay relevant to the ever-changing market place and client's requirement.



Figure 1 the largest drilling in Malawi that drills the deepest borehole depth



Equipment Capacity



Equipment Capacity



Figure 2 Part of the equipment FISD uses for surveying and mapping



Figure 3 One of the projects on which our HI-tech equipment was used

GENERAL EXPERIENCE

The experience in works of a similar nature and volume over the past years, and details of work under way or committed; including expected completion date and client who may be contacted for further information on those contracts are given below;

S#	PROJECT NAME AND COUNTRY	NAME OF CLIENT AND CONTACT PERSON	TYPE OF WORK PERFORMED AND YEAR OF COMPLETION)	VALUE OF CONTRACT
1	Drilling of high yielding Boreholes for a Water Supply system, Construction and Installation of FRI-DEV Pumps plus Aprons for Islamic relief	<p>ISLAMIC RELIEF</p> <p>Contact Details: Chiyembekezo Ngoma +265 881 62 87 65</p> <p>Chiyembekezo.Ngoma@islamic-relief.com</p>	<p>Type of Work:</p> <ul style="list-style-type: none"> • Conducting geo-physical survey • Drilling of high yield boreholes • Construction of boreholes • Installation of Pumps • Construction of Aprons <p>Year: march 2022 To june2022</p>	MK23,978,812.50
2	Drilling of high yielding Boreholes for a Water Supply system, Construction and Installation of AFRI-DEV Pumps plus Aprons for United Purpose.	<p>UNITED PURPOSE:</p> <p>Contact Details: Contact Manager (Dalitso Mandanda) +265 999 448 443</p> <p>dalitso.mandanda@united-purpose.org</p>	<p>Type of Work:</p> <ul style="list-style-type: none"> • Geo-physical survey • Drilling of high yield boreholes • Construction of boreholes • Installation of Pumps • Construction of Aprons 	MK79,000,000

			<p>year: February 2022 To April 2022</p>	
3	<p>Drilling of high yielding Boreholes for a Water Supply system, Construction and Installation of FRI-DEV Pumps plus Aprons for CADECOM.</p>	<p>CADECOM P.O.BOX 115 ZOMBA MALAWI Contact Details +265 999 145 422 zarddipc@gmail.com</p>	<p>Type of Work:</p> <ul style="list-style-type: none"> • Geo-physical survey • Drilling of high yield boreholes • Construction of boreholes • Installation of Pumps • Construction of Aprons <p>year: January 2022 To February 2022</p>	<p>MK17,500,000</p>
3	<p>Drilling of high yielding Boreholes for a Reticulation system</p>	<p>MUST AND LIWONDE WB Contact Details +265 01 525 311 Srwboard@srwb.com</p>	<p>Type of Work:</p> <ul style="list-style-type: none"> • Geo-physical survey • Drilling of high yield boreholes • Construction of boreholes • Installation of Pumps • Construction of Aprons <p>year: October 2021 To December 2021</p>	<p>MK347,354,688</p>
4	<p>Drilling of high yielding Boreholes for a Water Supply system</p>	<p>BUNDA COLLEGE CRWB Alex Chambo</p>	<p>Type of Work:</p> <ul style="list-style-type: none"> • Geo-physical survey 	<p>MK16,534,600</p>

		+265 886 83 65 88.	<ul style="list-style-type: none"> • Drilling of high yield boreholes • Conducting pumping tests (24-hrs per borehole) • Construction of boreholes <p>year: 2021</p>	
5	Drilling of 8 high yielding Boreholes for Reticulation systems.	<p>CHITIPA</p> <p>CRS</p> <p>Contact Person:</p> <p>Anthony Mwamtobe</p> <p>+265 999 10 17 70.</p>	<p>Type of Work:</p> <ul style="list-style-type: none"> • Geo-physical survey • Drilling of high yield boreholes • Construction of boreholes • Conducting 6hr pumping tests per borehole • Installation of Pumps • Construction of Aprons <p>year: 2021</p>	MK22,200,400
6	Drilling of 12 high yielding Boreholes for Reticulation systems.	<p>KARONGA</p> <p>CRS</p> <p>Contact Person:</p> <p>Anthony Mwamtobe</p> <p>+265 999 101 770</p>	<p>Type of Work:</p> <ul style="list-style-type: none"> • Geo-physical survey • Drilling of high yield boreholes • Construction of boreholes • Installation of Pumps • Construction of 	MK28,795,199.00

