



HEMS AFRICA ENGINEERING

COMPANY PROFILE

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COMPANY OVERVIEW

About Us

Hems Africa Engineering is a renowned engineering firm based in Zimbabwe with 25 years of exceptional service. Our expertise lies in SMPP Projects, specializing in structural steelwork, mechanical engineering ,piping and platework. Hems also provides labour broking ,project management , mobile cranes and lifting equipment hires. We have offices situated in Harare, Bulawayo and South Africa.



OUR PROCESS

Mission



To create value for our clients by offering innovative, unparalleled high quality engineering products, services, maintenance programmes, repairs and refurbishments and a comprehensive after sales service that guarantee customer satisfaction

Vision



To be widely recognized as the preferred supplier of bespoke quality engineering products and services to the African Market

Values



- Trust
- Respect
- Ethics
- Teamwork





WHAT WE DO



SMPP PROJECTS

(Structural, Mechanical, Pipework and Platework)



ENGINEERING

- Steel fabrication
- Machining
- Labour Broking
- Plant Maintenance



CRANE HIRE

- Hydraulic Mobile Cranes from 6ton up to 110ton



SUPPLIES

- Pumps
- IBR
- Steel
- Industrial and Mining Products



ENGINEERING

(STRUCTURAL, MECHANICAL, PLATEWORK, PIPEWORK, MACHINING, LABOUR BROKING)

ENGINEERING EXPERTISE

Structural Steelwork

- Roof steelwork
- Support structures
- Access stairways and platforms
- Hand Railing
- Bridges

Mechanical Assembly and Installations

- Assembling and installation
- Mechanical components
- Mechanized equipment
- Process plants
- Material handling plants



Plate-work

- Steel Tanks
- Storage vessels
- Water tanks
- Petroleum tanks
- Chutes
- Hoppers

Pipe work

- Supply and Installation of medium to large Bore steel piping
- Installation of hoses and HDPE piping

Machining

- Spares Replacement
- Customized Machine Work
- Mechanical Components



ENGINEERING

Labour Broking & Plant Maintenance

We have experienced skilled labour force which carries our site and plant maintenance projects

Our skilled Laborers comprises of :

- Boiler makers
- Fitters
- Pipe Fitters
- Riggers
- Welders (Coded)
- Sheeters
- Steel erectors
- Electricians



Project Management

Our project management team includes Engineers and Technicians experienced in the execution of all types of Engineering jobs

WORKSHOP

Our Fabrication workshop is situated in Bulawayo Steel dale and has 2000m² of work floor area with a 15 Ton overhead crane.

EQUIPMENT

- Welding machines
- Rolling Machines
- Guillotines
- Bend brakes
- CNC Plasma Cutting Plant
- Tank Rotating Rollers
- Sand blasting machine
- Croppers
- Vertical Borers
- Milling machines
- Pedestal Grinders
- Rigging Tackle



CRANES



- 6 Ton HIAB
- 12 Ton HIAB
- 25 Ton Crane
- 30 Ton Crane
- 50 Ton Crane
- 60 Ton Crane
- 80 Ton Crane
- 110 Ton Crane
- 7 Ton Forklift
- Scissors Platform
- Cherry Pickers



SUPPLIES

PUMPS

Dewatering Solutions :

- Contract dewatering solutions
- Custom built dewatering solutions
- Purchasing of a dewatering pump solutions
- Renting of a dewatering pump solution

Dredging and Slurry Solutions :

- Heavy Duty Slurry Handling Solutions
- Slurry Handling Solutions
- Slurry Dredging Solutions
- Accessories



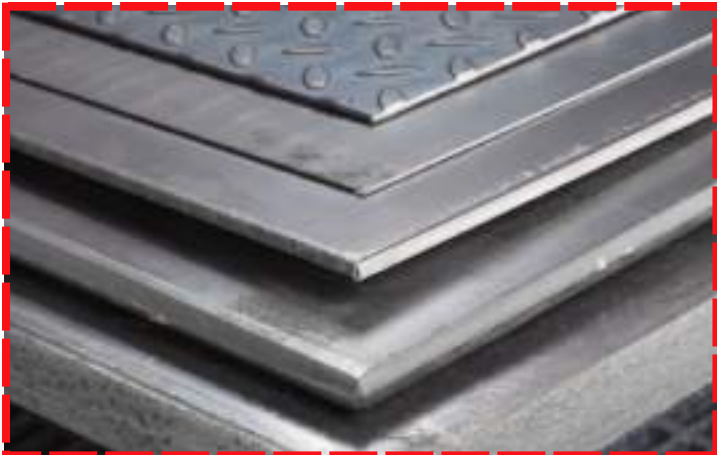
SUPPLIES

IBR SHEETING

Supply and fixing of chromadek roof sheets to suit client specifications and supports customization.



