



H.E. JACKSON ENGINEERING

Company Profile

2024

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ABOUT US

H.E. Jackson Engineering has proudly been operating since 1923, in one form or another, and was founded in Zimbabwe by Major Herbert Edward Jackson. It had branches across Zimbabwe, namely Bulawayo, Gweru and Harare. In 2009, the company branched out regionally and Premier Steel and Engineering (PSE) was formed in Malawi. Its more centrally located position allowed the company to become more operational in several different countries in the Southern African region with branches in Lilongwe, Blantyre, Mzuzu and Dwangwa . In April 2017 the decision was made for PSE to revert back to its corporate company name, that being H.E. Jackson Engineering Ltd, and the head office became permanently located in Lilongwe, Malawi. As of 2022, a division has been opened in South Africa (HE Jackson Engineering (PTY) Ltd), which has a Level 2 BBBEE. This allows the business to be strategically placed and has a specific aim of targeting renewable energy projects and engineering services in the region, and is well placed to operate in Lesotho, Swaziland and Botswana as well.

H.E. Jackson Engineering has established itself as a leading engineering and construction company in Malawi, capable of undertaking turnkey contracts in the fields of Water Supply, Irrigation and Renewable Energy Projects . It serves all sectors of the economy namely mining, agriculture, industry and commerce, rural development and construction. We have our own steel fabrication facilities to cater for the demands of our projects and external clients, which makes us cost effective. We have engineering facilities in Lilongwe, Dwangwa and Nchalo, as well as offices in Mzuzu and Blantyre. H.E. Jackson Engineering Ltd has established itself as a supplier to all major tobacco and sugar processing factories within the region. In the industrial sector of the tobacco industry, the company has supplied humidification systems, tobacco racks, ducting, steel structural work and processing equipment and within the agricultural sector, contract land preparation work as well as design, supply and installation of irrigation systems and seed beds.

The company has seen a tremendous growth since its inception and this has allowed the organisation to also diversify into other revenue streams that complement the existing structures. These include Equipment Sales and Infrastructure Projects specifically Renewable Energy and Telecommunications.





VISION STATEMENT

H.E. Jackson Engineering strives to achieve excellence in project execution, reliability, safety and operational efficiency. We relentlessly pursue new opportunities, capitalizing on synergies in all sectors of the economy. We consistently enhance our competitiveness and deliver profitable growth.

MISSION STATEMENT

To provide world class services in the fields of the engineering and construction sectors, by investing and uplifting our employees and acquiring state of the art equipment and machinery.

AREAS OF EXPERTISE

ENGINEERING AND DESIGN:

We have an inhouse engineering and design wing to support all project related design and detailing works, including heavy steel design and fabrication.

CONSTRUCTION:

The Company has the ability to execute turnkey contracts, including electromechanical installations.

EQUIPMENT SALES:

Through our comprehensive supply chain network, we are able to procure and supply a wide range of items at highly competitive prices, including construction and agricultural equipment sales.

AFTER SALES SERVICE:

The Company will undertake repair work in all products it markets either in its workshops or on site.



Management Team



MANAGEMENT TEAM



PAUL JACKSON

MANAGING DIRECTOR

Paul Jackson is a Civil Engineer, graduating in 1999. Before committing to H.E. Jackson Engineering in Zimbabwe, he worked as a Contracts Manager on various irrigation and water supply projects throughout Southern Africa. A permanent move was made to Malawi in 2008 and in 2009 H.E. Jackson Engineering Ltd was started (formerly Premier Steel and Engineering). He has a vast knowledge and experience in design of irrigation and water supply network. He is also a qualified commercial diver, which brings another dimension to water supply projects.



AROSH PALOTH

CONTRACTS DIRECTOR

Arosh Paloth is a qualified Civil Engineer, graduating in 2000 from the National Institute of Technology, Calicut, India. Added to this, he has got a Project Management Certification (PMP) that was issued by the Project Management Institute in America. He has a total of 22 years experience out of which more than 10 years have been on project management, especially in the field of Water Supply, Irrigation and Solar Power Plants. He has a vast experience in working in the rural areas of Malawi and Zambia.



ARIE VEEN

GENERAL MANAGER

Arie Veen has a BA (AgMan) and qualified in 1992 from the Royal Agricultural College, Cirencester, England. He has a vast amount of experience in the agricultural industry ranging from commercial irrigation developments, agricultural and logistical operations, as well as renewable energy projects and engineering. He has worked as far afield as the United Kingdom, and then locally in the Southern African Region, namely South Africa and Malawi.

MANAGEMENT TEAM



ANTHONY NELSON

FINANCE MANAGER

Anthony Nelson is a qualified accountant with a Bachelor of Accounting Science. He brings with him a wealth of accounting experience having worked mainly in the logistics industry in South Africa, Malawi, Zimbabwe, Zambia, Mozambique and Tanzania.



GARETH WRIGHT

OPERATIONS MANAGER

Gareth Wright is an experienced Logistics and Resource Manager with a demonstrated history of over 10 years experience working in the logistics and supply chain industry. He is skilled in Operations Management, Transportation Management, Fleet Management, Transportation and Supply Chain Management. He is passionate about leading teams that deliver the best results, reducing operational costs and streamlining operations. He holds a Bachelor of Commerce (BCom) Logistics Management focused in Logistics, Materials, and Supply Chain Management.



TIMOTHY BERTRAND

REGIONAL MANAGER

Tim Bertrand is a Regional Manager at H.E. Jackson Engineering Ltd and has a Masters in Mechanical Engineering (M.Sc.Eng). Skills include Business Process Improvement and Engineering Management. Focusing on projects in the Northern part of Malawi, he brings strong interpersonal attributes to the team and gets results through dedication and consistent hard work, combined with creative problem solving.

MANAGEMENT TEAM



MARK STAPLES

ENGINEERING MANAGER

Mark Staples is a Mechanical Engineer (UCT), specialising in water infrastructure projects. He has experience in the water and wastewater treatment sector and has a proven track record in delivering projects of value under the constraints of the project management triangle. He brings efficient communication and structure over the life cycle of projects delivered.



BRIGHT HUNZVI

WORKSHOP MANAGER

Bright Hunzvi has a Technician Certificate in Mechanical Engineering (2002), a diploma in Mechanical Engineering (2004) and a Bachelors Degree in Mechanical Engineering (2008). Bright started working with H.E. Jackson Engineering Zimbabwe in 2002 and has grown with the company, going from strength to strength. He moved across to the Malawi branch in 2007 as a Site Manager. From there he undertook various other roles and is now the Workshop and Technical Manager.



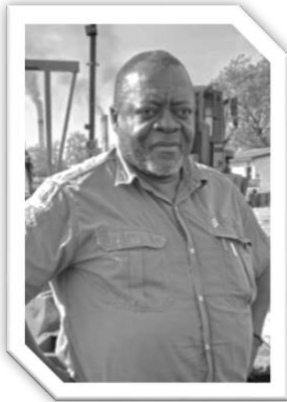
RICK ALLAN

PLANT MANAGER

Rick Allan is a Diesel Plant Fitter and manages the entire fleet of vehicles for HEJ.



MANAGEMENT TEAM



MULLOH SICHINGA

ENGINEERING MANAGER

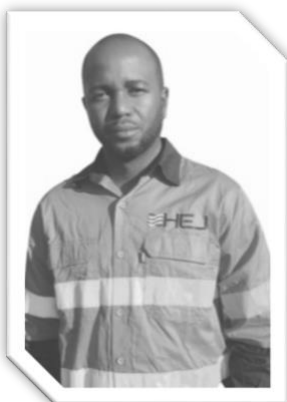
Mulloh Sichinga is a qualified Mechanical Engineer obtained from City and Guilds in 1993. He brings a wealth of knowledge to the team and his Mechanical Engineering expertise is unsurpassed in Malawi. He is a long serving member of HEJ, operating mostly in the Southern Region of Malawi to date.



ANTHONY CHIZENDA

SITE MANAGER

Anthony Chizenda has a National Certificate in Electrical Engineering from the University of Zimbabwe and a Bachelors Degree in Water and Sanitation, H.I.T. He has 25 years of experience in turnkey projects, working in the Southern African Region; namely Zimbabwe, Zambia, Mozambique and Malawi in water reticulation, sanitation, water treatment plants and irrigation projects.



