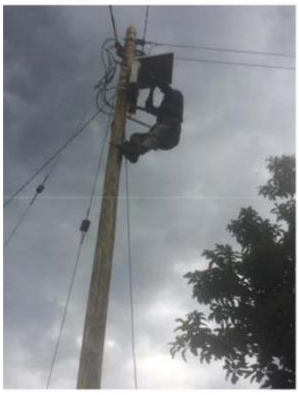
OMNICORP



INTRODUCTION; OMNICORP INTERNATIONAL LIMITED

OMNICORP INTERNATIONAL LIMITED, was founded in 2014 as an Energy Consulting and advisory firm but has since evolved into becoming an early-stage infrastructure accelerator.

Our specialty ranges from sourcing, developing, closing and delivering EPC, EPC+F, PPP, Equity and other contractual structures across major infrastructure projects in the sub-Saharan Africa.

We combine high-quality market intelligence with a deep understanding of the industries in which we operate in leading to consistent success and business growth for our clients

Our consultancy services cover a wide variety of Civil Engineering Solutions including: Dams, building works, road construction, renewable Energy and Real Estate.

We approach each project with a cooperative mindset, working as a team with our clients, qualified architects, engineers, and subcontractors towards the common goal.

Since inception, we have been involved in projects of varying magnitude, types and complexity, gaining experience and confidence over the years through handling and successful completion of all works undertaken, both in the private and public sectors.

At OmniCorp, we saw the need to scale up access to clean energy solutions that are not only friendly to the environment but also essential to improving lives and livelihoods. We envision to develop scalable, bankable new Energy solutions and create a future where everyone has access to clean energy and the opportunities that come with it.

It is from this background that we at OmniCorp launched the COMMUNITY SOLAR MINIGRID PROJECT to harness the abundant natural energy resources available and drive towards building sustainable, environmentally cleaner energy with a view to enabling the government attain its national goal of a thriving, green circular based economy by 2030.

Company Name:	OmniCorp International Limited
Head Address:	5th Avenue Building Ngong Road P.O. Box 41584-00100
Telephone:	+254 728116716
Email:	info@omnicorp.co.ke
Website:	www.omnicorp.co.ke
Contact Person:	Vincent Odhiambo vincent@omnicorp.co.ke 0728116716
Nature of Business:	Renewable Energy Consultants & EPC Contractors
Place of Incorporation:	Nairobi, Kenya
Year of Incorporation:	2014
Certificate of Incorporation No:	CPR/2014/139590
KRA Pin Number:	P051473034V
Bankers;	CFC STANBIC BANK KSH. 0100010098868 USD. 0100010098917

No. CPR/2014/139590

CERTIFICATE OF INCORPORATION

I hereby CERTIFY, *that* -

OMNICORP INTERNATIONAL LIMITED

is this day Incorporated under the Companies Act (Cap. 486) and that the Company is **LIMITED.**

GIVEN under my hand at Nairobi this **29 th** day of **April** Two Thousand and **Fourteen**

Registrar Of Companies

THE REPUBLIC OF KENYA

BUSINESS REGISTRATION SERVICE
P. O. BOX 30031
NAIROBI
24 JUN 2022

To
OMNICORP INTERNATIONAL LIMITED
P.O. Box 45322
00800 - WESTLANDS

THE COMPANIES ACT, 2015

Records relating to the below company held by the Companies Registry as at **24 Jun 2022**

..

COMPANY	OMNICORP INTERNATIONAL LIMITED
COMPANY NUMBER	CPR/2014/139590
NOMINAL SHARE CAPITAL	100,000.00
NUMBER AND TYPE OF SHARES (VALUE PER SHARE)	ORDINARY: 1000 (KES 100.00 EACH)
DATE OF REGISTRATION	29TH APR, 2014
REGISTERED OFFICE	P.O BOX 45322 WESTLANDS TELEPHONE: +2540202211153, EMAIL: INFO@OMNICORP.CO.KE COUNTY: NAIROBI, DISTRICT: NAIROBI EAST DISTRICT , LOCALITY: NAIROBI EAST STREET: HARAMBEE AVENUE, BUILDING: LR NO 209/4864
POSTAL ADDRESS	P.O BOX 45322 WESTLANDS
ENCUMBRANCES	

Name of Directors and Shareholders of the above company with their particular are as follows

NAME	DESCRIPTION	ADDRESS	NATIONALITY	SHARES
VINCENT ODHIAMBO OTIENO	DIRECTOR/SHAREHOLDER	P.O BOX 41584 G.P.O NAIROBI	KENYA	ORDINARY: 70
			TOTAL	70

Yours Faithfully,
REGISTRAR OF COMPANIES

REF NO: OS-8RF222GE

DISCLAIMER: THIS IS A SYSTEM GENERATED CERTIFICATE AND DOES NOT REQUIRE A SIGNATURE

Our registered office in Nairobi is backed by a pool of qualified engineers with extensive training and experience both inhouse and in conjunction with independent professionals having vast technical, commercial and financial management experience.

Sr. No.	Name	Qualifications		SECTOR	ROLE
	Vincent Odhiambo	B.Tech Electrical	GE (EBK)	Electrical/Transmission	Team Leader - Co-ordinator
	Susan M. Mbatha	B.Tech. Civil & Structural; MSc.	G.E (EBK)	Civil Engineering	Ass. Co-ordinator
	Eng. Patrick Simiyu	B.Sc Civil Engineering; MSc.	Msc; PE, FIEK;EIA Expert	Chairman -Consulting Engineers Kenya	Ass. Team Leader
1	Eng. Moses O. Otieno	B.Sc Civil Engineering; MSc.	R. Consulting Engineer; R.Eng (EBK), MIEK	Hydrology and hydraulics	Resident Eng.
2	Eng. Johnstone Mwathi	B.Sc. Civil Engineering; MSc.	R.Eng (EBK), MIEK	Dams Engineer	Dams Eng. RE/ARE
3	Ezra Nyakundi	B.Tech Civil & Structural Engineering; MSc., PMP	G.E., MCIarb	Planning/Contracts Management	Planning/Contract Manager
4	Eng. Bernard Masika	B.Sc. Civil Engineering; M.Sc. (Ongoing)	R.Eng (EBK), MIEK	Structural engineer	Structural/Tunnel RE/ARE
5				Tunnel Engineer	Tunnel Engineer
6	Eng. Daniel Sacho	B.Tech Civil & Structural Engineering	R.Eng (EBK), MIEK	Civil Engineer/Materials	Materials/Geotechnical RE/ARE
9				Geotechnical Engineer	Geotechnical Engineer
8	David Omondi Adede	B.Sc, Geology; MSc.	Registered Geologist. Hydrogeologist	Geologist	Geologist
10	Eng. Paul Munyao	B.Sc. Civil Engineering; M.Sc. (Ongoing)	R.Eng (EBK), MIEK	Hydrologist	Senior Hydrologist
7	Benson Kimeu	B.Sc. Survey	Registerd Surveyor at Institution of Surveyors of Kenya (ISK)	Surveyor	Senior Surveyor
11	John Oirere	B.Sc. Water and Environmental Engineering; NEBOSH (IGC), ISO training, EIA Expert	G.E, NEMA EIA/EA Expert	HSE	HSE Manager
				Senior Hydro- Mechanical Engineer	
12	Vincent Makonjio	B.Tech (Hons) Mechanical and Production Engineering	Member of the Institution of Engineers of Kenya (M.5354)	Mechanical Eng. - Turbines	
			Registered Engineer with Engineers Board of Kenya	Heavy Mechanical Eng. - gates, hoists	
13	Fredrick Ouma Ogutu	Electrical and Electronics Engineering	R.Eng (EBK)	Senior Electrical Eng.	
				Medium and high voltage electrical engineer	
				Auxilliary Electrical and mechanical services	
14	Ramogi Festus Osewe	BA(Social workand social development)		Sociologist	
				Resettlement expert	
15	Evelyn Okwach	Bsc (Enviromental Science)		Ecologist& Enviromentalist	
16	Joseph K Atwoli	•Masters of Laws (LLM) in Procurement Law, Strategy and Practice, Bangor University, UK. (completed) •Certified Procurement and Supply Professional of Kenya (CPSP-K), KISM (in progress). •Kenya School of Law, (2015). •LLB, University of Nairobi, (2008). •Kenya Certificate of Secondary Education, (2001).	Public Private Partnership (PPP) Expert THE INTERNATIONAL CENTER FOR ENERGY-PPA Master class. EUROMONEY ENERGY TRAINING -UK-PPP Contract negotiation and Strategy		legal Officer
	ASSISTANT PROFESSIONALS				
17	Donald Kipkemboi Mais	B. Sc. Civil Eng.		Quarries/ass. Geotech	
18	Kenneth Kipyegon Kigen	B.		Assistant. Civil Eng.	
19	Donald Ndiema			QA/QC civil	
20	Chrispinus Sialo	B,Sc. Electrical and Telecommunication		Assistant. Electrical/Instrumentation	
21	Brian Kinyae	B.Sc Civil Eng.		CAD	