Steel



SMPP PROJECT

Client : DALLAGLIO - PICKSTONE MINE

Period

June 2022 - August 2023

Scope of Work

Surface and underground equipping. Surface equipping being the headgear, surface conveyor, bank screens, a 2500mm diameter sheave, jack catch boxes, bank steelwork, ore chutes to the conveyor, winder house, ore bin and mechanical installations. The underground equipping involved extensive development works being fabrication of kibbles and Galloway stage, side wall supporting, shaft collar civils, shaft steel equipping, compressed air pipe fixing, shaft water pipe fixing, shaft electrical cables fixing and installation of rails in tunnels.



PLANETARY COOLER PROJECT

Client : LAFARGE CEMENT

Period

May 2019 - February 2020

Scope of Work

Refurbishment of 14 meter long X 1.6 meter (ID) Planetary coolers



FABRICATION AND INSTALLATION OF THE MAIN FLOTATION SHED STEELWORK WITH COMPLETE SHEETING AND CLADDING

Client : RIOZIM - CAM AND MOTOR

Period

2017-2018

Scope of Work

Fabrication and installation of Main Flotation shed-main columns and rafters



MIMOSA MINE - MODIFICATIONS TO 16NO. 5M3 FLOTATION CELLS (TANKS) COMPLETE WITH DRIVE UNITS

ENGINEERS : METSO MINERALS

CLIENT : MIMOSA MINE

Period

Oct 2014 to Sept 2015

Scope of Work

To dismantle existing Cells, Fabricate extension materials and adjust Tank capacity by increasing top section and add peripheral launder system. Machine and extend the Flotation drive shafts, refurbish Tanks and assemble.



STRUCTURAL STEELWORKS FOR NEW CHIBUKU SUPER-FLOW PLANT AT DELTA FAIRBRIDGE BULAWAYO.

Client : Delta Beverages (Pvt) Ltd.

Engineers : Inter-Africa Consulting Engineers
Main Contractor : Techno Expert Construction.

Period

Oct 2014 to September 2015.

Scope of Works

Takedown existing Plant and Structural Steelwork.
Supply, fabrication and Erection of new Structural Steelwork
Including sandblasting and painting of existing Steelwork.
Supply and installation of new Open grid flooring, handrailing.
Rigging and installation of new Imported Plant equipment



CHROMADECK ROOF SHEETING AND CLADDING

Client : Masimba Holdings

Period

March 2016 - August 2016

Scope of Work

Chromadeck roof sheeting and cladding at Delta Chibuku Masvingo Plant 2016



SPENT GRAIN HOPPERS

Client : Delta Beverages

Period

2016

Scope of Work

Fabrication and site installation of 2No.
No spent grain hoppers c/w stands for Delta Chibuku Masvingo and kwekwe Plants.



STAR AFRICA : RIG OUT & RELOCATE SUGAR PROCESSING PLANT & FABRICATION INSITUATION OF STAINLESS STEEL STORAGE TANKS

Client : Star Africa

Period

Oct 2013 - March 2014

Scope of Works

Safe Rigging out of Large Tanks and sugar processing equipment from a confined Factory building and relocated to Gold Star Harare expansion project and Insitution manufacture at the Harare plant of 3No. Large diameter stainless steel tanks



JMN NKOMO AIPORT STRUCTURAL STEEL WORK - PRESIDENTIAL CANOPY

Client : CAAZ

Architect : Studio Arts

Engineers : Civil Consult

Period

April 2011 to July 2011

Scope of Work

Supply, Fabrication, Delivery and Erection of Achitectoral steelwork Canopy.



PRETORIA PORTLAND CEMENT (PPC) LTD :SKILLED LABOUR FOR UNIDON PLANT

Client : PPC, Fairbridge, Bulawayo

Period :

Nov 2012 to May 2013

Scope of Works

Supply of Skilled labour (Fitters) and equipment for the site dismantling of existing and Installation of new Unidon plant.