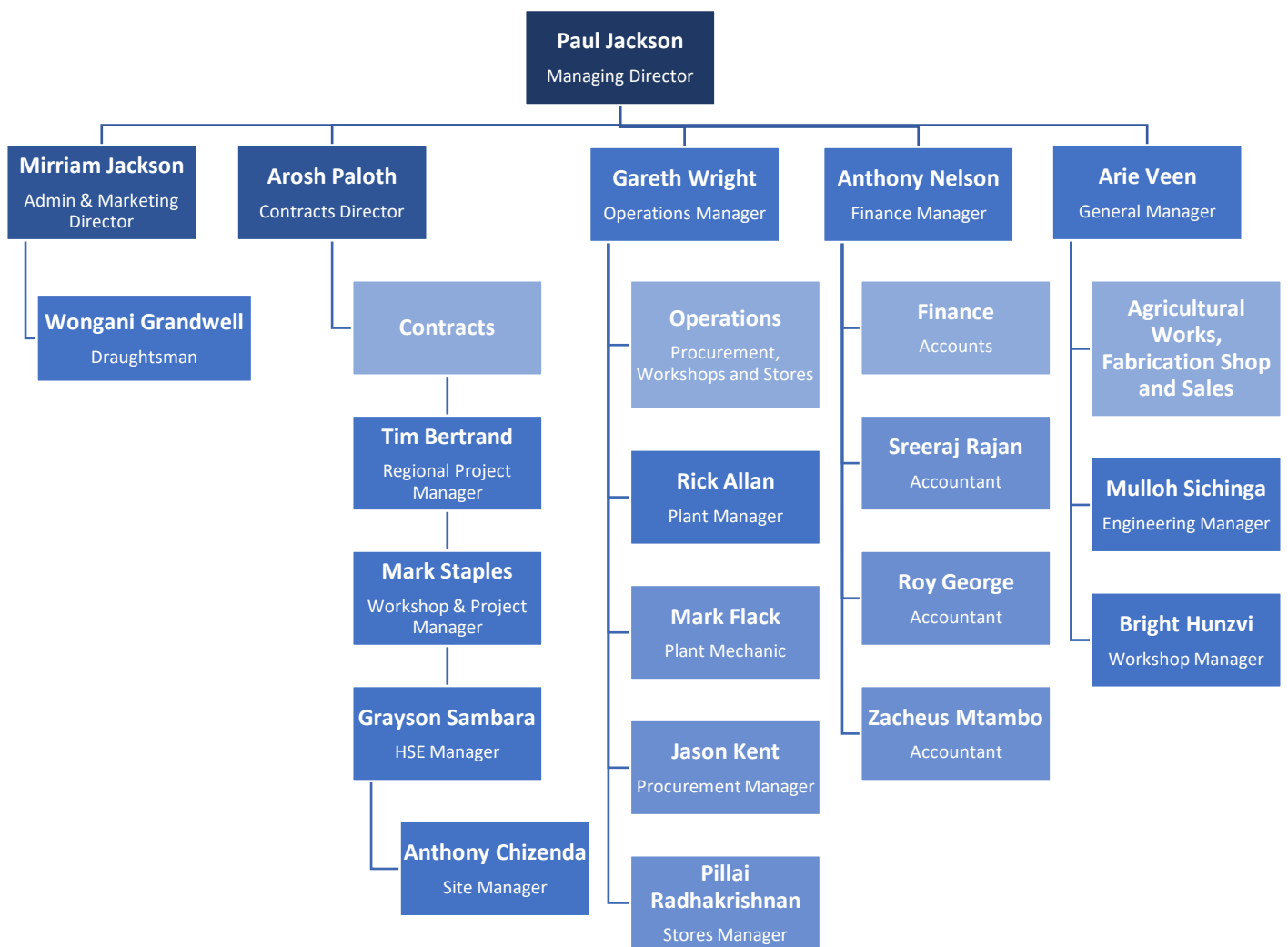
GRAYSON SAMBARA

HSE MANAGER

Grayson Sambara is an experienced Health, Safety & Environmental Manager at H.E. Jackson Engineering Ltd, with a demonstrated history of working in the Mining, Construction and Oil & Gas industry. He is a highly capable operations professional with a certificate focused in Hazard Identification and Risk Assessment and Incident Investigation from NOSA, International Technical Certificate in Oil & Gas Operational Safety from NEBOSH.



KEY MANAGEMENT ORGANISATION STRUCTURE



Our Services



OUR SERVICES



Engineering Division

- Steel Fabrication
- Design and Installation
- Precision Machining
- Large bore pipeline fabrication and installation
- Humidification systems
- CNC plasma cutting
- Plate and pipe rolling and bending, section bending
- Mig and Tig welding solutions
- Structural steel fabrication
- Industrial ducting
- Tobacco handling / storage racks
- Trailer, trolley, bowser fabrication
- Tobacco processing machinery
- Concrete shutter mould fabrication

Electrical Division

- Control panel design, fabrication and installation
- LT and HT design and installation
- Generator installation, servicing and maintenance
- Inverter design, supply and installation
- Telemetry design and installation
- AVR installation
- Power factor correction design and installation
- Solar power systems design, supply and installation

Telecom Infrastructure

- Turnkey Projects
- Site builds
- Tower builds
- Site electrification
- Renewable energy solution implementation
- Steel product supplies
- Renewable energy product supply



OUR SERVICES



Irrigation Division

System design and installation of the following:

- Center pivots
- Overhead sprinklers
- Micro-jet
- Drip Irrigation
- Flood Irrigation

Water Supply Division

- Design, fabrication and installation of the following:
- Chemical dosing equipment
- Containerized water treatment plant
- Industrial water supply, treatment and distribution units
- Sewage and waste water treatment and pumping
- Pipe fabrication
- Control valve and metering design and installation

Renewable Energy

- Experts in the construction of:
- Large scale solar PV plants (80MW building experience)
- Hydro power schemes



OUR SERVICES – SCAN THE QR CODE TO EXPLORE OUR DEALERSHIP BROCHURES



Sales Division

Generators, Water Pumps & Electric motors
Weg Electrical drives and components
Water pipes, tanks and fittings
Steel
Agricultural Tractors and Implements
Construction Machinery Equipment

Dealership Agencies:

DEZZI Construction and Earth Moving Equipment
CASE Agricultural Equipment
KSB Pumps and Valves
WEG Motors
WEG Drives
WEG Generators
ROVIC AFRICA Farm Implements & Agriculture Machinery
PIKET PLANTERS Farm Implements & Agriculture Machinery

Dealership Agencies Continued:

AGRICO Pivots and irrigation Equipment
AGRINET Agricultural Irrigation Supplies
GRUNDFOS ALDOS dosing pumps
YANGZE Solar
NASTEC Solar drives and pumps
EPNS Valves
THOMAS Couplings
SMART Fog Humidification Systems
NETAFIM Dippers and Micro-Sprinklers



Construction Turnover

CONSTRUCTION TURNOVER FOR YEARS 2018 – 2022

Annual Turnover data (Construction Only)

<i>Year</i>	<i>Amount Currency</i>	<i>Exchange Rate</i>	<i>USD Equivalent</i>
2022	MWK 2 944 354 058	914,50	USD 3 219 633
2021	MWK 5 294 766 000	814,55	USD 6 500 234
2020	MWK 4 908 694 000	780,00	USD 6 293 197
2019	MWK 2 766 648 401	737,60	USD 3 750 421
2018	MWK 3 792 378 746	733,50	USD 5 046 754
Average Annual Construction Turnover	MWK 3 941 368 241		USD 4 962 048



Major Projects

MAJOR PROJECTS:

1.

Project: Construction of Mangochi Potable Water Supply Scheme (Design Built)

Location: Mangochi, Malawi

Contract Sum: \$ 2,610,932.71

Contract Period: August 2022 – July 2023

Client: Plem Construction Limited / SRWB

Contact Person: Mr. Mohan Krishnan, Managing Director
+265 999 96 50 80, mohan@plemconstruction.com

Brief Description of Works: Engineering, Procurement, Installation and commissioning of Mangochi Water Supply. Works included a pipe bridge 300m into Lake Malawi, Installation of raw water pumps, Hi Lift pumps, Pressure filters, Alum and Chlorine dosing systems and SCADA.

2.

Project: LILONGWE WATER AND SANITATION PROJECT WATER DISTRIBUTION NETWORK EXPANSION

Location: Lilongwe, Malawi

Contract Sum: \$ 1,179,300.25

Contract Period: September 2021 – May 2022

Client: Mota Engil Limited

Contact Person: Mr. Jose Manuel Pereira, Technical Manager
+265 887 03 04 57, jose.manuel.pereira@mota-engil.mw

Brief Description of Works: Excavation of trenches, laying, jointing of DI, uPVC and HDPE pipelines of total length around 75Km, pressure testing of lines. Includes construction of valve chambers, thrust blocks and kiosks

3.

Project: Civil, Piling and Mechanical work for 60MW Solar PV Plant

Location: Salima District, Malawi

Contract Sum: \$4,145,706.84

Contract Period: 4th August 2020 - 30th September 2021

Client: JCM Matswani Solar Power Corporation Ltd

Contact Person: Behzad Farzipour bfarzipour@jcmpower.ca

Funded by: JCM Power

Brief Description of Works: Drilling and grouting of 13000 piles for tracker erection, Tracker and module installation and all associated civil works like roads, drains, scheme buildings

4.

Project: Civil, Piling and Mechanical works for 20MW Solar PV plant

Location: Golomot, Malawi

Contract Sum: \$3,228,300.05

Contract Period: 10th March 2021 – 30th October 2021

Client: JCM Matswani Solar Power Corporation Ltd

Contact Person: Behzad Farzipour bfarzipour@jcmpower.ca

Funded By: JCM Power

Brief Description of works: Drilling and grouting of 7658 piles for tracker erection, Tracker and module installation and all associated civil works like roads, drains, scheme buildings and substation foundation works.