PUBLIC PRIVATE PARTNERSHIPS PORTFOLIO

OmniCorp International limited is specialized in PPP, EPC+F, Private Equity as well as commercial / concessional loan arrangement

The Government of Kenya (GOK) has made Public Private Partnerships (PPPs) a priority mechanism that can help in the development of assets and provision of services to address the major infrastructure gaps in the country.

Omnicorp brings together world class expertise and local knowledge to ensure the successful delivery of such projects to the government as well as private sector clients.

We cover the full transaction lifecycle of the public private partnership , tailored to governments, development finance institutions and private sector clients.

AREAS OF EXPERTISE

Project Finance & Investment Due Diligence

We help to broker relationships between governments and private organisations on financing infrastructure and industrial projects.

The red tape involved with such procedures leading to the investments can be cumbersome, we take the burden off our clients by liaising with the critical stakeholders and performing varying degrees of due diligence ranging from legal, commercial to financial .

Commercial Deal Structuring

We provide a range of expert support services across the lifecycle of commercial joint ventures. The creation of a joint venture, or a merger or acquisition, requires specialist skills in assessing and navigating the complex financial, legal and tax considerations.

Our commercial deal structuring expertise includes:

Project Delivery Management

We can rapidly mobilize an integrated team of specialists and subject matter experts by drawing from our vast network of professionals working across multiple countries.

Your expert team will have the deep knowledge, experience, and foresight critical to ensuring every aspect of your project is suitably delivered.

From conception to its execution and monitoring, projects must be delivered correctly to ensure long lasting results. We have expert delivery professionals working in multi-disciplinary teams that are entirely dedicated to ensuring your business strategy is turned into a disciplined, well executed project.

We can deliver and support:

- Business case development for new projects
- Business Partnerships & Investment facilitation
- Market Analysis & Strategy Development
- Teaming Agreements and Commercial Negotiations Support
- Investment Advisory
- Strategic Business Plans
- Deal Structures
- Role Allocation
- Post Deal Implementation Planning
- Strategy setting
- Stakeholder relationships
- Risk assessments
- Project planning and design
- Resource mobilisation and financing
- Project implementation and monitoring
- Project evaluation
- Project Management Office
- Project close down

PPP PIPELINE AND ONGOING ;

- NAIROBI SMART STREET LIGHTS PROJECT (in partnership with **Sunna Design**)-initiated
- 3,000 affordable housing units in partnership with **Odessey International-**contract signed.
- Financing and construction of the proposed 45 mw waste to energy power plant **CEDC NEPC2**
- Mwala Water Pumping - Rehabilitation and Expansion Project-**ongoing**
- Finance, design, build, own and operate the High Grand falls dam -**project development agreement signed. Ground breaking in early 2024.**

PPP Project for Design, Finance, Build and Sale of 3,000 Affordable Housing Units through private financing in Bahati Estate Phase I through Joint venture with Nairobi County.
Project Developer; ODESEY INTERNATIONAL LTD
Project Facilitator and Consultant ; OMNICORP INTERNATIONAL
Project financing; Offshore + local private Funding
Contract Amount; Ksh. 10 Billion (USD 100 Million)

NAIROBI CITY COUNTY
www.nairobi.go.ke

OFFICE OF THE GOVERNOR

County Secretary and Head of County Public Service

NCC/RM/ITEM NO. 01 VOL.19/2023-2024/gm/174/2023 **20TH NOVEMBER. 2023**

M/S ODESEY INTERNATIONAL LIMITED
P.O BOX 100727-00101
NAIROBI

RE: TENDER NO: NCC/URH&BS/RFP/225/2022-2023 FOR REQUEST FOR PROPOSAL FOR DESIGN FINANCE BUILD AND SALE OF AFFORDABLE HOUSING IN BAHATI ESTATE PHASE I LOT 3 THROUGH JOINT VENTURE.

NOTIFICATION OF INTENTION TO ENTER INTO A JOINT VENTURE CONTRACT

We write to inform you that the Nairobi City County Government has concluded evaluation process for the above tender and awarded you at total cost of Kshs 10,655,663,251.00/- (Ten Billion Six Hundred Fifty- Five Million Six Hundred Sixty-Three Thousand Two Hundred Fifty-One) only and a completion period of Thirty Six (36) Months.

You are required to furnish your written acceptance and provide a Performance Bond of Kshs 29,797,265.00 from a reputable bank or authorized financial institution within 14 days from the date of this letter.

Your attention is particularly drawn to the provisions of the General Conditions of Contract and Special Conditions of Contract in respect of quality compliance, timely performance and other general and special conditions as stipulated in the quotation documents.