BNC SHANGANI MINE: MODIFICATIONS TO UNDERGROUND LEVEL CONVEYOR, CRUSHER & ORE PASS CHUTES AND PROVISION OF SKILLED LABOUR FOR OTHER MAINTENANCE WORKS

Client : Shangani Mine

Period

2006 - 2007

Scope of Work

Supply fabrication and Erection of Chutes, modifications to conveyor and crusher at 915Lvl. Provision of skilled labour and equipment for Mine maintenance works.





Oscar Msowa
Business
Development
Manager

Oscar Msowa has extensive experience in developing and running organizations in construction ,mining ,agriculture, biomedical, ICT & consulting in the SADC region. He has held leadership positions in these entities. Oscar holds a BA Honors degree (NUST) and is currently pursuing an MBA at UZ among other qualifications.

Bert Booyse
Group Projects
Engineer

Eng. Bert Booyse is an Engineering Council of South Africa Pr.Tech.Eng, a member of the South African Institute of Civil Engineers and a member of the South African Institute of Welders. He has over 50 years of experience in the steel and concrete industry covering the design, drawing and project management on commercial, industrial and mining sector.

Gerald Muchatuta
Engineering
Manager

Eng. Gerald Muchatuta is a holder of a Bachelor of Technology Industrial and Manufacturing Engineering degree and has gained years of experience working on Mechanical , Hvac ,Structural and Architectural Projects . One of his strengths is to analyze production cost – Effective Designs & Estimation and also Project Management and Execution.

Tafadzwa Ngara
Civil & Structural
Engineer

Eng. Tafadzwa Ngara is a professional engineer with the engineering council of Zimbabwe (ECZ) and a member of the Zimbabwe institute of Engineers (ZIE). He is a holder of a Bachelor of Engineering degree in civil & water eng. He is an astute Design & Projects engineer with 6 years' experience.

Kudzai Sibanda
Cranes
Manager

Kudzai Sibanda is the Cranes Manager of Hems Africa Engineering, He manages the cranes fleet and all mobile equipment of the organization. He specializes in Safe Lifting and Mechanized Rigging Methods. He started as a Workshop Assistant in 2012 and rose through the ranks by acquiring various skills and qualifications in Engineering, Logistics and Digital Marketing. He has worked as a Crane Operator and a Cranes Supervisor before becoming the Cranes Manager. He is a leader, a technician and a safety advocate with an impeccable safety record.



CEO'S PROFILE

Ngoni.H. Paradzai



Mr. Paradzai is an experienced industry trained engineer and the founder of Hems Africa, a leading engineering company in Zimbabwe.

He began his career as teacher at a local Government high school where he taught Metalwork and Technical and Technical Drawing.

In 1988, he joined a local steel fabrication company where he excelled as a Draughtsman and Estimator. Within two years he joined excelled in that field. After two years he was employed by an internationally renowned process Engineering company on a year contract as an Engineering expeditor. The company carried out the ZISCO multimillion dollar rehabilitation project which focused on the Coke ovens & By Products plant. His job entailed coordinating the various sub-contractors in Zimbabwe for the steel fabrication, supply of Mechanical & Electrical materials.



Upon completion of the project, he joined a reputable local Zimbabwean engineering company where he started off as a draughtsman/Estimator & rose to the position of contracts manager over a period of 10 years.

He founded Hems Africa in 1999 and began to operate Hems Africa on a full time basis in 2002 by offering Project Management Services to established engineering companies. He quickly established the Engineering division of Hems Africa, specializing in Steel Fabrication, Machining and later the Crane Services.

Under his leadership, Hems Africa has grown into a reputable force in the Engineering sector, with a spacious and well-equipped workshop. The cranes division has a fleet of cranes ranging from a 6ton crane up to a 110 Ton Crane.

The company carries out SMPP projects & boasts of a professional technical team and a skilled labour force that can handle projects of any size. Hems Africa has successfully completed various Structural and Mechanical projects throughout the country.

He has won various business awards for Leadership excellence.



1. ZIE - Zimbabwe Institute of Engineers
2. CIFOZ - Construction Industry Federation of Zimbabwe
3. CZI - Confederation of Zimbabwe Industries
4. EISAZ - Engineering Iron and Steel Association of Zimbabwe
5. ECZ - Engineering Council of Zimbabwe



OUR PARTNERS



SOME OF OUR CLIENTS





Contact us

ZIMBABWE



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