5.

Project: Construction, Supply and Installation of Small Scale Solar Powered Irrigation Schemes, lot 1 and 2

Location: Lilongwe, Dowa, Ntchisi, Mchinji, Kasungu, Dedza and Ncheu

Contract Sum: \$2,688,572.19

Contract Period: 26th June 2019 – 15th February 2021

Client: Plem Construction Ltd

Contact Person: N.M. Krishnan,
mohan@plemconstruction.com

Funded By: World Bank

Brief Description of Works: Construction of 14 small scale Solar Powered Drip irrigation schemes in 7 districts including all civil, electromechanical and solar installation works

6.

Project: Construction of Classrooms and Pit Latrines for SEED Urban Project under USAID

Location: Blantyre, Lilongwe, Mzuzu and Zomba

Contract Sum: \$5,255,831.00

Contract Period: September 2019 – January 2021

Client: feps GmbH

Contact Person: Gabriel Ettlin – Project Manager,
+263 774336376, Gabs.ettlin@gmail.com

Funded By: USAID

Brief Description of Works: Construction of class rooms and pit latrines in 4 districts namely Lilongwe, Blantyre, Zomba and Mzuzu.

7.

Project: Likhubula Water Supply Project under Blantyre Water Board

Location: Mulanje, Malawi

Contract Sum: \$194,319.36

Contract Period: January 2019 – September 2019

Client: Plem Construction Ltd

Contact Person: N.M. Krishnan,
mohan@plemconstruction.com

Funded By: Export-Imports Bank of India

Brief Description of Works: Installation of all Electro-Mechanical Equipment including Pumps, Panels, Generators, Transformers etc.

MAJOR PROJECTS CONTINUED:

8.

Project: Mulanje Hydro Phase II (Ruo Pipeline)
Location: Mulanje, Malawi
Contract Sum: \$765,701.33
Contract Period: October 2018 – Sept 2019
Client: Mulanje Hydro Ltd
Contact Person: Rob Goddard, rg@nrezim.com
Funded By: Nangewnya Renewable Energies Ltd, Zimbabwe

***Brief Description of Works:** Fabrication and Supply of 800mm and 1200mm MS penstock pipes for Mulanje Hydro Ltd*

9.

Project: Rehabilitation of Pumps, Electrical System at Various Pumping Stations
Location: Kasinthula, Malawi
Contract Sum: MWK50,000,000.00
Contract Period: Ongoing
Client: Agricane, Kasinthula Cane Growers Limited
Contact Person: Bouke Bijl, b.bijl@agricane.com
Funded By: Agricane

***Brief Description of Works:** Ongoing rehabilitation of Pumps, Electrical System at Various Pumping Stations*

10.

Project: Supply of Electrical Equipment, Generators, Motors and Land Development Works
Location: Salima, Malawi
Contract Period: 2019
Client: Salima Sugar Company Limited
Contact Person: Vivek Gangwal, +265 (0) 999963786
Funded By: Salima Sugar Company Limited

11.

Project: Supply & Installation of Centre Pivots (20Ha, 22.5Ha and 30Ha)
Location: Lilongwe, Malawi
Contract Sum: MWK 150,772,966.42
Contract Period: 2019
Client: PYXUS Agriculture Limited
Contact Person: John Gait – jgait@aointl.com
Funded by: PYXUS Agriculture Limited

12.

Project: Mulanje Hydro Phase I (Ndiza Pipeline)
Location: Lilongwe, Malawi
Contract Sum: \$ 344,780.25
Contract Period: 5 months (1st September 2018 – 28th February 2019)
Client: Mulanje Hydro Ltd
Contact Person: Rob Goddard, rg@nrezim.com
Funded by: Mulanje Hydro Ltd

13.

Project: Design, Construction and Erection of Concrete Poles for City Internet Fiber Connection
Location: Malawi
Contract Sum: \$ 350,000.00
Contract Period: 12 months (June 2017 – May 2018)
Client: Sky Band Internet Services (now Inq)
Contact Person: Mr David Pinto, +265 (0) 1820200
Funded By: Sky Band Internet Services

14.

Project: Supply and Installation of Centre Pivot Irrigation System
Location: Malawi
Contract Sum: MWK 35,082,477.74
Contract Period: 3 months (May 2018 – August 2018)
Client: Alliance One Tobacco Processor Ltd
Contact Person: Mark Linton
Funded By: Alliance One Tobacco Processor Ltd

15.

Project: Supply & Installation of Drier Shed Roof Structure with 6no Truss Mounting Bolts and Purlins
Location: Lilongwe, Malawi
Contract Sum: MWK 6,996,429.70
Contract Period: 2018
Client: Limbe Leaf Tobacco Co Ltd
Contact Person: Pat Finnigan, +265 (0) 999967633

16.

Project: Design, Fabrication and Supply of Duct Enclosure Units
Location: Lilongwe, Malawi
Contract Sum: \$ 183,516.64
Contract Period: JTI Leaf Malawi Ltd
Contact Person: Cindy Mariemuthoo, cindy.mariemuthoo@jti.com

17.

Project: Construction of Bwanje Valley Dam
Location: Dedza, Malawi
Contract Sum: \$206,000.00
Contract Period: March 2018 – December 2018
Client: Plem Construction Ltd
Contact Person: N.M. Krishnan, mohan@plemconstruction.com
Funded by: European Investment Bank

***Brief Description of the Works:** Fabricate, deliver and install stainless steel pipes, fittings and valves.*

MAJOR PROJECTS CONTINUED:

18.

Project: Lifuwu Rice Irrigation Scheme
Location: Salima, Malawi
Contract Sum: Euro 2,098,740.00
Contract Period: June 2017 – December 2018
Client: COOPERAZIONE INTERNAZIONALE (COOPI)
Contact Person: Brian Mumba, +265 (0) 998 594 737, hom.malawi@coopio.org
Funded By: European Union funded COOPI International

Brief Description of Works: Construction of Intake, Pump house, pipelines, Main Concrete canals, Secondary Earthen canals, Fish Pond and Land preparation works.

19.

Project: Completion of 530ha Centre Pivot Irrigation and 7km of 800 diameter Steel Pipe
Location: Salima, Malawi
Contract Sum: \$ 80,000.00
Contract Period: 9 months (March 2017 – December 2017)
Client: Salima Sugar Company

20.

Project: Installation of 33 Kv and 11 Kv Distribution Lines, Capacitor Banks, Electrification of Peri – Urban Area and 11 Kv Underground Cables
Location: Malawi
Contract Sum: \$4 247,778.00
Contract Period: July 2017 – December 2017
Client: Lucky Exports Ltd
Contact Person: Mr Ravira, raviraoo@gmail.com
Funded By: Lucky Exports Ltd

24.

Project: Installation of Humidification System for Tobacco
Location: Lilongwe, Malawi
Contract Sum: \$ 103,814.71
Contract Period: 2 months (2017)
Client: Limbe Leaf Tobacco Co Ltd
Contact Person: Pat Finnigan, +265 (0) 999967633
Funded By: Limbe Leaf Tobacco Co Ltd

25.

Project: Chitipa Water Supply Project under Northern Region Water Board (in JV with Plem Construction)
Location: Chitipa, Malawi
Contract Sum: \$ 11,794,418.00
Contract Period: January 2016 – June 2017
Client: Northern Region Water Board
Contact Person: Mr Mtegha, CEO, NRWB, Kawiluwilu House, Pvt Bag 94, Mzuzu
Funded By: BADEA

Brief Description of the Works: Construction of Chitipa Water Supply Project including construction of Intake,

Water Treatment Plant, Transmission, Distribution networks with all associated electromechanical works

26.

Project: Urban Water Supply and Sanitation Project for 3 districts namely Katete, Chadiza, and Nyimba in the Eastern Province of Zambia (under subcontract from Plem Construction)
Location: Eastern Province, Zambia
Contract Sum: Euro 950,000.00
Contract Period: 18 months (November 2014 – April 2016)
Client: Plem Construction Ltd
Contact Person: N.M. Krishnan, mohan@plemconstruction.com
Funded By: KfW

Brief Description of the Works: Construction of the WTP, Construction/ Rehabilitation of pump houses, transmission and distribution networks and sanitation components.

27.

Project: Malawi Mangoes Fruit Processing Factory Complex and Pump Stations
Location: Salima, Malawi
Contract Sum: \$2,456,782.55
Contract Period: July 2015 – March 2016
Client: Malawi Mangoes Ltd
Contact Person: Mr Ignatious Majamanda, General Manager, ignatious@malawimangoes.com

Brief Description of the Works: Supply and installation of raw water pumps, Raw water and transmission pipelines, Bulk earthworks for the pla form for the complex and access road to the facility.

28.