PATRICK ANALO AKIVAGA, Regd. Physical Planner
A.g. COUNTY SECRETARY AND HEAD OF COUNTY PUBLIC SERVICE

COPY TO
- H. E. THE GOVERNOR
  NAIROBI CITY COUNTY GOVERNMENT
- H. E. THE DEPUTY GOVERNOR
  NAIROBI CITY COUNTY GOVERNMENT
- CECM BUILT ENVIRONMENT & URBAN PLANNING
  NAIROBI CITY COUNTY GOVERNMENT

LET'S MAKE **NAIROBI** WORK

TELEPHONE: +254 725 624 489; +254 738 041 292 | EMAIL: INFO@NAIROBI.GO.KE | CITY HALL, CITY HALL WAY, P.O. BOX 30075 00100, NAIROBI, KENYA

PPP PROJECT FOR DESIGN, BUILD, FINANCE, MAINTAIN AND TRANSFER THE PROPOSED NAIROBI SMART STREET LIGHTING PROJECT
Project Developer; **SUNNA DESIGN**
Project Facilitator and Consultant ; OMNICORP INTERNATIONAL
Project financing; French Commercial Bank
Project value : USD 60 Million

The Nairobi County Government of the republic of Kenya,
ATT: The Hon. Governor, Nairobi City Hall,
City Hall Way, Nairobi, Kenya.

CC: OmniCorp International Limited,
Mr. Vincent Odhiambo,
Project representative.
+254 728116716
vincent@omnicorp.co.ke

SUNNA DESIGN
Julien CARBONEIL
Project Sales Executive Africa
+33 6 68 78 88 04
julien.carboneil@sunna-design.fr

17th January 2023

H.E **Sakaja Arthur Johnson,**

RE: EXPRESSION OF INTEREST TO DESIGN, BUILD, FINANCE, MAINTAIN AND TRANSFER THE PROPOSED NAIROBI SMART STREET LIGHTING PROJECT.

Dear Sir,

We are aware of your commitment to reduce county expenditure and improve service delivery to the 6 Million residents of Nairobi County by providing adequate infrastructure, improving night-time economy and supporting Initiatives that encourage retailers to stay open late through better security, and good lighting.

This has created an interest within our organization to support your efforts to provide an environment ideal for business scale up through Financing and development of the proposed Nairobi smart street lighting project.

Introduction

Sunna Design is the leader of solar energy management for autonomous and connected applications, with solar street lighting being our core business.
Since 2011, Sunna Design has been committed to establishing its technological leadership in the ever-changing solar street lighting market. Our research efforts, technical expertise and the quality of our services have enabled us to occupy this leadership position today. Sunna Design is the only company on the market to offer a range of robust (withstanding the most extreme temperatures from -40°C up to 70°C), durable (12 years lifetime), fully autonomous solar street lights.

This success has been achieved by more than 100,000 products installed throughout the world, particularly in North America and Africa, where the exceptional resistance of our devices to severe weather conditions has convinced our customers. Today, we impact lives of several million people. We have also forged numerous partnerships with influential local players as well as international companies such as Schneider Electric.
What makes us different? We innovate, constantly offer new solutions and continue to focus on the reliability of our products. We know that our customers are demanding and that reliability is a key factor in achieving our ambitions: to bring light to those who need it without compromising on quality and to imagine the smart, environmentally friendly and connected city of tomorrow.

Government PPP-Project framework

We are aware that the Government of Kenya has made Public Private Partnerships (PPPs) a priority mechanism that can help in the development of assets and provision of services to address the major infrastructure gaps in the country.

Status of street lighting in the county

The city is illuminated by about 60,000 streetlights that are owned by the County, although set-up by either Kenya Power, the private sector or the County itself. The street lighting footprint is comprised of a combination of High-Pressure Sodium Vapor (HPSV); Mercury Vapor (MV) lamps and Light Emitting Diodes (LED)-based streetlights. The street lighting system is spread all over the County but with a higher concentration in the Central Business District (CBD) and less density in the outlying areas.
The current energy consumption attributed to street lighting in the County is estimated at 48Million KWh per year. In addition, some of the installed streetlights do not have the consumption well accounted through metering by Kenya Power. This is due to some circuits having either 'inaccessible' meters or are just not in

CEEC NEPC II ENERGY CHINA
中国能源建设集团东北电力第二工程有限公司
China Energy Engineering Group Northeast No.2 Electric Power Construction Co.,Ltd.

The Nairobi County Government of the republic of Kenya,
ATT: The Hon. Governor, H.E **Sakaja Arthur Johnson,**
Nairobi City Hall,
City Hall Way, Nairobi, Kenya.

CC; The Managing Director & CEO,
Kenya Electricity Generating Company PLC
KenGen Pension Plaza
Address: P. O. Box 47936, 00100,
Nairobi

CC: OmniCorp International Limited,
Mr. Vincent Odhiambo,
Project representative.
+254,728116716, vincent@omnicorp.co.ke,

13th September 2022

RE: EXPRESSION OF INTEREST TO UNDERTAKE PROJECT FINANCING AND CONSTRUCTION OF THE PROPOSED 45 MW WASTE TO ENERGY POWER PLANT

Dear Sir,

We are aware of your commitment to aggregate and sort out waste management in the county through providing adequate infrastructure for waste disposal and turning the waste management into opportunities such as renewable power-generating from solid waste to provide electricity to homes and businesses.

This has created an interest within our Energy Engineering group and a desire to support your efforts through the Establishment of **a 45 MW waste to energy power plant** at the Ruai sewerage treatment plant site.

We, **International Engineering Company China Energy Engineering Group**(CEEC NEPC II) would like to express our interest to undertake the Engineering, Procurement, Construction and Financing assistance for the proposed 45 MW waste to energy power plant at the Ruai sewerage treatment plant site.

CEEC NEPC II is a state-owned enterprise affiliated with the energy engineering group, China Energy Engineering Group Limited, an industry leader in both the domestic and international energy industry. CEEC NEPC II is a company with high quality standards in energy engineering and high performance in the execution of projects, continuous improvement is our lasting belief, strengthening the company is

our firm goal and creating exceptional added value for our customers is our constant pursuit.

大连市沙河口区黄浦路355号
No.355,HuangPuRoad,Shahekou District,Dalian P.R.China
Tel:+86-411-84752188 Fax:+86-411-84752100

MACHAKOS COUNTY SOLARISATION OF WATER SUPPLY STATIONS.

Project Name:	**Mwala Water Pumping - Rehabilitation and Expansion Project**
Document Type	**Privately Initiated Investment Proposal-(PIIP)** **As per the PPP Act-Republic of Kenya**
Contracting Authority:	**MWALA WATER SERVICE COMPANY (MWAWASCO)**
Project Type	• **Solarization and Rehabilitation of Existing Drinking Water pumping system and Distribution Infrastructure,** • **Expansion for irrigation, environmental rehabilitation.** • **Electric Mobility**
Funding Type	**PPP**
Operation Period	**25 Years**
Project Location:	**Mwala, Machakos County**
Project Duration	**Construction period -2 years** **Operations and maintenance period -25 years**
Document Type	**Privately Initiated Investment Proposal- [PIP], as per the PPP Act**
Estimated Project Cost:	**USD 6,503,000.00**
Beneficiary	**Government and the people of Kenya**

DATE: 02/05/2023

REF: WAT/01

The C.E.C,
Lands, Urban Development, Housing and Energy,
County government of Machakos,
P.O. BOX 1996-90100,
Machakos, Kenya

Attn: Hon. Philip Mutua Kilonzo,

RE; LETTER OF INTENT FOR REHABILITATION, SOLARISATION, EXPANSION, OPERATION OF 3 NO. EXISTING WATER SUPPLY SYSTEMS IN MWALA AND MASINGA FOR DOMESTIC AND IRRIGATION USE.