			Aprons year: 2021	
7	Drilling of high yielding Boreholes for Reticulation systems.	<p>MANGOCHI UNITED PURPOSE P.O. BOX 159 LILONGWE MALAWI 01 772 831 Procurement.mw@united-pupose.org</p>	<p>Type of Work:</p> <ul style="list-style-type: none"> • Geo-physical survey • Drilling of high yield boreholes • Construction of boreholes • Installation of Pumps • Construction of Aprons <p>year: 2020</p>	MK 21,723,900
8	Drilling of 9 high yielding Boreholes for Reticulation systems.	<p>MANGOCHI INNOVATION AFRICA Contact Person: Temwa Chisunkha Cell: +265 884234348</p>	<p>Type of Work:</p> <ul style="list-style-type: none"> • Geo-physical survey • Drilling of high yield boreholes • Construction of boreholes <p>year: 2020</p>	MK74,250,000
9	Drilling of high yielding Boreholes for a Reticulation system	<p>MUST AND LIWONDE SRWB Contact Details (+265) 01 525 311 Srwboard@srwb.com</p>	<p>Type of Work:</p> <ul style="list-style-type: none"> • Geo-physical survey • Drilling of high yield boreholes • Construction of boreholes • Installation of Pumps 	MK347,354,688

			year: 2020	
10	Drilling of high yielding Boreholes and Installation of solar power system for a drip irrigation system	Kasungu UNODC - KASUNGU PRISON Area 40, Plot 7` Lilongwe 3.	Type of Work: <ul style="list-style-type: none"> • Drilling of high yield boreholes • Installation of solar powered drip system. year: 2020	MK61,303,892
11	Drilling and Installation of AFRIDEV HANDPUMP	DOWA UNITED PURPOSE P.O. BOX 159 LILONGWE MALAWI 01 772 831 procurement.mw@united-pupose.org	Type of Work: <ul style="list-style-type: none"> • Geo-physical survey • Drilling of high yield boreholes • Construction of boreholes • Installation of Pumps • Construction of Aprons year: 2020	MK64,800,000.
12	Construction of Solar Powered Nyamvuwu, Oleole and Mwalija Irrigation Schemes.	CHIKWAWA Churches Action In Relief And Development (CARD) and Environment Africa.	Type of Work: <ul style="list-style-type: none"> • Geo-physical survey • Drilling of high yield boreholes • Construction of boreholes • Installation of Pumps • Construction of Aprons 	MK 217,564,620.00

			year: 2020	
10	SE4RC- Districts Design Nsanje and Chikwawa Finalization, Construction, Installation, and Commissioning of Solar Power Stations for Nyamvuwu, Chimombo, Oleole and Mwalija Sites”	<p>MALAWI</p> <p>Churches Action In Relief And Development (CARD) and Environment Africa</p> <p><u>Contact</u></p> <p><u>Persons:</u></p> <p>CARD: Melton Luhanga - +265 1840778</p> <p>Environment Africa: Paradzayi Hodzonge - C/o P.O. Box A 639, Avondale, Harare, Zimbabwe.</p>	<p>Type of Work:</p> <ul style="list-style-type: none"> • Geo-physical survey • Drilling of high yield boreholes • Construction of boreholes • Installation of Pumps • Construction of Aprons <p>year: 2018</p>	MK 1,665,788,546.80
11	Sustainable Rural Water Supply and Sanitation Infrastructure for Improved Health and Livelihoods Project- Construction of One Hundred and Forty Four (144) Boreholes in Mangochi District.	<p>MANGOCHI</p> <p>Development- Manobo House</p> <p>Private Bag 353, Lilongwe 3.</p>	<p>Type of Work:</p> <ul style="list-style-type: none"> • Geo-physical survey • Drilling of high yield boreholes • Construction of boreholes • Installation of Pumps • Construction of Aprons <p>year: 2018</p>	MK 547,101,000.00