Project: Design and build of CHIKWAWA GREEN BELT IRRIGATION SCHEME in Salima (now Salima Sugar)
Location: Salima, Malawi
Contract Sum: 12,664,000.00 (JV)
Contract Period: May 2012 – February 2014
Client: GBI / Salima Sugar
Contact Person: Mr S. Betgiri, Chairman, Salima Sugar Company Ltd, P.O. Box 200, Salima, Central Region, Malawi, chairman@salimasugars.com

Brief Description of the Works: Supply and Installation of 830 ha small holder sugar cane irrigation scheme, main and booster pump stations structures and electrical / mechanical supplies, bulk water and distribution water supply pipelines, earthen balancing dam, internal overhead electrical transmission lines and step-up/stepdown transformers. All land preparation including bush clearing and ripping, drainage, internal road infrastructure and center pivot tracks

MAJOR PROJECTS CONTINUED:

29.

Project: Mzuzu Water Supply Scheme (in JV with Plem Construction)

Location: Mzuzu, Malawi

Contract Sum: \$ 3,500,000.00

Contract Period: April 2012 – September 2013

Client: Northern Region Water Board

Contact Person: Mr Mtegha, CEO, NRW, Kawiluwilu House, Pvt Bag 94, Mzuzu, Malawi

Funded By: Northern Region Water Board

Brief Description of Works: Supply and Installation of Transmission, distribution networks, Installation of new pressed steel tanks and complete associated mechanical works.

30.

Project: Rehab of LWB Treatment Works and Pump Stations

Location: Lilongwe, Malawi (in JV with Plem Construction)

Contract Sum: Euro 5,910,000.00 (Contract no LWB/W/03)

Contract Period: 18 months (June 2012 – May 2014)

Client: Lilongwe Water Board

Contact Person: Alfonso Chikuni, (+265) 999 953 215, (+265) 1 750366, Lilongwe Water Board, Madzi House, madzi@lwb.mw

Funded by: European Investment Bank

Brief Description of Works: Rehabilitation of water tanks, pumphouses, Installation of new pumps, motors and other equipment with associated electrical works.

31.

Project: Kasitu Irrigation (Joint Venture)

Location: Dwangwa, Malawi

Contract Sum: Euro 5,800,000.00

Contract Period: January 2011 – December 2012

Client: Dwangwa Cane Growers Trust

Contact: PO Box 156, Dwangwa, Malawi, dcgt@malawi.net

Brief Description of the Works: Construction of Kasitu irrigation scheme with Installation of Pivots, Pipeline networks. 550Ha center pivots and "outfall" overhead sprinkler irrigation. Supply and install overhead electrical transmission lines and step-up/stepdown transformers. All land preparation including bush clearing and ripping, drainage, internal road infrastructure and center pivot tracks.

32.

Project: Kazilira & Liwaladzi Irrigation and Pumping Water Supply (Joint Venture)

Location: Dwangwa, Malawi

Contract Sum: \$10,420,000.00

Contract Period: January 2008 – December 2009

Client: Dwangwa Cane Growers Trust

Contact: PO Box 156, Dwangwa, Malawi, dcgt@malawi.net

Brief Description of the Works: Construction of Centre Pivot irrigation scheme with Installation of Pivots, Pipeline networks. 1450Ha center pivots and "outfall" overhead sprinkler irrigation. Supply and install overhead electrical transmission lines and step-up/stepdown transformers. All land preparation including bush clearing and ripping, drainage, internal road infrastructure and center pivot tracks.

33.

Project: EAP Irrigation Supply and Installation of Irrigation Equipment

Location: Kasungu, Malawi

Contract Sum: \$ 450,000.00

Contract Period: February 2016 - October 2016

Client: East African Plantations Ltd

Contact Person: Mr T Chugh. Director. P.O.Box 31, Kasungu, Malawi. tusharchugh@msn.com

Brief Description of the Works : Supply and Installation of 190 ha centre pivot and microjet coffee and macadamia irrigation scheme, with main and booster pump stations structures and electrical / mechanical supplies, bulk water and distribution water supply pipelines, electrical transmission lines and step-up/stepdown transformers.

Featured Projects

RENEWABLE ENERGY:

Name	Construction of 20MW Solar PV Plant and BESS
Location	Golomoti, Dedza District
Contract Sum	\$ 2,867,432
Contract Duration	June 2021-Dec 2021
Client	JCM Matswani Solar Power Corporation
Consultants	Zutari
Funded by	Infraco Africa

Description of the work

Project was for the construction of 20MW solar PV plant and BESS system at Golomoti for JCM power. JCM power is an independent Power Producer (IPP) and developer of renewable energy projects. H.E. Jackson Engineering Ltd was contracted for executing Civil, Piling and Mechanical jobs in the plant. HEJ also constructed and maintained the office and camp facilities at site. Main features of the project are as given below.

1. 57 ha land preparation including cutting of trees, bush clearing, grading and compaction of blocks.
2. Drilling 300mm dia X 1.70m deep holes for pile installation
3. Installation and grouting of piles (8651 nos)
4. Installation of single axis trackers (625 nos)
5. Installation of 540w solar modules (56,000 nos)
6. Construction of internal roads and drainage
7. Construction of main channel of diverting storm water
8. Installation and running of camp facilities like office blocks, accommodation units (65 people) etc.
9. Drilling of boreholes and installation of water pumps
10. Security fencing (2.4m high) and temporary fencing.

PROJECT PHOTOGRAPHS:



RENEWABLE ENERGY:

Name	Construction of 60MW Solar PV Plant
Location	Salima District
Contract Sum	\$ 4,145,706.84
Contract Duration	Aug 202- May 2021
Client	JCM Matswani Solar Power Corporation
Consultants	Zutari
Funded by	Infraco Africa

Description of work

Project was for the construction of 60MW solar PV plant at salima for JCM power. JCM Power is an Independent Power Producer(IPP) and developer of renewable energy projects .H.E Jackson Engineering Ltd was contracted for executing Civil,Piling, and Mechanical jobs in the plant.HEJ also constructed O&M building ,warehouse etc for JCM .Main features of the project are as given below.

1. 65 ha land preparation including cutting trees,bush clearing,grading and compaction of blocks.
2. Drilling 300mm dia X 2.0m deep holes for pile installation
3. Installation and grouting of piles(13550 nos)
4. Installation of single axis trackers (2440 nos)
5. Installation of 380w solar modules (195200 nos)
6. Construction of internal roads and drainage
7. Construction of main channel for diverting storm water
8. Drilling of boreholes and installation of water pumps
9. Security fencing (2.4m high) and temporary fencing.
10. Construction of O&M building
11. Construction of access road to site.

PROJECT PHOTOGRAPHS:



RENEWABLE ENERGY:

Name	Civil and Structural works for Substation works in Golomoti
Location	Golomoti, Dedza District
Contract Sum	\$ 711,695.57
Contract Duration	June 2021- Dec 2021
Client	Opti-Power (Division of Murray & Roberts)
Consultants	Zutari
Funded by	Infraco Africa

Description of the work

The Contract was for the construction of Civil and Structural works for Opti power who was the electrical contractor for JCM Power in Golomoti project. HEJ offered Opti power whole range of civil and structural erection works including construction of switch gear room and O&M building .Main works involved are listed below.

1. Construction of IPP substation and ESCOM substation extension
2. Bulk earthworks for the substation platform
3. Supply of concrete and construction of foundations
4. Installation of various steel structures including lighting masts and Gantries
5. Construction of cable trenches in substation
6. Construction of switch gear room and O&M building
7. Substation security fencing for both IPP and ESCOM extension
8. Supply and installation of yard stone
9. Excavation and backfilling of cable trenches
10. Erection of diamond fence around substation

PROJECT PHOTOGRAPHS:



RENEWABLE ENERGY:

Name	Mulanje Hydro - Phase I (Ndiza) and Phase II (Ruo)
Location	Mulanje, Malawi
Contract Sum	\$ 765,701.33
Contract Duration	12 months (September 2018- September 2019)
Client	Mulanje Hydro Ltd
Consultants	Mulanje Hydro Ltd
Funded by	Nangewnya Renewable Energies Ltd, Zimbabwe

Description of the work

Scope was to fabricate 900mm and 1200mm pipelines for Mulanje Hydro Phase I and II. Main tasks involved were bending of plates to make barrels, joining of barrels to make 12m long pipes, welding pipes using sub arc machine, sand blasting of pipes and painting. A total 2700m of 900mm pipes and 4900m of 1200mm pipes were fabricated as part of the project. Main activities carried out are listed below.

1. Bending plate using plate bending machine to form barrels.
2. Joining of barrels to get 12m long pipes
3. Root welding pipes from inside
4. External welding of pipes using sub arc machine
5. Sand blasting of internal and external surfaces of pipe
6. Spray painting of internal and external surfaces of pipes to 250 microns DFT
7. Testing of pipes using Ultrasonic flaw detector to ensure quality.
8. Supply of 900mm and 1200mm flanges of pressure ratings PN 25, PN 40 and PN 60.
9. Fabrication of manhole risers and scours for pipeline

PROJECT PHOTOGRAPHS:



RENEWABLE ENERGY:

Name	Muloza Hydro Project
Location	Mulanje, Malawi
Contract Sum	\$ 311,411.42
Contract Duration	3.5m months (13th Feb 2020- 3rd June 2020)
Client	Muloza Hydro Project
Consultants	Muloza Hydro Project
Funded by	Muloza Hydro Project

Description of the work

Scope was to fabricate 1200mm pipelines for Muloza Hydro Limited. Main tasks involved were bending of plates to make barrels, joining of barrels to make 12m long pipes, welding pipes using sub arc machine, sand blasing of pipes and painting. A total 2592m of 1200mm pipes were fabricated as part of the project. Main activities carried out are listed below.