Dear Sir,

OMNICORP INTERNATIONAL LIMITED is a Kenyan based Consultancy Firm specialized in the Financing and development of social impact projects in water and renewable energy sectors. Our primary focus is in Solar PV Plants, water supply and Home Bio-gas systems for cooking, heating and lighting.

SUNSPOT ENERGY COMPANY LTD is a reputable EPC and O&M company with a wide solar power projects portfolio. With a strong in-house engineering/technical capability and responsiveness to customer needs, SUNSPOT utilizes the latest solar PV technology (grid-tie, off-grid, hybrid) to provide access to affordable clean energy to Commercial, residential Clients and communities.

OMNICORP and SUNSPOT ENERGY have come together in a consortium to Implement Productive Use of Energy (PUE) projects, with a special focus on agricultural value chain applications such as solar mini-grids, water pumping, Mini-dairies, cold rooms, electric motorcycles and solar dryers. The consortium has combined extensive experience and qualified professionals in projects/climate finance, renewable energy, water and irrigation, general engineering, innovation and technology.

Mbiuni, Kilembwa (Wamunyu) and Kibauni Domestic Water Supply Systems in Mwala Sub-County serve a population of >70,000 people. These systems are situated along River Athi, which is the second biggest in Kenya. The water supply systems have however not been operational for 1-5 years as they are financially unsustainable. Main challenges highlighted include inability to pay for KPLC electricity bills, which has resulted to disconnection of power, maintenance challenges, unaccounted

CONSULTANCY ; DAMS AND WATER SUPPLY

PROJECT	Works Undertaken
THWAKE MULTIPURPOSE DAM **Project description:** The project comprises a 80 m high concrete faced rock fill dam with side spillway, a power station with installed capacity of 19.6 MW, a substation and a 52km long power transmission line. It is located about 150 km South East of Nairobi. **Project salient features:** ▪ Dam type: Concrete Faced Rockfill Dam ▪ Height: 80m ▪ Reservoir volume: 688MCM ▪ Hydropower Capacity: 19.6MW	**Salient features:** ▪ Review and Design clarifications on the 80m high concrete faced rockfill dam Wall, Diversion Tunnels over 1.6km long, Ungated spillway. Intake structures for domestic water supply, Power generation and irrigation. ▪ Review of the contract document, correspondences and other contractual communications to do with the project. ▪ Overseeing quality controls including accessing materials, supplier factory inspections, on site testing and approvals ▪ Review of the Contractors designs ▪ Site supervision management among other duties as may be allocated by the Senior Resident Engineer ▪ Interpretation of design drawings. ▪ Overseeing compliance to the design grades, lines levels ▪ Time controls by project tracking, review of contractor's progress reports, and other submissions ▪ Generation of consultant-based variation orders, review of Contractors variation orders ▪ Evaluation of payment certificate, measurements related reviews ▪ Geological drawings interpretations, making decisions on support requirements for underground excavations (tunnelling) ▪ Overseeing instrumentation for dams, tunnels and Spillway ▪ Knowledge transfer to 35 graduate and higher diploma personnel ▪ CAD design training for seep w software, Ro science slide, wedge among others. ▪ Onsite slope stability checks and support works supervision
EMBANKMENT DAMS	**Salient features:** ▪ Proposals on Embankment dams (CFRD, Earthfill, Rockfill) –Kenya, Uganda, Malawi; ▪ Dam heightening Proposals – Malawi; ▪ Feasibility and tender designs of mini Hydropower plants-Kenya, Uganda; ▪ Proposals on design and supervision of Concrete Gravity dams- Uganda. ▪ Design and Construction Supervision of Dams –Kenya, Zambia, Ethiopia; ▪ Technical due diligence of Dam infrastructure- Uganda, Nigeria; ▪ Technical assessment of Dams and hydropower Plants – Uganda; ▪ Irrigation Weir Designs and Construction Supervision – Ethiopia; ▪ Dam Break Analysis & Inundation areas demarcation –Mauritius; ▪ Design and construction supervision of water and sanitation facilities – Kenya **Activities performed:** ▪ Preparation of the project execution Methodology;

	▪ Preparation of Financial Proposals ensuring require company profit margins; ▪ Negotiating with external personnel on behave of the employer for competitive rates; ▪ Over all preparation of other technical proposal forms as required by RFPs or standard employer forms, binding packaging and managing delivery.
OLOITOKITOK WATER AND SANITATION PROJECT	**Project description:** Waste Water Treatment works, Trunk sewers, Primary & Secondary Sewers, Water Rising mains, Pump station, PV Power Supply **Project salient features:** **Waste Water** ▪ WWTP Capacity: 4000m^3/day ▪ Diameter of pipes (Trunk Sewers): PCC 375mm, 450mm Diameter, ▪ Other sewer lines 300mm Dia. Upvc. ▪ Man Holes and inspection Chambers ▪ Pipe Types : Concrete/UPVC **Water Supply** ▪ 300m static head Rising Main ▪ Pump House (fulcrum system- Solar PV power and main grid electricity supply) ▪ Solar farm (250W panels 2700 number = 675kw) ▪ Rising main pipe: Galvanised Iron 300mm Dia. **Activities performed:** ▪ Preparation of sewage mater plan for Oloitokitok and Illasit towns ▪ Design of sewer Trunk main /other sewer lines ▪ Design of sewage Treatment works ▪ Review of water demands ▪ Design of pump house, Pump sizing and rising main 7km long 320m rise ▪ Design of water distribution network ▪ Preparation of reports (inception , design and tender documents) ▪ Preparation of alternative energy sources report involving solar, wind and hydro power **Software used:** ▪ AutoCAD Civil 3D ▪ MS office excel Templates ▪ Sewer Cad ▪ AutoCAD
MWALA, WOTE AND AMBOSELI WATER SUPPLY	**Project salient features:** **Amboseli:** ▪ Flow: 500m^3/day ▪ 21km Rising main, Diameter of pipes: 150mm Upvc ▪ Masonry Tanks Storage volume: 4no. 100m^3, and 1no. 150m^3 ▪ 10 km Gravity Main. **Wote** ▪ Concrete sand dam Weir: 60m long 3m high ▪ 400m^3 sub surface Infiltration Sump ▪ 6.25km Galvanized Iron rising main, static head of 142m ▪ Side chamber for Submersible pump installation ▪ Masonry Tank: 150m^3

