

MEDAAN ENGINEERING SERVICES LIMITED

MEDAAN

ENGINEERING SERVICES

Experience . Precision . Excellence

Renewable Energy & Solar Solutions Company

MEDAAN ENGINEERING SERVICES LIMITED



MEDAAN ENGINEERING SERVICES LIMITED

RC: 7455626

•Experience •Precision •Excellence

MEDAAN SOLAR SOLUTIONS CENTRE

■ Experience ■ Precision ■ Excellence

www.medaanengineeringservices.com sales@medaanengineeringservices.com

COMPANY PROFILE



Introduction

At Medaan we provide end-to-end solar energy solutions for residential, commercial, and industrial clients across West Africa

Whether you're looking to reduce your electricity bills, eliminate generator dependency, or power an off-grid facility, our expert team will deliver a customized solar system tailored to your needs.



Our Vision

To engineer a better world by delivering sustainable, efficient, and responsible solutions that drive long-term value for communities, industries and the planet.







Our Mission

Our mission is to enable organizations to achieve sustainable growth while contributing positively to the environment.
We combine technical excellence, collaborative partnerships, and a deep commitment to integrity and safety to build a better, smarter world.







Our Core Values

1. Sustainability
We prioritize solutions that protect and preserve our environment, supporting long-term ecological, social, and economic well-being.

2. Integrity
We act with honesty, transparency, and accountability in everything we do—earning the trust of our partners, clients, and communities.

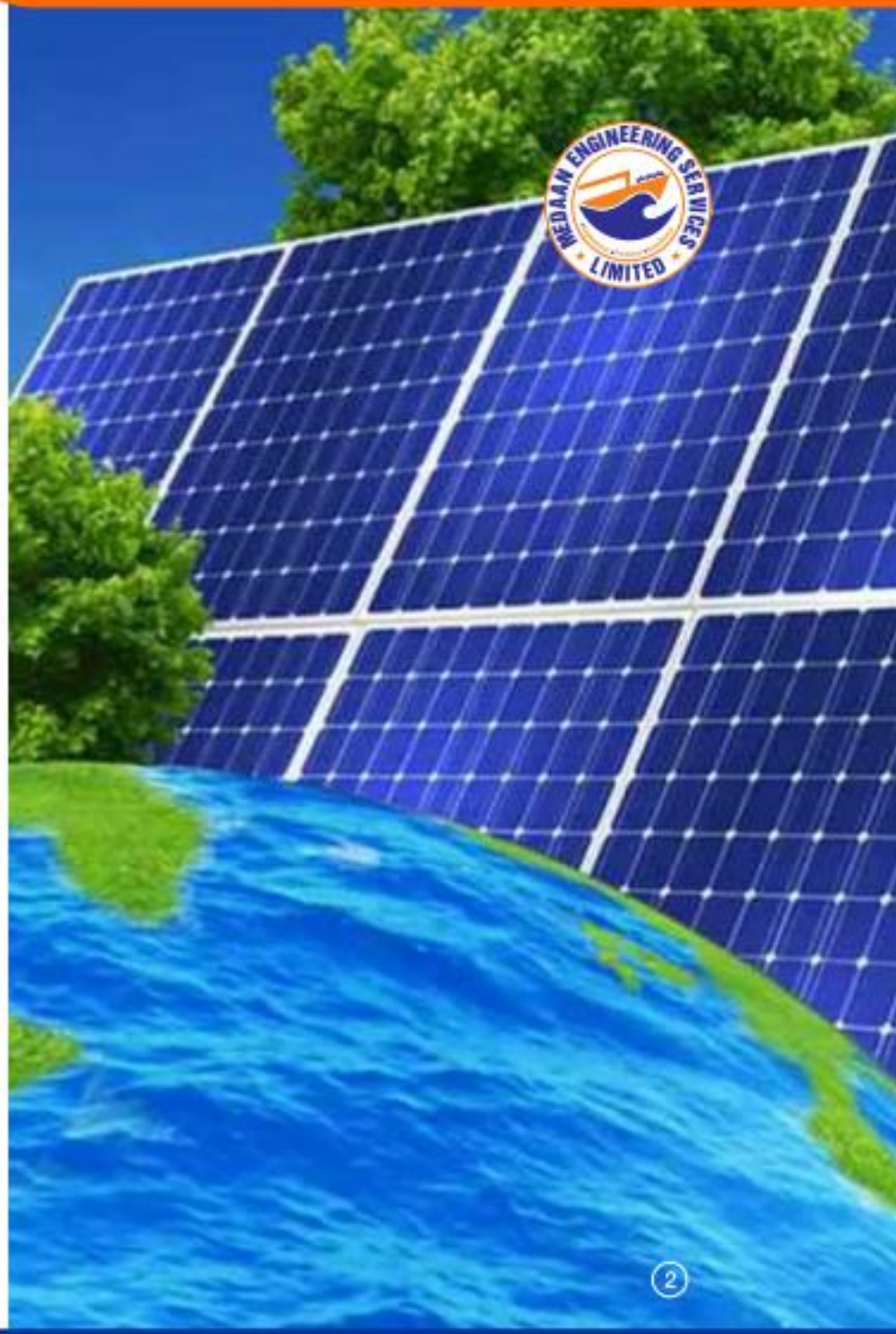
3. Innovation
We embrace creativity and forward-thinking to develop smarter, more efficient, and future-ready solutions.