1. Bending plates using plate bending machine to form barrels
2. Joining of barrels to get 12m long pipes
3. Root welding pipes from inside
4. External welding of pipes using sub arc machine
5. Sand blasting of internal and external surfaces of pipe
6. Spray painting of internal and external surfaces of pipes to 250microns DFT
7. Testing of pipes using Ultrasonic flaw detector to ensure quality
8. Supply of 1200mm flanges of pressure ratings PN 25, PN 40 and PN 60
9. Fabrication of manhole risers and scours for pipeline

PROJECT PHOTOGRAPHS:



WATER SUPPLY AND IRRIGATION:

Name	Mangochi Potable Water Supply Scheme (Design Built)
Location	Mangochi, Malawi
Contract Sum	\$2,610,932.71
Contract Duration	August 2022 - July 2023
Client	Plem Construction Limited / SRWB
Consultants	Mr Mohan Krishnan, Managing Director
Funded by	BEDEA

Description of the Works:

1. Engineering, Procurement, Installation and Commissioning of Mangochi Water Supply
2. Pipe Bridge 300m into Lake Malawi
3. Installation of Submersible Raw Water Pumps
4. Multistage Hi Lift Pumps
5. Automated Pressure Sand Filters
6. Alum and Chlorine Dosing Systems
7. Scada and Telemetry

PROJECT PHOTOGRAPHS::



WATER SUPPLY AND IRRIGATION:

Name	Likhubula Water Supply Scheme under Blantyre Water Board
Location	Nguludi, Malawi
Contract Sum	\$ 194,319.36
Contract Duration	6 months (1 st January 2019 – 30 th June 2019)
Client	Plem Construction Ltd
Consultants	Blantyre Water Board Project office
Funded by	EXIM Bank of India

Description of the Works:

Complete Installation of Electro mechanical equipment for the 20MLD water Treatment Plant at Nguludi. The project is EXIM Bank of India funded \$ 23.5 million Water Supply Project, which brings water from Mulanje mountains to Blantyre city. The main features of the project are an Intake at Mulanje, 43Km of Gravity pipeline, 20MLD treatment plant, 11Km of transmission main and a 5000cum storage tank at Mpingwe. Major works performed by H.E. JACKSON ENGINEERING LTD are listed below:

1. Installation and alignment of 3 X 750Kw high lift pump set with motor.
2. Installation of 3 X back wash pump set with motors
3. Installation of 11 KV HT panel
4. Installation of LT panel with motor control centers
5. Installation of 2 X 1250KVA Transformers
6. Installation of 1 X 1250 KVA Generator
7. Installation one 8T and one 2T electrically operated overhead gantry cranes
8. Installation of 2 X blowers to assist backwash
9. Installation of all interconnecting pipelines, valves and gates
10. HT & LT cabling, glanding and termination, earthing and lightning arrestor
11. Installation of fire alarm system
12. Commissioning and test run of the entire system

PROJECT PHOTOGRAPHS:



WATER SUPPLY AND IRRIGATION:

Name	Design and build of CHIKWAWA GREEN BELT IRRIGATION SCHEME in Salima – Salima Sugar Company
Location	Salima, Malawi
Contract Sum	\$ 12,664,000
Contract Duration	22 Months (May 2012- February 2014)
Client	Salima Sugar Company
Consultants	Agricane, Malawi
Funded by	World Bank

Description of the work

Supply and Installation of 830 ha small holder sugar cane irrigation scheme, main and booster pump stations structures and electrical / mechanical supplies, bulk water and distribution water supply pipelines, earthen balancing dam, internal overhead electrical transmission lines and step- up/stepdown transformers. All land preparation including bush clearing and ripping, drainage, internal road infrastructure and center pivot tracks. The Project was done in JV with Plem Construction Ltd. Other important features of the project are:

1. uPVC and MS pipes varying from 900mm to 63mm in diameter.
2. Irrigation Scheme with 830Ha land preparation
3. Installation of 830Ha Centre Pivot and overhead sprinkler irrigation
4. Installation of butterfly valves, gate valves, Pressure regulating valves, check valves, air valves etc.
5. Installation of 900mm steel pipe for a length of 5Km
6. Intake in Lake Malawi with below lake level intake structure including under water diving, pipe and intake installations use of Barge etc.
7. Supply and installation of 900 KW pumps at Intake and Booster pump stations
8. Earthen reservoir of 100,00 m3 Capacity

PROJECT PHOTOGRAPHS:



WATER SUPPLY AND IRRIGATION:

Name	Chitipa Water Supply under NRW (In JV with Plem Construction)
Location	Chitipa, Malawi
Contract Sum	\$ 11,794,418.00
Contract Duration	14 Months (July 2015- December 2016)
Client	Northern Region Water Board
Consultants	Metaferia Engineering Consultants
Funded by	BADEA

Description of the works

The Scope of the works included construction of an intake weir, pump station, installation of 53KW pumps and associated pipelines. Pipe line consisted of MS, DI and uPVC pipes from sizes 90mm to 350mm. It also included construction of RCC reservoirs and an administration building. The project was executed in Joint Venture with Plem Construction Ltd and the major works executed by HEJ is as given below.

1. Rehabilitation of existing pumphouse
2. Supply and Installation of new 53KW pumps with motors
3. Supply and Installation of LT panel with motor control centers.
4. Supply and Installation of air blowers for backwash
5. Supply and Installation backwash pumps
6. Supply and Installation of all interconnecting pipelines, valves, gates etc.
7. Supply and Installation of power and control cabling and earthing
8. Supply and Installation of instrumentation system for treatment plant
9. Testing, commissioning and trial run of the treatment plant

PROJECT PHOTOGRAPHS:



WATER SUPPLY AND IRRIGATION:

Name	Rehabilitation of Treatment works and Pump stations under Lilongwe Water Board (In JV with Plem Construction)
Location	Lilongwe, Malawi
Contract Sum	Euro 5,910,000.00
Contract Duration	23 Months (June 2012- May 2014)
Client	Lilongwe Water Board
Consultants	
Funded by	European Investment Bank

Description of the works

The Contract was for the rehabilitation and expansion of the existing water treatment plant and pumphouse for Lilongwe water board. Works includes construction of new storage tanks, replacement of existing pumps and control panels , replacement of valves , repairing of existing structures and storage tanks and interconnection pipeline. Some of the works executed by HEJ outlined below:

1. Replacement of vertical turbine pumps at RWPS
2. Replacement of split case centrifugal pumps at TWPS
3. Installation of new control panels for raw water PS and TWPS
4. Replacement of valves and flow meters
5. Interconnection pipelines
6. Installation of electric overhead gantry crane

PROJECT PHOTOGRAPHS:



WATER SUPPLY AND IRRIGATION:

Name	Lifuwu Rice Irrigation Scheme
Location	Salima, Malawi
Contract Sum	Euros 1,650,000.00
Contract Duration	20 Months (July 2017- March 2019)
Client	Cooperazione Internazioanl (COOPI)
Consultants	Agricane Malawi
Funded by	European Union

Description of the work

Contract was for construction of Lifuwu Rice Irrigation Scheme for the ministry of Agriculture Malawi. It included construction of pump house, raw water and transmission lines, primary, secondary and tertiary canals. It included construction of a fishpond as well. Main features of the project are as listed below.

1. 180Ha of land preparation
2. 800mm raw water line going 300m deep into lake Malawi
3. Construction of pump house
4. Construction of fish pond
5. Construction of canal system for irrigation
6. Construction of night storage reservoir
7. Installation of raw water pumps
8. All electro mechanical activities related to pump house
9. Intallation of transformer and ESCOM power connection
10. Installation of a rice mill

PROJECT PHOTOGRAPHS:



WATER SUPPLY AND IRRIGATION:

Name	Construction of Small-Scale Solar Power Drip Irrigation Schemes in 7 Districts of Malawi
Location	Lilongwe, Dowa, Nchisi, Mchinji, Kasungu, Dedza & Ntcheu
Contract Sum	\$ 2,688,572.19
Contract Duration	26th June 2019- 15th Feb 2021
Client	Malawi Government, Department of Irrigation
Consultants	MDRRP
Funded by	World Bank

Description of the work

This Pilot project was initiated under Malawi Draughts Recovery and Resilience Programme (MDRRP) under World Bank funding. Department of Irrigation was the executing agency. The scope of the works was to construct a total of 14 small scale solar powered drip irrigation schemes in 7 districts in Malawi under community participation. The source of the schemes was either surface water or ground water by means of drilling boreholes.