	Mwala ▪ Design of 580m long raw water mains ▪ Design of water treatment works (flocculation, Sedimentation, Filtration) of 5,000m³/day ▪ Design of 44.8km Gravity water supply main (400mm dia HDPE) ▪ Deign of pump house and 50m high lift pumps for a 3.2km rising main, **Activities performed:** ▪ Review of existing water supply documentation ▪ Intake works design and siting ▪ Preparation of bills of quantities/Engineers Estimates; ▪ Project economic analysis ▪ Design of water Storage tanks. ▪ Carrying out Energy Audit for an existing Water Supply system. **Software used:** ▪ Pipe Flow Expert ▪ Epanet ▪ AutoCAD – Civil 3D ▪ AutoCAD – 2014
NYALANI DAM	**Project description:** 30,000m Earth fill Embankment, Side Channel Spillway, Diversion Culvert, Foundation Grouting **Project salient features:** ▪ Dam type: Earth fill Embankment ▪ Height: 8m ▪ Crest Length 300m ▪ Reservoir volume: 835,000m^3 ▪ 45m long Diversion box Culvert (2x2m internal dimensions) ▪ Spillway type: Side channel Spillway 160m ▪ Overflow Ogee Weir – 45m long ▪ Design Flood:205m^3/sec (1:10,000) ▪ Catchment Area : 354km^2 **Activities performed:** ▪ Undertake reviews of designs and bills of quantities; ▪ Prepare project implementation plans and/or review and advise on plans submitted by the Contractor; ▪ Ensure that works are carried out in full compliance with contracts, specifications, and drawings; ▪ Undertake measurement of site works in support of Contractor payment requests; ▪ Prepare reports, as required by the Supervisor and/or Project Engineers Representative; ▪ Overseeing technical aspects of contracts and provide guidance to the Contractors/Sub contractors where required; ▪ Preparation of meeting agendas with the Contractors; ▪ Preparation of project coordination meeting minutes for approval; ▪ Responsible for the issuance of meeting minutes and all other documentation to relevant government agencies (liaison); ▪ Evaluate and contribute to design and structural details. Specifications of

	materials and standards for the construction of infrastructure; ▪ Supervise and guide other technical and non-technical staff member at the supervision office (RE's Office) ▪ Assist in the supervision of external engineering consultants commissioned to support designs works for construction; ▪ Ensure that Operational Health & Safety standards, and other relevant standards, are enforced on site; ▪ Responsible for site monitoring and oversight of assigned implementation works; ▪ Produce draft contractor Instructions for signature by the Employer or the Employer's Representative as stipulated in the FIDIC contracts; ▪ Managing budgets and project resources ▪ Maintain project related documentation, mainly: • Payment register • Variations register • Site safety inspection register • Site diary • Instructions to contractor register • Drawings register • Visitor register • Sample approval register • Concrete test register • Progress Photos • Progress and completion reports • Daily Weather report (Rainfall, temperatures, evaporation)
TOT KOLOWA IRRIGATION SCHEME	**Project description:** 200 acres Springer irrigation Scheme **Project salient features:** ▪ Source : Spring water ▪ Gravity supply Main: 400mm GI pipe ▪ Primary scheme supply lines : HDPE 160mm Dia ▪ Secondary lines: 63mm Upvc. **Activities performed:** ▪ Leading teams of other engineers; ▪ Analyze survey reports, maps, drawings, blueprints, aerial photography, and other topographical or geologic data; ▪ Undertaking technical and feasibility studies including site investigations; ▪ Using a range of computer packages for developing detailed designs (CIVIL 3D, AutoCAD, Epanet 2 etc.); ▪ Compiling job specs and supervising tendering procedures; ▪ Undertaking complex and repetitive calculations; ▪ Evaluation of civil design and structural details; ▪ Bid documentation and participation in subsequent bid analysis ▪ Specifications of materials and standards for the construction of infrastructure; ▪ Prepare and/or check Bills of Quantities for errors and omissions. **Software used:** ▪ Epanet ▪ Pipe flow expert

	▪ AutoCAD
CHESIRIMION DAM	**Project description:** Construction of Rock fill/Earth Core Embankment Dam, Spillway, Diversion Culvert, Supply Pipeline. **Project salient features:** ▪ Dam type: Rock fill/Earth Core Embankment Dam ▪ Height: 12m ▪ Reservoir volume: 215,000 **Activities performed:** ▪ Control and Inspection of the Works; ▪ Inspection and approval of Materials and Testing; ▪ Monitoring of Programme and Progress; ▪ Conducting Measurement of work done by the Contractor; ▪ Receiving and approval of Contractors requests for construction of various permanent Works; ▪ Keeping Records of all site activities, weather, accidents, materials, testing etc; ▪ Preparation of weekly, monthly and other Reports; ▪ Preparation and issuing of instructions to the Contractor ; ▪ Evaluation of Contractors Claims; ▪ Project financial Control (raising of variation orders, financial evaluation of certificates, etc); ▪ Instilling of Safety measures on site; ▪ Administration of site RE's staff; ▪ General administration of construction works as per Design drawings and specifications. **Software used:** ▪ AUTO CAD ▪ Epanet ▪ GeoSlope ▪ Rocscience Slide
	Name of assignment or project: Design of Chesirimion Dam 2 **Approx. Value of the Contract in USD: 0.35million** **Project description:** Design of Rock fill/Earth core Embankment Dam **Project salient features:** ▪ Dam type: Rock fill/Earth core Embankment Dam ▪ Height: 12m ▪ Reservoir volume: 215,000 ▪ Crest length 150m ▪ Spillway: side spillway Channel 120m long ▪ Concrete box diversion culvert 1.5*1.5m internally ▪ Spillway design flood 45^3m/sec (1/500 year return) **Position held:** Assistant Engineer **Activities performed:** ▪ Hydraulic/hydrological design of diversion works; ▪ Structural design of diversion works; ▪ Preparation of bills of quantities; ▪ Production of design drawings; ▪ Finite element analysis of diversion works using computer aided Design CAD; ▪ Stability analysis of dam embankment; ▪ Preparation of tender documents and specifications.

	Software used: ▪ Excel templates ▪ AUTO CAD ▪ Epanet ▪ GeoSlope ▪ Rocscience Slide
THIBA DAM,MWEA IRRIGATION SCHEME	**Project description:** Design of Rockfil/Earth core Embankment Dam, Irrigation Intake works, Spillway Hydraulic and Structural Design. **Project salient features:** ▪ Dam type: rockfill/Earth Embankment Dam ▪ Height: 32m ▪ Reservoir volume: 13MCM ▪ Spillway: side spillway Channel ▪ Spillway Ogee weir Crest:68m long ▪ Irrigation lines Intake tower 35m tall ▪ Track racks ▪ **Activities performed:** ▪ Hydraulic/hydrological design of diversion works ▪ Structural design of diversion works ▪ Preparation of bills of quantities. ▪ Production of design drawings sketches ▪ Supervision of production of design Drawings ▪ Finite element analysis of diversion works using computer aided Design CAD **Software used:** ▪ Ms office excel ▪ AutoCAD ▪ Geoslope
WATER SUPPLY AND SEWERAGE WORKS - THIKA GREENS LTD	**Project description:** Design and supervision of Water supply and sewerage works: Water Distribution lines, Storage Tanks, Trunk mains and Waste water treatment works. Recreational Dam Design **Project salient features:** **Water Supply** ▪ Diameter of the pipe: 160mm HDPE ▪ Length of distribution works: 18km ▪ Storage volume: 5no Steel Elevated tanks 150m cubic ▪ Tank Tower heights: 10-18m ▪ (homogeneous) Earth embankment Dam 7m high ▪ Dam Storage: 214,000m^3 ▪ Crest length 200m **Waste water** ▪ Trunk Sewer 300mm uPVC ▪ Primary and secondary Sewers 250mm uPVC ▪ WWTP- Bio reactor system **Activities performed:**