4. Collaboration
We believe in the power of partnerships—working closely with clients, communities, and colleagues to achieve shared success.

5. Excellence
We deliver high-quality results through technical expertise, continuous improvement, and attention to detail.

6. Safety
We are committed to the highest standards of safety—for our people, our partners, and the environments in which we operate.

7. Responsibility
We take ownership of our impact, striving to make decisions that are ethically sound and socially responsible.



How Solar Energy Works

Harnessing the Power of the Sun

1. Solar panels capture sunlight and convert it into electricity
2. This electricity powers homes and businesses efficiently
3. Excess energy can be stored in batteries or fed into the grid



Our Products & Solar Solutions

1 Solar Panel Installation

- ✓ Residential commercial solar
- ✓ Rooftop & ground mounted installations
- ✓ Solar panel sizing & customized designs



2 Hybrid Inverter Installation

- ✓ Long-lasting, maintenance-free options
- ✓ Integrated with hybrid systems
- ✓ Power all essentials and household equipments



3 Battery Backup Systems

- ✓ 1KVA to 15KVA inverter Solutions
  20KVA to 25KVA Inverter Solutions
- ✓ Wall Mounted Lithium Battery
  5KWh to 20KWh
- ✓ Stackable Lithium Battery
  10KW to 30KWh
- ✓ Rack Mounted Lithium Battery
  5KWh to 15KWh
- ✓ Commercial Battery Storage System
  100KWh to 200Kwh Solutions.

Brand : Tier One Global OEM's.



4 Solar Energy Consultation & Custom Design

- ✓ Site Audit and Inspection Analysis all over Nigeria
- ✓ Detailed energy audit and ROI analysis
- ✓ Custom load calculations & system planning



Energy Saving Equipments





ENERGY CONDITIONING
MONITORING EQUIPMENTS



AVRs AND UPS SYSTEMS









SOLAR CARPORT MOUNTING SYSTEM







SOLAR FARMLAND MOUNTING SYSTEM



Benefits of Solar Energy

Environmental Benefits

- ✓ Clean and renewable: Solar energy doesn't release harmful greenhouse gases or pollutants.
- ✓ Reduces carbon footprint: Helps combat climate change by lowering reliance on fossil fuels.