1. Design, supply and installation of drip irrigation schemes
2. 152 ha land preparation
3. Installation of uPVC pipes with diameter varying from 40mm to 250mm for mains and submains.
4. Construction of pumphouse and installation of centrifugal pumps
5. Drilling of boreholes and installation of submersible pumps.
6. Construction of solar yard for powering the pumps
7. Installation of solar inverters and all associated electrical works
8. Installation of drip
9. Installation of online filters
10. Installation of block hydrant valves, PRVs, butterfly valves and flowmeters

PROJECT PHOTOGRAPHS:



WATER SUPPLY AND IRRIGATION:

Name	Rehabilitation and Upgradation of pump stations and electrical system at Kasinthula Cane Growers Ltd
Location	Kasinthula, Malawi
Contract Sum	MK 50,000,000 (Contract value gets amended as work progresses)
Contract Duration	Ongoing
Client	Agricane, Kasinthula Cane Growers Ltd
Consultants	Agricane
Funded by	Kasinthula Cane Growers Ltd

Description of the work

Kasinthula Cane Growers Ltd is a society of farmer group managed by Agricane. Scope of works include rehabilitation and upgradation of various pump stations in the field along with the electrical system. Main works involved are the following:

1. Removing of 4 X 75 KW Tsunami axial flow pumps in the river pumping station, assess the spare parts requirement, ordering of spare parts, assembling the pumps back, install and make operational again
2. Removing of 2 X 75 KW vertical turbine pumps in the canal pumping station, assess the spare parts requirement, ordering of spare parts, assembling the pumps back, install and make operational again
3. Rehabilitation of River pumping station with construction of a new walking platform, installation of a new gantry etc.
4. Supply and Installation of a new 75KW Tsunami axial flow pump in the river pumping station.
5. Complete rehabilitation of and upgradation of electrical system in River Pumping station, Canal pumping station, Lift pumping station etc. by introducing soft starters and VFDs.

Supply and installation of 5 Generator sets (2 X 450KVA, 2 X 250 KVA and 1 X 20KVA) with complete assembly for the pump stations and office.

PROJECT PHOTOGRAPHS:





WATER SUPPLY AND IRRIGATION:

Name	Inosselia Green House
Location	Lilongwe, Malawi
Contract Sum	\$360,557.00
Contract Duration	8 Months
Client	Inosselia Agro Limited
Consultants	Vegtech Pty Ltd
Funded by	Inosselia Agro Limited

Description of the work

Contract for design of civils, land works, survey and all construction and erection work. Design of pumping station, steel portal frame pack house, cold rooms, offices, training facility and canteen. Supply all earthworks machinery and equipment. Complete land levelling and final land survey and drainage design layout. Construction of all buildings, irrigation storage tanks, automatic fertilization equipment and greenhouse project area pipework reticulation. GPS leveling and positions of all column foundations for 16 number x 1-hectare greenhouse structures. Supply, construction and instillation of 12m x 10m complete cold room with outdoor roofing and loading bay. Training and handover of automated irrigation system.

PROJECT PHOTOGRAPHS:



WATER SUPPLY AND IRRIGATION:

Name	Supply and install stainless steel pipes, fittings and valves for Bwanje Valley Dam (Under Subcontract from Plem Construction)
Location	Golomoti, Malawi
Contract Sum	USD 206,000.00
Contract Duration	8 months (March 2018 – November 2018)
Client	Plem Construction Ltd
Consultants	Artelia Eu Et Environment
Funded by	European Investment Bank

Description of the work

Contract for construction of Bwanje Irrigation Scheme for Ministry of Agriculture, Malawi. H.E. Jackson was sub-contracted to fabricate, supply and install stainless steel gate valves, trash racks, water tower access ladders and flow control valves and internal underground valve camber and through wall pipeline, reducer and dispersion cone valves.

PROJECT PHOTOGRAPHS:



BUILDING WORKS (PRE-FAB):

Name	Construction of pre-fabricated classrooms and pit latrines
Location	Blantyre, Lilongwe, Mzuzu and Zomba
Contract Sum	\$ 5,255,831.00
Contract Duration	September 2019- Feb 2021
Client	FEPS GmbH
Consultants	Tetrattech
Funded by	USAID

Description of the work

Project was for the construction of 48 classrooms and male and female pit latrines in 30 secondary schools in 4 districts. The project was funded by USAID and Tetrattech was the oversight consultant. FEPS GmbH was the main contractor and H.E Jackson Engineering Ltd and SBS(Zimbabwe) were the sub-contractors. H.E Jackson Engineering Ltd did all the civil works under the contract and SBS did installation of pre-fab structures. The main features of the project are

1. Design, supply and installation of prefabricated classrooms and pit latrines
2. Construction of 48 classrooms in 30 locations (4 districts)
3. Construction of foundation for mounting pre-fab structures
4. Supply and installation of pre-fab classrooms
5. Construction of drainage system
6. Construction of steps, ramps etc for access
7. Supply and installation of furniture like desks, chairs, chalk boards etc
8. Construction of male and female latrines
9. Erosion protection works like terracing of land and stone pitching
10. Provision for connection to ESCOM

PROJECT PHOTOGRAPHS:



BUILDING WORKS (PRE-FAB):

Name	Construction of pre-Fabricated Clinics for Ministry of Health
Location	Blantyre
Contract Sum	\$ 2,742,376.00
Contract Duration	September 2018- March-2019
Client	FEPS GmbH
Consultants	USAID
Funded by	USAID

Description of the work

Project was for the construction of 22 health centers in 18 locations in blantyre district .The health centres were constructed under PEPFAAR programme and were meant to provide additional facilities for HIV treatment .The main features of the project were...

1. Construction of PreFab health centre on concrete base slab
2. Health center included registration room,doctors room,treatment room pharmacy etc
3. Construction of pit latrines for the facility
4. Supply of furniture

PROJECT PHOTOGRAPHS:



Certificates of Completion

CERTIFICATE OF COMPLETION:



To:
H.E. Jackson Engineering LTD
Kanengo Industrial Area
P.O. Box 1218, Plot 91/28, Kanengo, Lilongwe, Malawi

For the attention of Mr. Arosh Paloth, Project Manager

Lilongwe, 31 May 2021

Ref.: SAL-JCM-BRD-PM-LE-0003

Subject: Salima Solar Project - Taking Over Certificate for Parts of the Works

Dear Sir,

We refer to the contract for the completion of civil / piling / mechanical works for the Salima Solar PV Plant ("**Contract**") dated 4 August 2020, entered into between JCM Matswani Solar Corp Limited ("**Employer**") and H.E. Jackson Engineering LTD ("**Contractor**"). Unless expressly defined herein, terms used in this letter shall have the same meaning as in the Contract.

With reference to Sub-Clause 10.2 of the Contract, we hereby issue the Taking Over Certificate, effective 31 May 2021, for all the Works completed so far with a total value of USD 2,849,613.12. The Contractor is hereby requested to complete all the remaining works as soon as practical.

Yours faithfully,



Behzad Farzipour
JCM Matswani Solar Corp Limited
E-mail: bfarzipour@jcmpower.ca

CERTIFICATE OF COMPLETION:



To:
H.E. Jackson Engineering LTD
Kanengo Industrial Area
P.O. Box 1218, Plot 91/28, Kanengo, Lilongwe, Malawi

For the attention of Mr. Arosh Paloth, Project Manager

Lilongwe, 13 June 2022

Ref.: SAL-JCM-BRD-PM-LE-0004

Subject: Salima Solar Project - Taking Over Certificate

Dear Sir,

We refer to the contract for the completion of civil / piling / mechanical works for the Salima Solar PV Plant ("**Contract**") dated 4 August 2020, entered into between JCM Matswani Solar Corp Limited ("**Employer**") and H.E. Jackson Engineering LTD ("**Contractor**"). Unless expressly defined herein, terms used in this letter shall have the same meaning as in the Contract.

With reference to Sub-Clause 10.1 of the Contract, we hereby issue the Taking Over Certificate for the Salima Solar PV Plant, effective 13 June 2022.

Yours faithfully,



Behzad Farzipour
JCM Matswani Solar Corp Limited
E-mail: bfarzipour@jcmpower.ca

CERTIFICATE OF COMPLETION:

JCMPOWER

InfraCo
AFRICA

Golomoti JCM Solar Corporation Limited
7th Floor, West Wing, Kang'ombe House, City Centre
Lilongwe,
Malawi

Ref. GOLPV-PMT-CPM-LE-4001

16 December 2022

H.E. JACKSON ENGINEERING LTD
Kanengo Industrial Area
P.O. Box 1218, Plot 91/28 Kanengo
Lilongwe,
Malawi

Attention: Mr. Arosh Paloth (arosh@hejackson.com)

Taking-Over Certificate for the Works, excluding roads and drainage

Dear Arosh,

1. We refer to the Civil, Piling, and Mechanical Works Contract executed between Golomoti JCM Solar Corporation Limited and H.E. Jackson Engineering LTD, referenced GOLPV-PMT-CN-0401 dated 16 December 2020 (the "Contract"). Terms used in this letter but not otherwise defined shall have the same meaning as in the Contract.
2. With reference to Sub-Clause 10.2 of the Contract, we hereby issue this Taking-Over Certificate, effective 16 December 2021, for all the Works under the Contract, except the Works for road and drainage construction. The value of the remaining works to be completed is \$387,969.83.
3. The Contractor is hereby requested to complete all the remaining Works under the Contract as soon as practical.
4. Nothing in this letter and/or the Employer's engagement with the Contractor shall constitute or be deemed to constitute a waiver of any of the Contractor's obligations to comply with the Conditions of the Contract.