	▪ Estimation of water demand for the residential area ▪ Design of water distribution system using EPANET 2 ▪ Preparation of bills of quantities for the resulting pipelines ▪ Design of sewer lines and Treatment works sizing and Drawing generation ▪ Design of 7m high dam for recreation and irrigation of Golf course Grass. ▪ Primary, Secondary and trunk sewer Sizing. **Software used:** ▪ EPANET 2 ▪ Pipe Flow Expert ▪ Sewer cad
UMAA DAM AND WATER SUPPLY	**Project description:** Construction supervision of 28m high dam, treatment works, raw/rising main and storage tanks **Project salient features:** ▪ Dam type: Earth Embankment Dam ▪ Height: 28m ▪ Reservoir volume: 870,000m^3 ▪ 2500m^3/day Water Treatment works **Position held:** Assistant Resident Engineer **Activities performed:** ▪ Preparation of setting out data ▪ Interpretation of construction Drawings ▪ Verification of pipes and fittings with the required standards ▪ Running contractual works based on specifications and FIDIC ▪ Advising contractor on safety of works and environmental standards ▪ Holding site meetings (Secretary) ▪ Coordinating on material tests, and results analysis ▪ Keeping and preparing progress of works reports ▪ Quality control on works and materials ▪ Standing in for the resident engineer ▪ Preparation and issuing of site instructions **Software used:** ▪ Autocad ▪ Epanet
YATTA WATER SUPPLY PROJECT	**Project description:** Design of water treatment works, water distribution system, sewerage works for Kithimani and Matuu towns **Project salient features:** ▪ Raw water -Diameter of the pipe: 200mm Dia GI pipe ▪ Raw water –main 200m long ▪ Length of distribution works: 35km ▪ Sewers 24km system ▪ Trunk sewers: 8km **Position held:** Assistant Water Engineer **Activities performed:** ▪ Collection of design initial data (demographic, water quality tests, river gauging data etc.) ▪ Calculation of population projections and water demands

	▪ Sitting and selection of water distribution lines ▪ Design of the water distribution System using Epanet2 ▪ Preparation of BOQs and tender documents ▪ Preparation of design drawings/ layouts for the water supply and sewerage system and Design of the sewage system.
WORLD VISION TARU ADP WATER AND SANITATION FEASIBILITY STUDY	**Project description:** Preparation of Feasibility report on possible water supply Options **Project salient features:** ▪ Water Sources: Water pans, springs, boreholes ▪ Study area : 20km Square **Activities performed:** ▪ Ground data collection on existing water sources and available/undeveloped sources ▪ Water demand calculations ▪ Preparation of Report and recommendations ▪ Visit on ground and noting of existing challenges **Software used:** ▪ Ms word ▪ Ms Excel
KISERIAN DAM &WATER SUPPLY	**Project description:** Construction supervision of 18m high dam, treatment works, raw/rising main and storage tanks **Project salient features:** ▪ Dam type: Earth Embankment dam ▪ Height: 18m ▪ Reservoir volume: 1.25MCM ▪ Rising main : 450mm epoxy coated Steel pipe ▪ Storage tank: 10m elevated steel tank 450m^3 ▪ 15,700m^3/day Water treatment works ▪ Pump house **Activities performed:** ▪ Preparation of setting out data ▪ Interpretation of construction Drawings ▪ Verification of pipes and fittings with the required standards ▪ Standing in for the resident engineer ▪
MWACHE DAM	**Project description:** Design of 50m high Earth Embankment dam, Foundation Grouting works and Water Treatment Works **Project salient features:** ▪ Dam type: Earth Embankment dam ▪ Height: 50m ▪ Reservoir volume: 118mcm **Activities performed:** ▪ Office review and site selection study ▪ Dam height and storage capacity requirements analysis.

	▪ Design of dam embankment ▪ Stability analysis of embankment wall using Slope/W software from Geo-slope International from Canada and PROKON design software ▪ Using GMS (ground water modeling system) to develop flow nets for dam seepage

EPC PROJECTS;

OMNICORP RURAL ELECTRIFICATION EXPERIENCE

THE LAST MILE ELECTRIFICATION PROJECT

The Last Mile Project is a Government of Kenya programme that is aimed at facilitating the objective of affordably connecting Kenyan households to the national network grid. This is geared towards achieving a national connectivity rate of 70% by 2017 as part of the government's goal of universal access to electricity

The first phase was the maximisation phase which involved connecting households lying within 600 metres of earmarked transformers to the national grid. During this particular phase of the project, the low-voltage network and service cables were extended to reach these households. This phase covered 314,200 households or 1.5 million Kenyans.

The second and third phases involve the maximization of additional transformers, installing new transformers, and extending the low-voltage network to connect more Kenyans. Under these phases, Kenya Power targets to connect 500,000 households which will in effect add 2.5 million Kenyans to the national grid.

On August 6th 2021, OmniCorp signed a subcontracting agreement to work with Wayne Homes limited for Supply and Installation of 11kv and 33kv lines, associated transformers and low voltage network in lower eastern and coast region of Kenya under LOT 5. The project covered the counties of: KITUI, MAKUENI, TAITA TAVETA, KWALE, KILIFI AND TANA RIVER. All our sites were successfully commissioned and handed over within the one-year contract period.

iii) Hole digging should be guided by the design provided and the pegging on the ground
iv) Poles will be positioned, erected and backfilled and compacted to ensure that they are sturdy.
v) Dressing and stringing of poles
vi) Customer meter connection
vii) No damages to the direct environment.
viii) At all times follow best engineering practice.
ix) Observe Health and Safety practices and provide their teams with Protective Personal Equipment
x) The route length of conductor to a customer must not exceed 600meters from the transformer.
xi) DO NOT CHARGE THE CUSTOMER!!! Subcontractor will not charge or receive money or gifts in kind from any customer for works done. Utmost integrity must be applied at all times.
xii) Minimum production rate of 30 concrete poles per day or 80 wooden poles per day.

Signed by:

CONTRACTOR:

WAYNE HOMES KENYA LIMITED

WAYNE HOMES KENYA LTD
Date:
TEL. 020-2445888
P.O. Box 51107 - 00100 NAIROBI

SUBCONTRACTOR:

OMNICORP INTERNATIONAL LIMITED

OMNICORP INTERNATIONAL LIMITED
P.O. Box 45322-00800 NAIROBI

NAME; **GEORGE ONYANGO LIEWA**

CAPACITY; **Managing Director**

DATED; 6/8/2021

WITNESS BY: CLARKSON OMUTA

NAME; **VINCENT ODHIAMBO**

CAPACITY; **Managing Director**

DATED: 6/8/2021

WITNESS BY: EVANS OMONDI

Specifications and Drawings

The Subcontractor shall execute the basic and detailed design and the engineering work in compliance with the provisions of the Contract, or where not so specified, in accordance with good engineering practice.