12	<p>Construction of Nloka, Tayamba and Mang'anda Solar Powered Irrigation Schemes.</p> <p>Design for Solar powered Water pumping systems for Nloka, Tayamba and mamng'anda Irrigation Schemes</p> <p>Supply and Installation of the associated solar driven pumps</p> <p>Supply and installation of pipelines</p> <p>Construction of pump houses</p> <p>Excavation of pipelines</p>	<p>MALAWI</p> <p>Farmers Union of Malawi (FUM), Lilongwe, Malawi.</p> <p>Prince Kapondamgaga</p> <p>+265 999 716 347</p>	<p>Type of Work:</p> <ul style="list-style-type: none"> • Geo-physical survey • Drilling of high yield boreholes • Construction of boreholes • Installation of Pumps • Construction of Aprons <p>year: 2018</p>	<p>MK 441,813,912.00</p>
13	<p>Development and Construction of Tilimbike Irrigation Scheme and Installation of Solar Irrigation Facilities and Equipment</p>	<p>MALAWI</p> <p>Total Land Care (TLC),</p> <p>P.O Box 2440, Lilongwe, Malawi.</p> <p>Contact Person:</p> <p>Phillip Tembo</p> <p>+265 999965386</p>	<p>Type of Work:</p> <ul style="list-style-type: none"> • Geo-physical survey • Drilling of high yield boreholes • Construction of boreholes • Installation of Pumps • Construction of Aprons <p>year: 2018</p>	<p>MK 202,168,300.00</p>
14	<p>Sustainable Participatory Initiative for Secondary Education Support (SPICES)</p>	<p>MALAWI</p> <p>European Union (EU Delegation of Malawi)</p>	<p>Type of Work:</p> <ul style="list-style-type: none"> • Geo-physical survey • Drilling of high yield boreholes • Construction of 	<p>MK 640,000,000.00</p>

			<p>boreholes</p> <ul style="list-style-type: none"> • Installation of Pumps • Construction of Aprons <p>year: 2017</p>	
15		<p>ZAMBIA</p> <p>JTI Leaf Zambia Ltd, Trinity Office Park, Plot 16806, Alick Nkhata Road, Mass Media Area, Lusaka, Zambia.</p> <p>Tel. +260 211 375 000</p>	<p>Type of Work:</p> <ul style="list-style-type: none"> • Geo-physical survey • Drilling of high yield boreholes • Construction of boreholes • Installation of Pumps • Construction of Aprons <p>year: 2017</p>	
16	Solar Pumping Systems at Dedza and Madisi Schemes.	<p>DEDZA AND DOWA, MALAWI</p> <p>Central Region Water Board,</p> <p>Private Bag 59,</p> <p>Lilongwe – Malawi</p> <p>Contact Person:</p> <p>Mr. Chambo – 0999 857 050</p>	<p>Type of Work:</p> <ul style="list-style-type: none"> • Geo-physical survey • Drilling of high yield boreholes • Construction of boreholes • Installation of Pumps <p>year: 2017</p>	MK 47,723,300.00
17	Equipping JTI Farmers with easy Access to Water for Tobacco Nurseries in Malawi and supporting School Feeding programmes through Solar	<p>MALAWI</p> <p>JTI/ TABLE FOR TWO USA, Mayumi Uejima-Carr, Co-President, Tel: +1 318-359-9736, Visit:</p>	<p>Type of Work:</p> <ul style="list-style-type: none"> • Borehole drilling • Well logging 	MK 375,400,000.00

	Powered School gardens	http://www.tablefor2.org	<ul style="list-style-type: none"> • Supply & installation of UPVC casings • Supply and packing well sorted gravel • Conduct constant pumping test • Supply and Installation of Solar Powered pumps for associated school gardens in Lilongwe and Ntcheu district <p>year: 2016</p>	
20	Construction and Installation of 11 boreholes and 11 solar pump units in Salima	<p>SALIMA, MALAWI</p> <p>MALAWI Mangoes(MM), and Agricultural Commodity for Africa(ACE)Market-led small holder Farmer Development for poverty Reduction in Malawi P.O.BOX 499, Salima</p> <p>Contact Person: Majamanda</p> <p>0999962274</p>	<p>Type of Work:</p> <ul style="list-style-type: none"> • Geo-physical survey • Drilling of high yield boreholes • Construction of boreholes • Installation of Pumps <p>year: 2016</p>	MK574,617,600.00
21	Drilling of High Yield Boreholes Including Siting and Development: Transmission pipe Lines and Solar Sets,Ntchisi,Mchinji,Nkhotakota ,Ntcheu,Bembeke,Dedza,Ntchisi-Central Region Water Board	<p>NTCHISI, MCHINJI, NKHOTAKOTA, NTCHEU, BEMBEKE, DEDZA, NTCHISI.</p> <p>The Government Of The Republic Of Malawi Ministry Of Finance, Economic Planning and Development,</p>	<p>Type of Work:</p> <ul style="list-style-type: none"> • Geo-physical survey • Drilling of high yield boreholes • Construction of boreholes • Installation of 	USD1,655, 468.23