Yours sincerely,



Behzad Farzipour
Project Manager
One behalf of Golomoti JCM Solar Corporation Limited
Email: bafzripour@jcmpower.ca



CERTIFICATE OF COMPLETION:



June 28, 2019

To Whom It May Concern:

I am writing to recommend the services of H.E. Jackson Engineering Ltd.

COOPI Malawi engaged H.E. Jackson Engineering Ltd under the EU project for Lifuwu Rice Scheme – Rehabilitation and Expansion of medium scale rice irrigation scheme in Salima district to construct Night Storage Reservoir, Primary Canals and Structures, Tertiary Canals, Drains and Structures, Land Preparation and Fish ponds and they have done a good job.

H.E. Jackson Engineering Ltd do excellent job, and are always punctual to deadlines and offer the most competitive rates.

We have been very reasonably priced, and always do exactly what we ask of them.

I'm happy to recommend the services of H.E. Jackson Engineering Ltd.

Yours faithfully




Brian Mumba
Administrator

COOPI - COOPERAZIONE INTERNAZIONALE ONG Onlus
MALAWI: P.O. Box 538, Mangochi
TEL. +265 888532511
Email: brianmumba@gmail.com





CERTIFICATE OF COMPLETION:

 Palladium
MAKE IT POSSIBLE

Certificate of Substantial Completion

Part 1 Order Details

GRN No. ... Date 16/12/2020

Supplier's Name HE Jackson Engineering Limited

PO/Contract/TO No. HEJ Chimvuli Civils


Invoice No. (if available) IPC #3

Part 2 Goods and Services Received Details


Ref. No.	Description (with specification)	Unit	Received Quantity	Quality Check/ Remarks
...	Land Preparation and Civil Structures 1 including Night Storage Reservoir and drainage for mix use irrigation scheme	1	1	All work has been reviewed at and signed off on by both the AgDiv representative and the partner site representative
...
...
...
...


Part 3 Approval

I certify that the above goods and services were received in working condition and/or meet required specifications.

Checked and Accepted by Jeremy Verable Signature  Date 16/12/2020




Approved by [Signature] Signature ACL Ladins Date 16/12/2020

Supplied by A. Veer H.E. Jackson Engineering Signature  Date 15/2/2021





CERTIFICATE OF COMPLETION:




**Peri-Urban Water Supply and Sanitation Project
in Lilonge and Blantyre**

Contract N° PUWSS/LWB/W/03

**Rehabilitation and Renewal Works - Water Treatment Plants, Pumping Stations,
Reservoirs, Pipelines and Dams**

Contractor: Plem Construction / H.E Jackson Joint Venture

TAKING OVER CERTIFICATE

<p>Completed and Taken Over</p> <p>It is hereby certified that the abovementioned works were, in terms of Clause 10 of the FIDIC Conditions of Contract for Construction, completed on 31 May 2013 and taken over by the Employer.</p> <p>From this day on the Employer will operate the installations and will perform the normal maintenance. Defects during the Defects Liability Period shall be notified to the Contractor by the Employer.</p> <p>Note that the parts of the Works in Bill 5 (Tsabango), Bill 6 (Ngwenya), Bill 7 (Munthama), Bill 8 (Area 9 tower), Bill 9 (Chayamba), Bill 11 (Kanengo), Bill 12 (Sandula) and Bill 13 (Lumbadzi) have already been taken over by 31 December 2012. (See attached list)</p>		
<p>The outstanding works are indicated in the List of Outstanding works, which is attached to this certificate. Unless indicated differently in the list, the outstanding works shall be completed in the Defects Notification Period.</p>		
<p>Defects Notification Period:</p> <p>According clause 1.1.3.7 of the Conditions of Contract, the Defects Notification Period for the aboven mentioned works starts at the above mentioned date of Completion and extends for 365 days.</p>		
CONTRACTOR'S REPRESENTATIVE	RESIDENT ENGINEER	CLIENT'S REPRESENTATIVE
(date) 31/05/13	31/5/13	31 May 2013
(name) C. BESSONE	W. Hulsbos	ALFONSO CHIKUNJ
(signature) 		

Taking Over Certificate ToC printdate: 01/06/2013

CERTIFICATE OF COMPLETION:

Tel. No. (265) 01 752 122/757 575
Fax No. (265) 01 751 459
Email: director@irrw.net



DEPARTMENT OF IRRIGATION
P.O BOX 30797
LILONGWE 3

DIRECTOR OF IRRIGATION SERVICES

Ref No: MDRRP/02/01

01st MARCH, 2020

TO WHOM IT MAY CONCERN

Dear Sir/Madam,

MALAWI DROUGHT RECOVERY AND RESILIENCE PROJECT (MDRRP)


**SUPPLY AND INSTALLATION OF SIX SMALL SCALE SOLAR POWERED IRRIGATION
SCHEMES IN LILONGWE, DEDZA AND NTCHEU DISTRICTS**

RE: CONFIRMATION OF SUBSTANTIAL COMPLETION OF WORKS

We write to confirm that PLEM Construction & HE Jackson Engineering have substantially completed works under the above contract as of 15th February, 2021 at a cost of **MWK 1,005,262,601.02** inclusive of VAT. The works consisted of drilling of boreholes, supply and installation of surface and submersible solar pumps, drip kits, solar panels, solar controllers and associated works including electromechanical works for the six small scale solar powered irrigation schemes.

We commend them for their cooperation in execution of this Project.

Yours Sincerely,



Eng. Anderson Mbozi

For: **DIRECTOR OF IRRIGATION SERVICES**

CERTIFICATE OF COMPLETION:

Tel. No. (265) 01 752 122/757 575
Fax No. (265) 01 751 459
Email: goldirector@mwr.net



DEPARTMENT OF IRRIGATION
P.O BOX 30797
LILONGWE 3

DIRECTOR OF IRRIGATION SERVICES

Ref No: MDRRP/02/01

01st MARCH, 2020

TO WHOM IT MAY CONCERN

Dear Sir/Madam,

MALAWI DROUGHT RECOVERY AND RESILIENCE PROJECT (MDRRP)

**SUPPLY AND INSTALLATION OF EIGHT SMALL SCALE SOLAR POWERED IRRIGATION
SCHEMES IN KASUNGU, DOWA, NTCHISI AND MCHINJI DISTRICTS**

RE: CONFIRMATION OF SUBSTANTIAL COMPLETION OF WORKS

We write to confirm that PLEM Construction & HE Jackson Engineering have substantially completed works under the above contract as of 15th February, 2021 at a cost of **MWK 956,800,467.38** inclusive of VAT. The works consisted of drilling of boreholes, supply and installation of surface and submersible solar pumps, drip kits, solar panels, solar controllers and associated works including electromechanical works for the eight small scale solar powered irrigation schemes.

We commend them for their cooperation in execution of this Project.

Yours Sincerely,



Eng. Anderson Mbozi

For./ **DIRECTOR OF IRRIGATION SERVICES**

List of Equipment


LIST OF EQUIPMENT:

<i>Type of Equipment</i>	<i>Description</i>	<i>Capacity</i>	<i>Registration</i>	<i>Qty</i>
Portable Equipment	Flat bottom dredger	40m3 / hr	N/A	1
Heavy vehicles				
	Ashok Leyland Truck	4 Ton	BQ4713	1
	Ashok Leyland Pick Up	1.5 Ton	BU493	1
	Ashok Leyland Pick up	1.5 Ton	KK6066	1
	DAF Truck with Hiab Crane	16 Ton	NN722	1
	Mercedes Benz 1823 Crane Truck	7M TON	CK5176	1
	Scania Truck with Crane	10 TON	LL5930	1
	Isuzu Pickup Truck	2 Ton	CA4497	1
	Mercedes Benz 1820 Truck	7 Ton	LA3621	1
	Mercedes Benz 1820 Crane & Water Tank Truck	7 Ton	BW8473	1
	Ashok Leyland truck DAF Cream	Drop side	BU8456	1
	Leyland DAF Truck	18 Ton	KK6548	1
	DAF Truck XF430 Blue	Truck	LL4306	1
	Ashok Leyland truck DAF White	Drop side	BV5842	1
	Mahindra Blazo	30 Ton	BX 5994	1
Light vehicles				
	Toyota Cruiser Cab	CAB	BQ1744	1
	Toyota Corrolla Car	Car	BR 4241	1
	Toyota Pickup NBV	1 Ton	LL575	1
	CFAO MW- Tiguan VW	SUV	BU8403	1
	Ford Ranger	1 Ton	PE8492	1
	Ford Ranger	1 Ton	PE9868	1
	Ford Ranger	1 Ton	NA6630	1
	Ford Ranger	1 Ton	KK6542	1
	Ford Ranger	1 Ton	KK6543	1
	Ford Ranger	1 Ton	PE8476	1
	Toyota Pickup double cabin white	1 Ton	CA3997	1
	Toyota Pickup double cabin white	1 Ton	CA3998	1
	Toyota Hilux double cabin pickup White	1 Ton	DZ3658	1
	Toyota Hilux Single cabin Pickup(new)	1 Ton	Reg.in progress	1
	Toyota Ractis White	Car	CA2001	1
	Toyota Ractis Red	Car	BX643	1
	Toyota RAV4	Car	SA6776	1
	Nissan Pickup NP300	1 Ton	NS4343	4
			NS5646	
			BX9527	
			BW9378	