Energy Independence

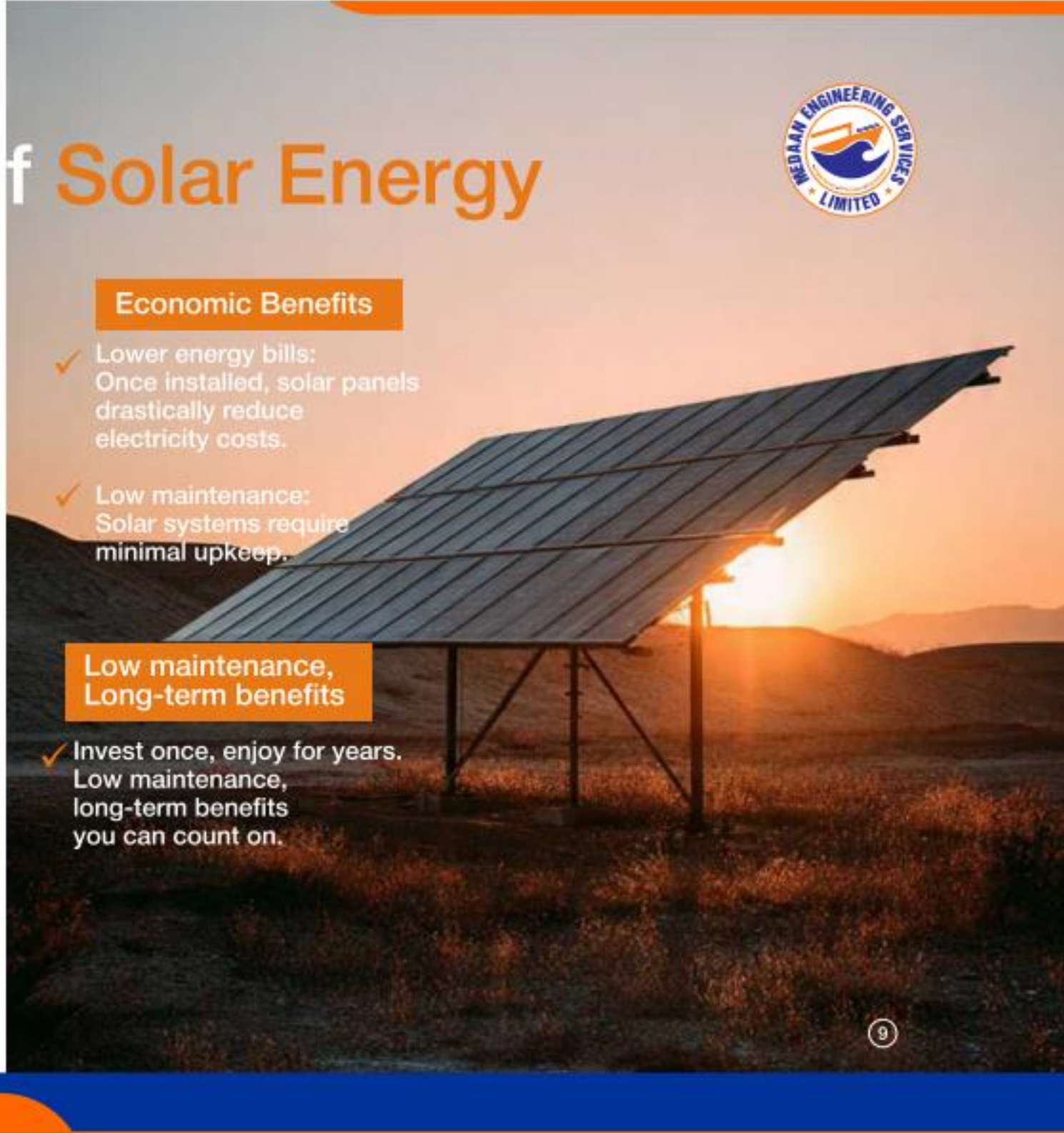
- ✓ Reduces reliance on the grid: Households and businesses can generate their own electricity.
- ✓ Energy security: Less vulnerable to fuel shortages and price fluctuations.

Economic Benefits

- ✓ Lower energy bills: Once installed, solar panels drastically reduce electricity costs.
- ✓ Low maintenance: Solar systems require minimal upkeep.

Low maintenance, Long-term benefits

- ✓ Invest once, enjoy for years. Low maintenance, long-term benefits you can count on.