		<p>Malawi Drought Recovery and Resilience Project, P.O. Box 30049. Lilongwe. Malawi</p> <p>Contact Person: Amon Chirambo +265 888 232 000</p>	<p>Pumps</p> <p>Year: 2016</p>	
22	<p>Drilling of High Yield Boreholes Including Siting and Development: Transmission pipe Lines and Solar sets, Mwanza, Neno, Muloza, Ntchalo, Zomba, Domasi, Machinga and Balaka.</p>	<p>MALAWI</p> <p>The Government Of The Republic Of Malawi Ministry Of Finance, Economic Planning and Development, Malawi Drought Recovery and Resilience Project, P.O. Box 30049. Lilongwe. Malawi</p> <p>Contact Person: Amon Chirambo +265 888 232 000</p>	<p>Type of Work:</p> <ul style="list-style-type: none"> • Geo-physical survey • Drilling of high yield boreholes • Construction of boreholes • Installation of Pumps • Installation of Transmission pipe line. <p>Year: 2016</p>	USD855 426.33
23	<p>Drilling / Construction of Works: for(a) solar powered boreholes (b) Boreholes fitted with Hand pumps</p>	<p>LILONGWE, MALAWI</p> <p>UNITED NATIONS CHILDRENS FUND (UNICEF), UNICEF MALAWI, P.O.BOX 30375, AIRTEL COMPLEX, MALAWI.</p> <p>Contact Person: Jackson</p> <p>0995892239</p>	<p>Type of Work:</p> <ul style="list-style-type: none"> • Geo-physical survey • Drilling of high yield boreholes • Construction of boreholes • Installation of Pumps <p>Year: 2015</p>	MK1,068,948,625.00
24	<p>Drilling and Construction of 10 SOLAR POWERED BOREHOLES</p>	<p>Malawi</p> <p>Alliance One, P.O BOX, Lilongwe</p> <p>Contact Person:</p>	<p>Type of Work:</p> <ul style="list-style-type: none"> • Geo-physical survey • Drilling of high 	MK281,000,000.00

		<p>ELVIS SUKANI</p> <p>0999975911</p>	<p>yield boreholes</p> <ul style="list-style-type: none"> • Construction of boreholes • Installation of Pumps <p>Year: 2015</p>	
25	<p>Borehole siting and Drilling 14 Deep Test Boreholes in Selected Villages In Chikhwawa District.</p>	<p>CHIKWAWA</p> <p>Water For People, 28 Press Village, Namiwawa, P.O.BOX 1207, Malawi and Charity Water.</p> <p>Contact Person: Wellington Mitore</p>	<p>Type of Work:</p> <ul style="list-style-type: none"> • Geo-physical survey • Drilling of high yield boreholes • Construction of boreholes • Installation of Pumps <p>Year: 2015</p>	MK450,000,000.00
26	<p>Borehole Drilling, Dismantling and removal of Old civil works and 20 Afridev Pumps.</p>	<p>MALAWI</p> <p>Feed The children, P.o. Box</p> <p>Lilongwe.</p> <p>Contact Person: Amon Muhamba</p> <p>0995 257044</p> <p>265 881 919 191.</p>	<p>Type of Work:</p> <ul style="list-style-type: none"> • Geo-physical survey • Drilling of high yield boreholes • Construction of boreholes • Installation of Pumps <p>Year: 2015</p>	MK85,000,000.00
27	<p>Borehole Siting, drilling, pump testing, and solar installation 9 boreholes</p> <p>Borehole drilling in Malawi, Zambia and Tanzania</p>	<p>MALAWI, ZAMBIA, TANZANIA</p> <p>Philip Morris, Act Alliance.</p>	<p>Type of Work:</p> <ul style="list-style-type: none"> • Geo-physical survey • Drilling of high yield boreholes • Construction of boreholes 	MK168,000,000.00