The Contractor shall be responsible for any discrepancies, errors or omissions in the specifications, drawings and other technical documents that it has prepared, whether such specifications, drawings and other documents have been approved by the Project Manager or not, provided that such discrepancies, errors or omissions are not because of inaccurate information furnished in writing to the Contractor by or on behalf of the Employer.

WAYNE HOMES KENYA LTD.

Together we'll get a good shelter

Registered Valuers, Management & Real Estate Consultants

TO WHOM IT MAY CONCERN

Ref; ICB NO. REA/DF/2015-2016/28

Dear Sir/ Madam

29/08/2022

RE; RECOMMENDATION LETTER- OMNICORP INTERNATIONAL LIMITED.

This is to confirm that **M/S OMNICORP INTERNATIONAL LIMITED** of P.O BOX 45322-00800, Nairobi was awarded a contract for **Supply and Installation of 11kv and 33kv lines, associated transformers and low voltage network in lower eastern and coast region of Kenya under LOT 5.**

CLIENT: RURAL ELECTRIFICATION AND RENEWABLE ENERGY CORPORATION
COUNTIES: KITUI, MAKUENI, TAITA TAVETA, KWALE, KILIFI AND TANA RIVER

The above named offered our company the following services;

- Construction of 11KV and 33KV lines
- Construction of 3 phase medium voltage lines
- Construction of low voltage overhead lines
- Transformer installation works
- Termination of service cables
- Connection of Energy meters

In all the sites done, the works have been completed to the satisfaction of the client and ourselves.

M/S OMNICORP INTERNATIONAL LIMITED discharged their obligation and responsibilities with integrity, commitment and a high level of competence and we would recommend them to anyone seeking the services of Electrical Engineering Contractor.

Yours Faithfully,

WAYNE HOMES KENYA LTD. Date:..... TEL. 020-2445888 P.O. Box 51107 - 00100 NAIROBI

George Onyango Liewa
MANAGING DIRECTOR

Talbot Court, Suite 1 Westlands Avenue, Off David Oseli Road.
P.O. Box 51107-00100 Nairobi.Tel: 020-240 2440, 020-244 5666, 0702 892606
Email: info@wayneskenya.co.ke, Website: www.wayneskenya.co.ke

OMNICORP SOLAR MINI GRID PROJECT FOR UNDER SERVED COMMUNITIES.

The Kenya Off-Grid Solar Access Project (KOSAP) is a flagship project of the Ministry of Energy, financed by the World Bank, aimed at providing electricity and clean cooking solutions in the remote, low density, and traditionally underserved areas of the country.

The project is part of the government's commitment to provide universal access to electricity in Kenya and create the impetus for growth in achieving Vision 2030.

The project aims to deliver 250,000 stand-alone solar home systems and higher-tier clean cooking solutions to 150,000 households

The main KOSAP components are;

- Mini-grids for Community Facilities, Enterprises and Households (Component 1)
- Stand-alone Solar Systems (component 2)
- Solar Water Pumps for Community Facilities (Component 3)
- Implementation Support and Capacity Building (Component 4)

Kenya Power and Lighting Co. (KPLC) and the Rural Electrification and Renewable Energy Corporation (REREC) are the implementing agencies.

OmniCorp International limited in partnership with the Chinese firms KYANITE Construction Company and Tianjin Ruituo JV have been selected competitively by Kenya Power and Lighting, under the KOSAP tender to carry out the Design, Supply, Installation and Commissioning of Stand Alone Solar Photovoltaic Systems with Battery Energy Storage for underserved Community Facilities in Kenya with 7 Years O&M Services .

The regions selected as below;

KP1/6A.1/PT/2/21/A76 Lot 7: Design, Supply, Installation and Commissioning of Stand Alone Solar Photovoltaic Systems with Battery Energy Storage for Community Facilities in Garissa County in Kenya with 7 Years O&M Services

KP1/6A.1/PT/2/21/A76 Lot 8: Design, Supply, Installation and Commissioning of Stand Alone Solar Photovoltaic Systems with Battery Energy Storage for Community Facilities in Lamu County in Kenya with 7 Years O&M Services

KP1/6A.1/PT/2/21/A76 Lot 10: Design, Supply, Installation and Commissioning of Stand Alone Solar Photovoltaic Systems with Battery Energy Storage for Community Facilities in Kilifi, Kwale and Taita Taveta Counties in Kenya with 7 Years O&M Services

KP1/6A.1/PT/2/21/A76 Lot 11: Design, Supply, Installation and Commissioning of Stand Alone Solar Photovoltaic Systems with Battery Energy Storage for Community Facilities in Narok County in Kenya with 7 Years O&M Services

The project is in the advanced stages of award and contract Signing.

KYANITE CONSTRUCTION COMPANY LIMITED

PARTNERSHIP AGREEMENT FOR THE IMPLEMENTATION OF STAND ALONE SOLAR PHOTOVOLTAIC SYSTEMS WITH BATTERY ENERGY STORAGE FOR COMMUNITY FACILITIES.

This Partnership agreement is formed between;

KYANITE CONSTRUCTION COMPANY LIMITED a company duly organized and existing under the laws of Republic of Kenya and having its head office at P.O. BOX 49325-00100 NAIROBI KENYA.

In a joint venture with

TIANJIN RUITUO ELECTRONIC DEVELOPMENT COMPANY LIMITED a company duly organized and existing under the laws of Republic of China and having its head office at NO.5 LANYUAN ROAD, HUAYUAN INDUSTRY DEVELOPMENT GARDEN TIANJIN.

and

OMNICORP INTERNATIONAL LIMITED a company duly organized and existing under the laws of Republic of Kenya and having its registered office at HARAMBEE AVENUE PLOT NO. 4864. P.O. BOX 45322-00800, NAIROBI, KENYA.

For the purposes of implementation of the contract for **Design, Supply, Installation and Commissioning of Stand Alone Solar Photovoltaic Systems with Battery Energy Storage for underserved Community Facilities in Kenya with 7 Years O&M Services**

The Parties have agreed to pool their complementary capabilities and recognize the efficiency of teaming and wish to work together for the purpose of ensuring the efficient execution of the KOSAP Project.