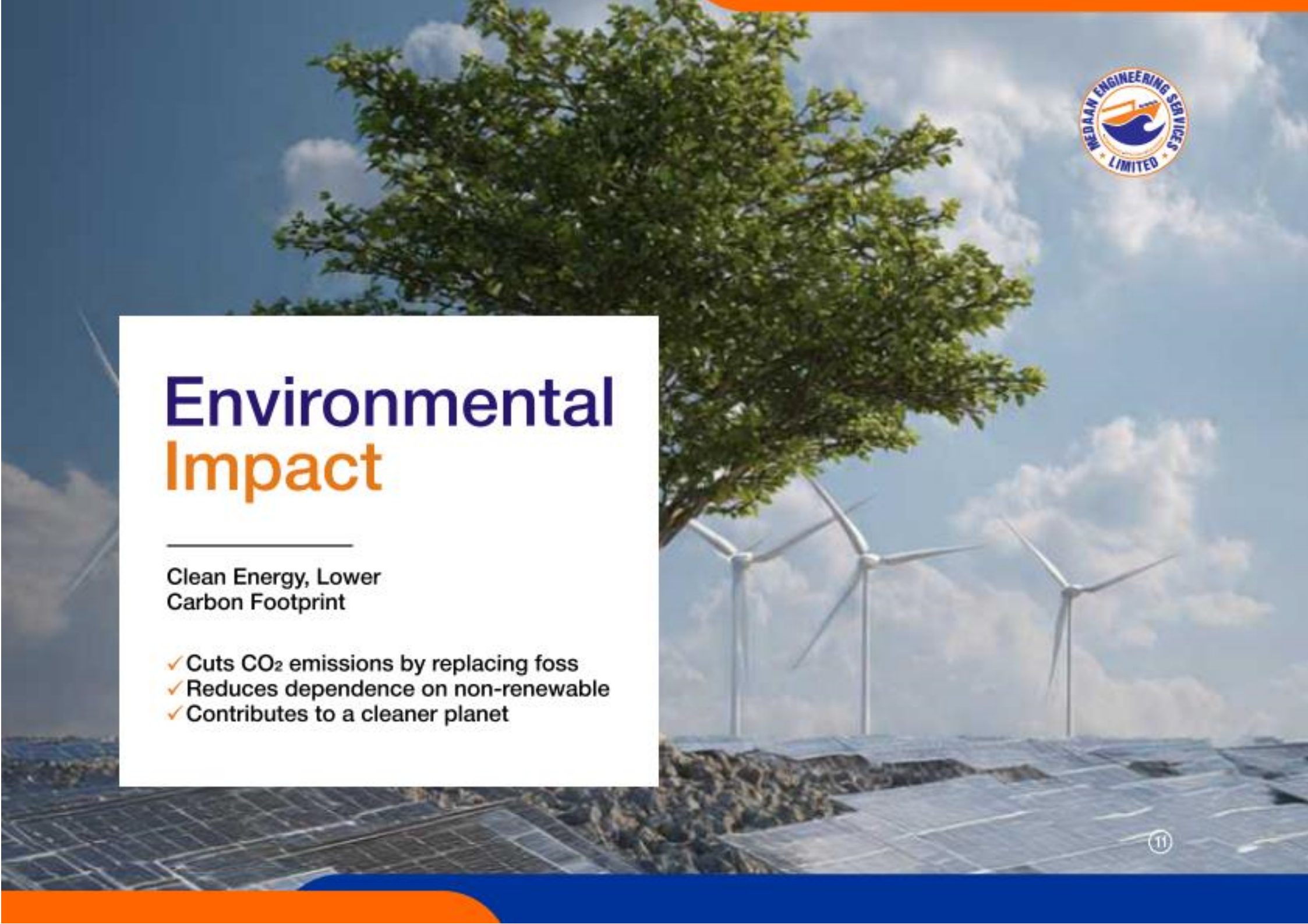


Who We Serve

- ✓ Factory & Industries (Large Scale Solar Farm)
- ✓ Residential (Urban & Off Grid)
- ✓ Telecommunication companies
- ✓ Business & Offices
- ✓ Schools & Clinics
- ✓ Farm & Manufacturing Plants
- ✓ Religious Institutions
- ✓ Hotels & Restaurants