			<ul style="list-style-type: none"> • Installation of Pumps <p>Year: 2014</p>	
28	Drilling and Installation of High Yield boreholes.	<p>MALAWI</p> <p>Sulsdec Green Villages, Area 5</p> <p>Contact Person: NICKSON KUMWENDA</p> <p>0999661361</p>	<p>Type of Work:</p> <ul style="list-style-type: none"> • Geo-physical survey • Drilling of high yield boreholes • Construction of boreholes • Installation of Pumps <p>Year: 2014</p>	MK45,000,899,000
29	Drilling of 6 boreholes.	<p>MALAWI</p> <p>Land O'Lakes</p> <p>P/Bag A148, Lilongwe.</p> <p>Contact Person</p> <p>0998 957 989</p>	<p>Type of Work:</p> <ul style="list-style-type: none"> • Geo-physical survey • Drilling of high yield boreholes • Construction of boreholes • Installation of Pumps <p>Year: 2014</p>	MK 25,932,900.00
30	Drilling of One 1 Borehole and Solar pump and Panels	<p>MALAWI</p> <p>UNICEF</p> <p>P.O. Box 30375, Lilongwe 3.</p> <p>Contact Person – Jackson</p> <p>0995 892 239.</p>	<p>Type of Work:</p> <ul style="list-style-type: none"> • Geo-physical survey • Drilling of high yield boreholes • Construction of boreholes • Installation of Pumps 	MK 29,638,078.36

			Year: 2013	
31	Drilling of four(4) Borehole and fitted with solar lumps.	<p>UNICEF</p> <p>P.O. Box 30375, Lilongwe 3.</p> <p>Contact person- Johannes Wedening 0995 892 239</p>	<p>Type of Work:</p> <ul style="list-style-type: none"> • Geo-physical survey • Drilling of high yield boreholes • Construction of boreholes • Installation of Pumps <p>Year: 2013</p>	MK 194,401,492.00
32	Borehole drilling, Pump and solar panel installation and water storage construction and services in selected health facilities in kasungu and chitipa districts	<p>CO-WATER SOGEMA LTD</p> <p>P.O .Box 1175,LL</p> <p>Contact person – George Namizinga.</p>	<p>Type of Work:</p> <ul style="list-style-type: none"> • Geo-physical survey • Drilling of high yield boreholes • Construction of boreholes • Installation of Pumps • Construction of storage facility. <p>Year: 2013</p>	MK 485,549, 492.66

33	Borehole siting and Drilling 28 Deep Test Boreholes in Selected Villages in Chikwawa District	<p>MALAWI</p> <p>Water For People, 28 Press Village, Namiwawa, P.O.BOX 1207, Malawi and Charity Water.</p> <p>Contact Person: Thokozani Kaitane</p> <p>Cell: +265 888590497</p>	<p>Type of Work:</p> <ul style="list-style-type: none"> • Geo-physical survey • Drilling of high yield boreholes • Construction of boreholes • Installation of Pumps <p>Year: 2013</p>	MK117,920,062.00
34	9 Borehole Drilling	<p>MALAWI</p> <p>Islamic Relief</p> <p>Contact person: Gome Nkosi.</p>	<p>Type of Work:</p> <ul style="list-style-type: none"> • Geo-physical survey • Drilling of high yield boreholes • Construction of boreholes • Installation of Pumps <p>Year: 2013</p>	MK 28,621,890.00
35	27 Borehole Drilling of 2 sites	<p>MALAWI</p> <p>Southern Region Water Board (SRWB)</p> <p>Contact person- Eng. J. Dias 0 991 949 631/ 0888 343 738</p>	<p>Type of Work:</p> <ul style="list-style-type: none"> • Geo-physical survey • Drilling of high yield boreholes • Construction of boreholes • Installation of Pumps <p>Year: 2012 to 2013</p>	MK 72,886,497.00

36	<p>Drilling of high yielding boreholes including siting and development; supply and installation of submersible pumps sets and transmission pipes lines in 16 sites in the southern region</p>	<p>MALAWI</p> <p>Southern Region water Board (SRWB) in partnership with the government of the republic of Malawi, Ministry of finance, economic planning and development.</p> <p>Contact person- Eng. J. Dias 0 991 949 631/ 0888 343 738</p>	<p>Type of Work:</p> <ul style="list-style-type: none"> • Geo-physical survey • Drilling of high yield boreholes • Construction of boreholes • Installation of Pumps <p>Year: 2012</p>	<p>MK 624,461,220.90</p>
37	<p>Drilling of high yielding boreholes including siting and development; transmission pipes lines and solar sets in 13 sites.</p>	<p>Malawi – Dedza, Ntchisi</p> <p>Central Region water Board (CRWB) in partnership with the government of the republic of Malawi, Ministry of finance, economic.</p>	<p>Type of Work:</p> <ul style="list-style-type: none"> • Geo-physical survey • Drilling of high yield boreholes • Construction of boreholes • Installation of Pumps. • Installation of Transmission line. • Installation of solar modules. <p>Year: 2012</p>	<p>MK 1,208,491,435.60</p>
38	<p>Borehole siting and Drilling 5 Boreholes in Selected Villages In Phalombe District.</p>	<p>MALAWI</p> <p>Inter-AIDE, P.O.BOX 30380, Lilongwe, Malawi.</p> <p>Contact Person: Mr. Francssco Parisi</p> <p>Cell: +265</p>	<p>Type of Work:</p> <ul style="list-style-type: none"> • Geo-physical survey • Drilling of high yield boreholes • Construction of boreholes • Installation of Pumps 	<p>MK15,957,087.00</p>

