

ACS ENGINEERING CO. LTD



your preferred partner in Transformative Growth in the Petroleum Industry

info@acsengineeringss.com

ABOUT US

ACS Engineering Limited is a leading engineering consultancy specialized in Water treatment, Land remediation, Solid waste management, and infrastructure solutions in support of economic and environmental sustainability. We know the key to sustainable success lies not only in envisioning and planning for the future but also in solving today's challenges. We are committed to helping our customers find engineering solutions that deliver immediate and long-term, bottom-line results.

Our combination of expertise and passion for the engineering projects that we design enables us to deliver sustainable solutions to our clients. By combining professional know-how and proven technology with an approach tailored to your specific needs, we help clients improve water management, landfill design, construction management, and environmental performance to reduce facility operating costs. These savings are delivered through best practices and superior designs as a result of our wealth of knowledge and our vast design and project experience.

VISION

"To be a global leader in delivering sustainable engineering solutions that harmonize economic growth with environmental stewardship, ensuring a greener and more sustainable future for generations to come."

MISSION

"At ACS Engineering Limited, our mission is to provide innovative, client-focused engineering and environmental consultancy services that address today's challenges while planning for a sustainable tomorrow. By combining technical expertise, cutting-edge technology, and a commitment to green solutions, we aim to deliver cost-effective, environmentally friendly projects that reduce operational costs, improve resource management, and promote long-term sustainability. We are dedicated to helping our clients achieve their goals through tailored solutions that balance economic success with environmental responsibility."

INTEGRITY

At ACS Engineering, we are committed to conducting our business with highest level of integrity and earning the trust placed in us.

Our code of integrity contains our guiding, ethical principles and sets forth the behaviors we expect of all ASC Engineering employees, Director and officers as well as our Business Partners and Suppliers

SERVICES

Soil Remediation

In Situ and Ex Situ Soil Remediation Available.

Services include: diagnosis on contamination through external Quality Accredited lab, advice on most suitable method for treatment, conversion or containment. Soil can either be remediated, converted for beneficial re-use - i.e., building materials, or buried and encapsulated in accordance with relevant guidelines.

Drilling Mud types can vary according to location and the products used within the drilling process. Each project is approached on an individual basis, to create a bespoke treatment according to the drilling mud type and profile and required client outcome.

Evaporation Ponds

Evaporation ponds can form a key part of water management projects. Services include initial pond design and water modelling, pond construction and preparation for liner and liner installation.

Landfills

A tailored approach is offered to suit the client's needs. Services include: assessment of waste types, advice on most appropriate landfill solution, full project management of landfill design, construction, and management.



PW Management

Services include: Reverse Osmosis plants, catchment management, water modelling and predictions, beneficial reuse of produced water, forestry design and project management, bespoke advice and guidance.

Waste Water Treatment Plants (Sewage)

A tailored approach is offered to suit the client's needs. Services include: assessment of sewage types, advice on most appropriate water treatment plant, full project management of designing, construction, and management.

Analysis of the sewage to determine the appropriate treatment in each individual case (BOD, COD, E.coli, etc.)

Portable water treatment plants can be designed to treat small volumes of sewage.

Design of disinfection modules to be attached to the water treatment plant line.



Other Services

Engineering Consultancy (OIL Companies)

- Providing assistance to special projects related to the oil fields: Infrastructure, Engineering Calculations, Site Management, Project Management, and relations with the Oil Companies in South Sudan.



Environmental Impact Documents

- Producing documents of the environmental impact for the projects to be presented in the Ministry of Petroleum and Environment.

Other SERVICES	PROCUREMENT AND CONTRACT SERVICES:
PROJECT MANAGEMENT:	- Expediting
- Procurement	- Tender Evaluation
- Project Scheduling	- Project Tendering Documentation
- Project Management	- Construction Contract Preparation
- Project Cost Estimating	- Equipment Specification and Procurement
- Business Case Development	
- Feasibility and Strategic Studies	
PROCUREMENT AND CONTRACT SERVICES:	CIVIL / STRUCTURAL ENGINEERING:
- Expediting	- Design Reviews
- Tender Evaluation	- Dynamic Analysis
- Project Tendering Documentation	- Constructability Reviews
- Construction Contract Preparation	- Structural Steel Design and Analysis
- Equipment Specification and Procurement	- Equipment and Building Foundations
	- Existing Structure Analysis and Review
	- Structural Steel Detailing and Shop Drawings
	- Complete Concrete Above & Below-Ground
	Design
CONSTRUCTION MANAGEMENT:	PW MANAGEMENT:
- Construction Management	- Reverse Osmosis plants
- Construction Field Support	- Catchment management
- Commissioning and Start-up Support	- Water modelling and predictions
- Commissioning and Start-up Support	- Beneficial reuse of produced water
	- Project management
	- Bespoke advice and guidance.
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South Sudan Office:

Tel: +211 912 365 173 / +211 912 365 169
Email: info@acsengineeringss.com
Website: www.acsengineeringss.com
Address: DSTV Plaza, Opposite Zain
Building, Airport Rd