LIST OF EQUIPMENT CONTINUED:
Earth Moving & Construction Equipment

Type of Equipment	Description	Capacity	Registration	Qty
Tractors	John Deere Tractor 6125	130hp	KU4450	1
	John Deere Tractor 6215	80HP		1
	MAHINDRA 80HP TRACTOR	80HP	No reg	3
	LANDINI 190 4X4 TRACTOR	150HP	No reg	1
	LANDINI 115 4X4 TRACTOR	120HP	No reg	1
	LANDINI 80 4X2 TRACTOR	80HP	No reg	1
	BELL 1226 4x2 TRACTOR	120HP	NA	2
	BELL 1218 4x4 TRACTOR	120HP	NA	1
	MF 440 4x2 TRACTOR	65HP	NA	1
Bulldozers	CAT D7 G DOZER	30TON	No reg	1
	CAT D7 G DOZER	30TON	No reg	1
	CAT D7 G DOZER	30TON	No reg	1
	CAT D5 DOZER	18TON	No reg	1
Excavators	CAT 320D EXCAVATOR	20TON	No reg	2
	CAT 330D EXCAVATOR	30TON	No reg	1
	DEZZI EXCAVATOR	8 TON	BV6648	1
Grader	CAT 140 G GRADER	140G	LL9908	2
	CAT 140 H GRADER	140H	LL9908	1
TLB	CAT 432 TLB	4x4	NB4405	1
	DEZZI CMI TLB 4x4	8Ton	BW 5962 BY 8235 BX 7176	3
Dump Truck	DEZZI ADT 20B	20TON	LL9870	1
	DEZZI ADT 20B	20TON	LL5770	1
Roller	BOMAG 10TON ROLLER	10TON	No reg	1
	BOMAG 10TON ROLLER	10TON	No reg	1
	BOMAG 12TON ROLLER	12TON	No reg	1
	XCMG XS143J	10TON		1
Compactors	VIBRATORY ROLLER COMPACTOR PEDESTRIAN		No reg	2
	VIBRATORY PLATE COMPACTOR		No reg	1
Tipper	BENZ 20 TON TIPPER	20TON	BV 4186	1
	MAHINDRA 20 TON TIPPER	20TON	CA 7096 BX 5988 BX 5989	3
	SCANIA 30 TON TIPPER	30TON	NA	1
Compressors	ATLAS COPCO AIR COMPRESSOR VAMS407	850CFM	No reg	1
	DEMAG AIR COMPRESSOR	400CFM	No reg	1
	DOOSAN AIR COMPRESSOR	350CFY	No reg	1
	MOBILE COMPRESSOR	LISTER-PETER	No reg	1



LIST OF EQUIPMENT CONTINUED:

<i>Type of Equipment</i>	<i>Description</i>	<i>Capacity</i>	<i>Registration</i>	<i>Qty</i>
Concrete Mixers	Silla 750ltrs Reversible Drum Concrete Mixer	750 Litres	Serial No:8772	1
	VPG RM800 Reversible Drum Concrete Mixer	800 Litres		1
	DESIEL CONCRETE MIXER	400 Litres		8
	Silla Ian Dickie, 430 litres, 2019	430 Litres	Serial number: 1309	1
	Silla Ian Dickie 430 litres, 2019	430 Litres	Serial number: 1306	1
	Self-Loading Mixer – Ajax Fiori	2500 Litres		1
	Self-Loading Mixer - Ajax Fiori	4000 Litres		1
Poker Vibrators	Poker Vibrators Honda	5.5HP	S-CV45	4
	Poker Vibrators		Serial number: 1834351	4
Others machines	Power float machines			4
	Leica Rugby Construction Lesser Survey Machine			1
	GPS survey machine			1
	Total Station		ATS-NAT8IT	1
	Dumpy levels		ATS-120R	4
	Site Dumper			3
Agricultural Land Prep Machinery	Baldwin offset disc harrow	24 discs		2
	Chisel Plough	7 Tine		1
	Mould Board Plough	3 Furrow Fixed		1
	Mould Board Plough	3 Furrow Reversible		1
	Ridger	3 Furrow		1
	Tractor Grader Blade	Reversible 3-point link		1
	Falcon Grass Slasher	2.4m Trailed		1
Trailers	8-ton Single Stack Cane Trailer	Single Axle		19
	Ti Self loading trail with PTO driven winch & hydraulic tipping	Single Axle		1
	Lowbed 35Ton	Gooseneck	KK 4262	1
	Lowbed 30Ton	Step deck		1
	12m Flat Deck	Triaxle		1
	8m Pipe Trailer	Double axle		1
Water Tankers	10,000Lt Self Propelled Water Tank	Mercedes Truck	BW8473	1
	10,000Lt Trailer Water Bowser	Double Rear Axle		1
	10,000Lt Trailer Water Bowser	4 Axle Turn Table		1



LIST OF EQUIPMENT CONTINUED:

Lifting Equipment

Type of Equipment	Description	Capacity	Registration	Qty
Forklift	H2.5FT Hyster Fortens Forklift	2.5 tons	No reg	1
	Hyster Fortens Forklift	4 Ton	BS677	1
	Maximal forklift 4X4	% Ton	NA	1
	Merlo Telehandler 13M 4x4	5 Ton	NA	1
	JLG Telehandler 17M 4x4	5 Ton	NA	1
	LINDE Forklift, 3 Ton	3 Ton	Serial No; H2X35INO2662	1
	Crane	8TON ALL TERAIn Crane Clark	8 ton	No reg
Morris Electric Hoist		5 Ton	No reg	1
Miscellaneous				
Stationary Machines	ACL/HARP PRESS BRAKE	1000KN 1250KN	WC67Y-100/3200 WA67y-125/3200	2
	STANDARD PREC LATHE MODEL 510*1500	C6251X1500	Serial No:711524	2
	STANDARD 3VM MILLING MACHINE	Standard 3VM/3HP		1
	FLANGE ROLLER W24 X 500			1
	Pro Cut Plasma Cutting Machine	ARC BRO INTECUTS	Product# EN60204-1	2
	Turent Milling Machine	Sino SD56-2V		1
	De Walt Flip Top Saw	9" metal horizontal band saw	HARP	1
	Threading Machine			1
	Pipe Bending Machine	5mm-12mm	ACL-W24Y-500	2
	Metal Work Gullotine Jan Purchase			1
	Trolley Jacks			6
	Metal tool Box			6
	Hammer Drill			3
	Gedore Tool Chest			1
	Sandblasting Pot			2
	Jack Hammer			1
	CNC Fuel Cutting Machine			
	Bench Lathe Machine/ shearing machine	MTM Hydraulic shearing machine	QC12Y-6Y3200	1
	Pallet stacker Machine Yellow		Serial No:0487	1
	CNC Cutting Machine			1
Sunrise Hydraulic Iron Worker Machine	80 Ton	1W-80S	1	
	Rolling Machine AK Bend		AKHY270X260	1
	Pickup mounted Water Tank	600Lt		2



LIST OF EQUIPMENT CONTINUED:

<i>Type of Equipment</i>	<i>Description</i>	<i>Capacity</i>	<i>Registration</i>	<i>Qty</i>	
Welding Machines	320A welding machines Miller	3 phases	ARC-300C	3	
	270A welding machines MAT	3 phases		6	
	500A welding machines Vigex	3 phases	BXI-500-2	2	
	630A welding machines Kaierda	3 phases	BXI-630-1	2	
	200A welding machines MAT	single phase		3	
	420A welding machine Miller	3 phases		1	
	LINCON MOBILE PETROL WELDING MACHINE			1	
	Ranger 250 welding machine			1	
	Welding machine			4	
	De Walt Machine			4	
	DC welding machine X3			3	
	DC welding machine X3			3	
	3X Welding machine & parts			3	
	Generators	50 KVA Diesel Generator		Engine No: HC526913C	1
		20 KVA Diesel Generators		Model No:PBP20PS	2
80 KVA Generator				1	
500 KVA Geberator				1	
6.25 KVA Air Cooled Diesel Generators		5KW	JDP6000-LHEB	2	
7.5 KVA Generators				3	
10 KVA Generators				2	
12.5 KVA V-twin Air Cooled Diesel Generator	10KW	PM12000LDE	1		
Drilling Rig Machines	Ashok Leyland 15Ton Drilling Rig with Compressor	15Ton		1	
	Chendang Tracked Crawler Drill & Hammer Rig	Tracked Crawler		2	
	LongDong Tracked Crawler Drill & Hammer Rig	Tracked Crawler		1	

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