		880734612.	Year: 2011	
39	Borehole siting and Drilling 10 Boreholes in Selected Villages In Mzimba District.	MZIMBA World Relief, P.O.BOX 30717, Lilongwe, Malawi.	Type of Work: <ul style="list-style-type: none"> • Geo-physical survey • Drilling of high yield boreholes • Construction of boreholes • Installation of Pumps Year: 2011	MK40,413,850.00
40	Borehole siting and Drilling 2 Boreholes in Selected Villages In Mwanza District	MWANZA CADECOM, P.O.BOX 30384, Lilongwe 3, Malawi.	Type of Work: <ul style="list-style-type: none"> • Geo-physical survey • Drilling of high yield boreholes • Construction of boreholes • Installation of Pumps Year: 2011	MK 9,696,528.00
41	Borehole siting and Drilling 2 In Mangochi District	MANGOCHI INNOVATION AFRICA, P.O.BOX 131, Dedza, Malawi. Contact Person: Temwa Chisunkha Cell: +265 884234348.	Type of Work: <ul style="list-style-type: none"> • Geo-physical survey • Drilling of high yield boreholes • Construction of boreholes • Installation of Pumps 	MK 10,000,000.00

			Year: 2011	
42	Borehole siting and Drilling 4 Deep Test Boreholes in Selected Villages in Chikwawa District	<p>CHIKWAWA</p> <p>Water For People, 28 Press Village, Namiwawa, P.O.BOX 1207, Malawi and Charity Water.</p> <p>Contact Person: Thokozani Kaitane</p> <p>Cell: +265 888590497</p>	<p>Type of Work:</p> <ul style="list-style-type: none"> • Geo-physical survey • Drilling of high yield boreholes • Construction of boreholes • Installation of Pumps <p>Year: 2011</p>	MK24,544,801.12
43	Borehole siting and Drilling 26 Boreholes in Selected Villages In Chiradzulu District.	<p>CHIRADZULU</p> <p>Water For People, 28 Press Village, Namiwawa, P.O.BOX 1207, Malawi and Charity Water.</p> <p>Contact Person: Thokozani Kaitane</p> <p>Cell: +265 888590497.</p>	<p>Type of Work:</p> <ul style="list-style-type: none"> • Geo-physical survey • Drilling of high yield boreholes • Construction of boreholes • Installation of Pumps • Construction of Aprons <p>Year: 2011</p>	MK99,402,063.25
44	M'bwetu Borehole siting and Drilling 1 borehole in Lilongwe District.	<p>LILONGWE</p> <p>INNOVATION AFRICA, P.O.BOX 131, Dedza, Malawi.</p> <p>Contact Person: Temwa Chisunkha</p> <p>Cell: +265 884234348</p>	<p>Type of Work:</p> <ul style="list-style-type: none"> • Geo-physical survey • Drilling of high yield boreholes • Construction of boreholes • Installation of 	MK 6,279,787.50

			<p>Pumps</p> <ul style="list-style-type: none"> • Construction of Aprons <p>Year: 2011</p>	
45	<p>Binali Borehole siting and drilling 1 borehole, Supply and installation of submersible pump and tank and Construction of Tank stand in Mangochi District.</p>	<p>SALIMA</p> <p>Central Region water Board (CRWB) in partnership with the government of the republic of Malawi, Ministry of finance, economic planning and development.</p> <p>Contact Person: Eng. Biton</p> <p>Cell: +265 995 324 344</p>	<p>Type of Work:</p> <ul style="list-style-type: none"> • Geo-physical survey • Drilling of high yield boreholes • Construction of boreholes • Installation of Pumps • Construction of Tank <p>Year: 2011</p>	MK 8,267,300.00



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