Environmental Impact

Clean Energy, Lower Carbon Footprint

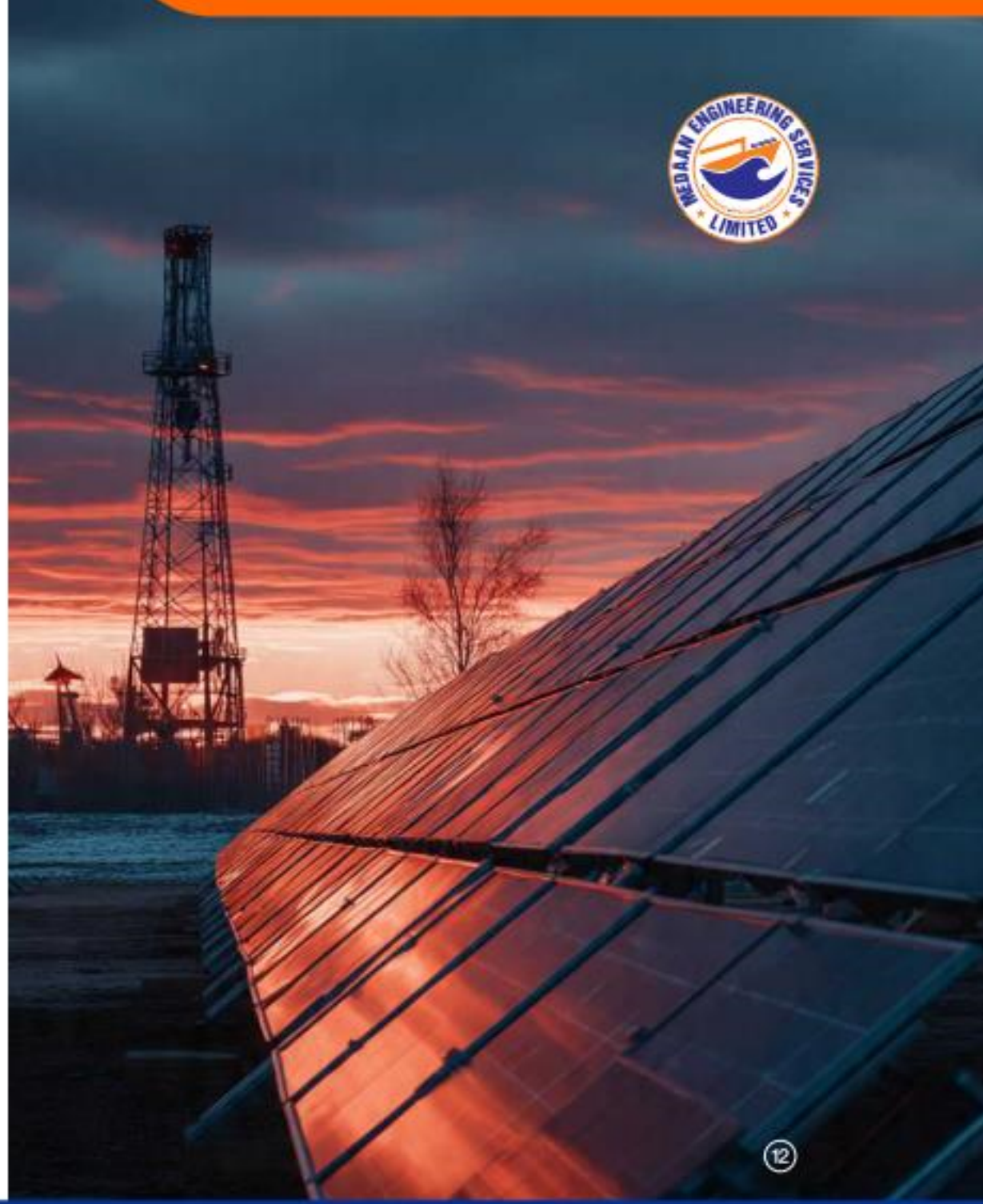
- ✓ Cuts CO_2 emissions by replacing foss
- ✓ Reduces dependence on non-renewable
- ✓ Contributes to a cleaner planet

Future of Solar Energy

At Medaan Engineering Services, the future can be shaped by leaning into strengths and addressing challenges.

Some Strategic Pillars:

- ✓ Emphasize high-quality installations, strong after-sales services.
- ✓ Ensure systems are properly sized; invest in training technicians.
- ✓ Use monitoring tools to track performance, catch and fix issues early.
- ✓ Residential, commercial, industrial systems.
- ✓ Hybrid systems (solar + battery + generator backup).
- ✓ Solar water heating, solar street lighting, solar pumps for agriculture.
- ✓ Focus on underserved areas where grid access is unreliable or nonexistent.



Medaan Engineering Services Limited

COMPLETED PROJECTS



To engineer a better world by delivering sustainable, efficient, and responsible solutions that drive long-term value for communities, industries and the planet

www.medaanengineeringservices.com

Project Title: Installation and Commissioning of 12kA, 20KWH Lithium Battery system,
Location: Karu site, Abuja

10pcs of 620W Solar Panels Installed

20KWH Aurora batteries

12kva Hybrid Inverter







Project Title: Installation and Commissioning of 6.5kva System.
Location: RCCG Province 3 Pastor Estate, Jikwoyi, Abuja FCT.



8pcs of 620W Solar Panels Installed

2 Tall Tubular Batteries

6.5kva Hybrid Inverter



Project Title: Installation and Commissioning of 5KVA, 10KWH Lithium battery system

Location: Karu Site, Abuja FCT.

8pcs of 620W Solar Panel Installed

10kwh lithium batteries

5kva Hybrid Inverter







Project title:
Installation of a 60kw system for African first ladies building
Location: Airport road, Abuja





60kwh lithium batteries

Backup system battery pack project



Maintenance and troubleshooting of faulty factory machines















Project Title: Installation of 11kva full solar backup system

Location: Karshi Abuja, Nigeria



15pcs of 620W Solar Panel Installed

16kwh lithium batteries

11kva Hybrid Inverter



Project Title: 144,000Ah bank with 2volt cells 1000ah each 72 piece installed 63 pieces of 450W Solar Panel with system generating about 39kwh
Location: Loyola Jesuit College, Surulere Lagos state.

144,000AH battery bank

450W Solar Panel 63pcs









Project Title: 60kw lithium batteries with hundred panels of 450w and with 30kw inverter.



Location: Loyola Jesuit College, Surulere Lagos Nigeria.



Project Title: 450 panels, about 20kw generating from the sun to charge a battery bank of 24000AH. Over 15kw inverter with 15kw outback charge controller

Location: Augustus close, off Bazak Balogun, Surulere Lagos Nigeria.













Project Title: 50KW inverter backup system with 5.12kw*12=61.44 kW lithium batterys and 90pcs of 600W Solar panels
Location: Trans Amadi Industrial Areas, Port Harcourt Nigeria







Project Title: 50kw inverter system with 5.12kwh*24=122.88 kWh battery series & 114pcs of solar panels.

Location: Trans Woji road, Port Harcourt, Rivers state.





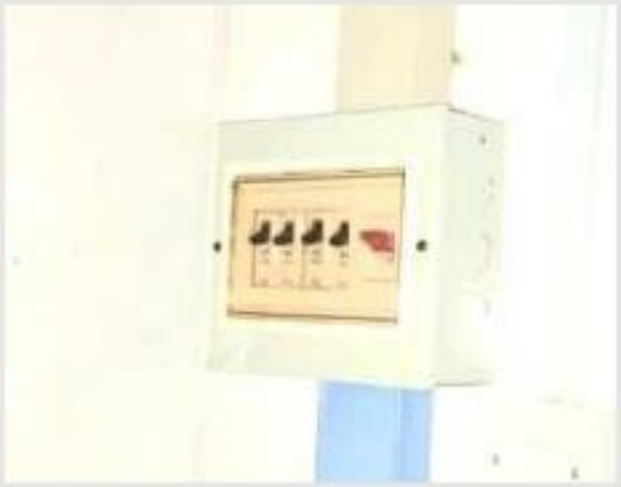






Completed Projects








Completed Projects















Completed Projects



Good morning dear esteem client,

Reliable Power. Elegant Design. Proven Performance.
From 5kWh to 30kWh, Aurora Power Lithium Batteries redefine what energy independence feels like.
Enjoy clean, silent, and uninterrupted power - built for homes, offices, and businesses that deserve more than just backup.
1Õ 6-Year Warranty | 4 51.2V LiFePO, Technology |
Built to Last
Join hundreds of thousand already enjoying the Aurora advantage upgrade today and keep calm, solar on.



One of our newly installed setup 15kwh lithium batteries paired with hybrid 11kva in parallel everything is blessed

Completed Projects









Completed Projects













Completed Projects








Completed Projects








STATUTORY PERMITS



FEDERAL REPUBLIC OF NIGERIA

PERMIT TO OPERATE AS AN OIL INDUSTRY SERVICE COMPANY

MAJOR CATEGORY

PERMIT NO: NUPRC/OGISP/25/7763386/N432761

This Permit is hereby granted to

MEDAAN ENGINEERING SERVICES LTD

of GOP MALL, PLOT 4, KARU LAYOUT, NYANYA-JIKWOYI ROAD,

KARU, ABUJA, NIGERIA

to render the service to the Oil Industry in the Category listed hereunder:

INSTALLATION AND MAINTENANCE

- Electrical Installation/Maintenance & Materials

This Permit expires on the Friday, August 14, 2026

Fee Paid: ₦ 31,250.00

Dated 14th day of August 20 25

Commission Chief Executive

This permit does not cover "Supply of Expatriate Manpower" in any guise



FEDERAL REPUBLIC OF NIGERIA

PERMIT TO OPERATE AS AN OIL INDUSTRY SERVICE COMPANY

MAJOR CATEGORY

PERMIT NO: NUPRC/OGISP/25/3236580/N431981

This Permit is hereby granted to

MEDAAN ENGINEERING SERVICES LTD

of GOP MALL, PLOT 4, KARU LAYOUT, NYANYA-JIKWOYI ROAD,

KARU, ABUJA, NIGERIA

to render the service to the Oil Industry in the Category listed hereunder:

REHABILITATION/UPGRADE/FABRICATION WORKS

- Minor Metal Fabrication
- Minor Mechanical

This Permit expires on the Friday, August 14, 2026

Fee Paid: ₦ 31,250.00

Dated 14th day of August 20 25

Commission Chief Executive

This permit does not cover "Supply of Expatriate Manpower" in any guise

STATUTORY PERMITS



FEDERAL REPUBLIC OF NIGERIA

PERMIT TO OPERATE AS AN OIL INDUSTRY SERVICE COMPANY

SPECIALIZED CATEGORY

PERMIT NO: NUPRC/OGISP/25/8495837/N431979

This Permit is hereby granted to

MEDAAN ENGINEERING SERVICES LTD

of GDP MALL, PLOT 4, KARU LAYOUT, NYANYA-JIKWOYI ROAD,

KARU, ABUJA, NIGERIA

to render the service to the Oil Industry in the Category listed hereunder:

MARINE SERVICES/INSTALLATION

- Crane Vessel
- Supply, Installation, and Maintenance of Marine Equipment

This Permit expires on the Friday, August 14, 2026

Fee Paid: ₦ 312,500.00

Dated 14th day of August 20 25

Commission Chief Executive

This permit does not cover "Supply of Expatriate Manpower" in any guise



BUREAU OF PUBLIC PROCUREMENT

www.bpp.gov.ng

11, Suleiman Barau Street,
Presidential Villa,
ABUJA-NIGERIA

Expiry Date
December-31-2025

Interim Registration Report (IRR)

This is to certify the registration of

medaan engineering services ltd

Company Registration No 7455626

Nigeria Owned / Private Company Limited by Shares

in the National Database of Particulars, Categorization, and Classification of Contractors, Consultants and Service Providers

FIRS	PENCOM	NSITF	ITF
Compliant	Compliant with 3 personnel, as obtained from PENCOM.	Compliant	Compliant

BUSINESS CATEGORIES (NOTE: Only categories with asterisk (*) have been verified by BPP)

Appliances (Home & Office), Tools & Accessories And Spare Parts (metal, Non-metal, Plastic Composite etc) | Water Crafts: Vessels, Boats, Tugboats, Ferries, Barges/lighters, & Ships, Tools & Accessories And Spare Parts (metal, Non-met | Ships/Boats | Solar Systems, Tools, Accessories And Spare Parts (metal, Non-metal, Plastic Composite etc) | Solar Power Equipment | Boats (Lighters) / Ships |

Generated on: September-15-2025

Ref. No: 0000-0017-9486

RC: 7455626

MEDAAN ENGINEERING SERVICES LIMITED

■ Experience ■ Precision ■ Excellence

SOLAR SOLUTIONS:

- Solar Batteries
- Solar Inverters
- Solar Charge Controllers
- Solar Street Lights
- Solar Panels
- Energy Savings Equipments













OUR TECHNICAL PARTNERS



microVH Hydraulic

POWERRAM HYDRAULIC TOOLS

BOSCH

MAHA

POWERMASTER BUILT TO LAST

BMG

HUAWEI

LUMINOUS Inverter • UPS • Battery

Genus energizing lives

aurora OPTOELECTRONIC

EnSmart Power Conversion & Energy Storage


OUR VISION
OUR MISSION
TECHNICAL
CONSULTANT


OUR MISSION



THANK YOU FOR CHOOSING US!

CONTACT US:

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