Whereas KYANITE CONSTRUCTION COMPANY LIMITED/TIANJIN RUITUO ELECTRONIC DEVELOPMENT COMPANY LIMITED JOINT VENTURE hereafter referred to as "KYANITE/TIANJIN RUITUO JV" with contact person being Mr. Qin Chao, hereby nominate MS/OMNICORP INTERNATIONAL LIMITED as the implementation partner to carry out the works as awarded by Kenya Power and lighting company under the KOSAP initiative. The scope and areas as below;

KP1/6A.1/PT/2/21/A76 Lot 7: Design, Supply, Installation and Commissioning of Stand Alone Solar Photovoltaic Systems with Battery Energy Storage for Community Facilities in Garissa County in Kenya with 7 Years O&M Services

KP1/6A.1/PT/2/21/A76 Lot 8: Design, Supply, Installation and Commissioning of Stand Alone Solar Photovoltaic Systems with Battery Energy Storage for Community Facilities in Lamu County in Kenya with 7 Years O&M Services

KP1/6A.1/PT/2/21/A76 Lot 10: Design, Supply, Installation and Commissioning of Stand Alone Solar Photovoltaic Systems with Battery Energy Storage for Community Facilities in Kilifi, Kwale and Taita Taveta Counties in Kenya with 7 Years O&M Services

KP1/6A.1/PT/2/21/A76 Lot 11: Design, Supply, Installation and Commissioning of Stand Alone Solar Photovoltaic Systems with Battery Energy Storage for Community Facilities in Narok County in Kenya with 7 Years O&M Services

SIGNED on behalf of the said :

OMNICORP INTERNATIONAL LIMITED

NAME: **VINCENT ODHIAMBO**

SIGNATURE:

QUALIFICATION: **DIRECTOR**

DATE; 17/10/2022

OMNICORP INTERNATIONAL LIMITED
P.O. Box 45322 - 00800, NAIROBI

WITNESSED BY

NAME: **Evans Omondi**

SIGNATURE: :.....

CONSULTANT

SIGNED on behalf of the said:

JV of Kyanite Construction Co., Ltd and

Tianjin Ruituo Electronic Development Co., Ltd

NAME: **MR. WANG SHUANG**

SIGNATURE: :..... 17/10/2022

QUALIFICATION: **DIRECTOR**

KYANITE CONSTRUCTION COMPANY
LIMITED
P.O. Box 49325 - 00100
NAIROBI

WITNESSED BY

NAME:.....

SIGNATURE: :.....

DATE; 17/10/2022

CLIENT

KYANITE

OmniCorp International Limited SOLAR PROJECTS

BACKGROUND

Rising costs of electricity, need for reliable power supply and environmental concerns have led to a rising demand for alternative sources of energy.
Our dream is to provide reliable, affordable and environmentally friendly source of energy. We endeavor to walk this path of protecting the future with passion, recruit more partners, and attract more participants.

OmniCorp is owned by all those who share in the vision of a sustainable future with the guidance of reputable professionals in the field of renewable energy systems design, project management, energy audit, project financing and on site execution.

WHY CHOOSE SOLAR?

What are the benefits of a solar system?

- **Solar Power can save you money** – Every kW/h of electricity you can use from your solar system is a kW/h of electricity you do not have to buy from your electricity company.
- **Energy Independence and Reliability** – This reduces your reliance on the electricity grid and electricity retailers, and shields you from the negative effects of blackouts.
- **Environmental Benefits** – Reduction in CO2 emissions from fossil fuels which cause global warming and climate change.
- **Property Value** – Property with solar systems will greatly reduce electricity costs
- **Improved Quality of life** – For rural communities unserved with electricity

1 Installation of a 75kwp roof mounted Solar Hybrid system at Westridge International School, Thika Greens

System Description

The project entailed development of a roof mounted solar hybrid system with 69kWh battery bank for a school in Thika.
System will power daily school operations, swimming pool heating and water pumping activities.

Our Tasks

SUNSPOT ENERGY carried out Engineering Design, Procurement, Installation and is currently undertaking system monitoring and maintenance.

System Specs

Modules: JA Solar Polymodules **Inverters:** SMA Sunny Tri-power, and Sunny Island **Batteries:** Hoppecke OPZS

Client

Westridge International School **Contact:** Rosemary Waweru, Project Coordinator **Phone:** +254 723 918 462

2 Installation of a 22kWp, roof mounted Solar Hybrid system with 38.6kWp battery bank in Karen, Nairobi

System Description

The project entailed development of 22kWp roof mounted Solar PV system and 38.6kWh battery bank for a home. System to power household operations, swimming pool heating and circulation and other heated pools.

Our Tasks

SUNSPOT ENERGY CO. was contracted to carry out Engineering Design, Procurement, Installation and maintenance for a period of 1 year.

System Specs

Modules: Jinko Solar **Inverters:** SMA Sunny Island and SMA Sunny Boy **Batteries:** Hoppecke Opsz

Client

Mr. Lual Deng **Phone:** +.+254 796 827 349

3 Installation of 18Kw grid tie system for German school, Nairobi

System Description

The project entailed installation of roof mounted system to power lifts and all common areas.

Our Tasks

SUNSPOT ENERGY undertook the following tasks; Solar modules mounting, DC and AC electrical work, networking, commissioning and maintenance services.

4 Installation of a 98.7Kw roof mount grid-tie system at the College of insurance (COI)

System Description

Grid tied solar system for a hotel for the college of Insurance, Nairobi..

Our Tasks

Solar modules mounting, DC and AC electrical work, networking, commissioning and maintenance services.

5 Installation of a 80kw ground mounted solar hybrid system at St. Camillus Hospital, Homabay

System Description

Solar Hybrid system to power a Catholic Mission hospital in Homabay County.

Our Tasks

- Fabrication and erection of ground mounted steel support structure
- Solar modules mounting, DC and AC electrical work, energy storage, networking, commissioning and maintenace services.

6 Juja Farm, Off-grid Solar Pv System

System Description

Installation of 22kW, 19kWh off-grid solar PV system for water pumping, and house hold consumption in juja

Tasks

Design, Procurement, Installation and Maintenance of the solar power system.

7 Installation of a 60kw roof mounted grid-tie system, Reinsurance Plaza, Nairobi

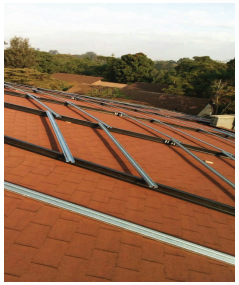
System Description

The project entailed installation of roof mounted system to power lifts and all common areas.

Our Tasks

we undertook the following tasks; Solar modules mounting, DC and AC electrical work, networking, commissioning and maintenance services.

8 Installation of a 150kw roof mounted grid-tie system in Nairobi



System Description

The project entailed development of roof mounted system for the social hall area, school workshop and school residential units - International school of Kenya.

Our Tasks - we undertook the following tasks;

- Laying and fixing of the structural steel support, fabrication and installation of the walkways.
- Solar modules mounting, DC and AC electrical work, networking, commissioning and maintenance services.

Projects

9 Construction/Installation of a 148kw grid – tie system in Laikipia County





System Description

The project entailed development of 2 solar carports (100kw) and a ground mount system with a capacity of 48KWp for a Holiday residence in Nanyuki County.

Our Tasks

- Procurement, fabrication and erection of steel support structures for the carport and ground mounted solar system.
- Panels mounting, electrical works.
- System networking/configuration, testing and commissioning.

Projects

10 Installation of a 24kw roof mounted grid-tie system in Nairobi

System Description

The project entailed development of a roof mounted grid-tie system for an office block in Nairobi, parklands.

Our Tasks

OmniCorp in a Joint Venture undertook to:

- Mounting of the PV modules, inverters, cabling, stringing and networking, commissioning and deploying a monitoring system.

11 115kw grid tied system at Rosslyn School in Nairobi and school lighting

System Description

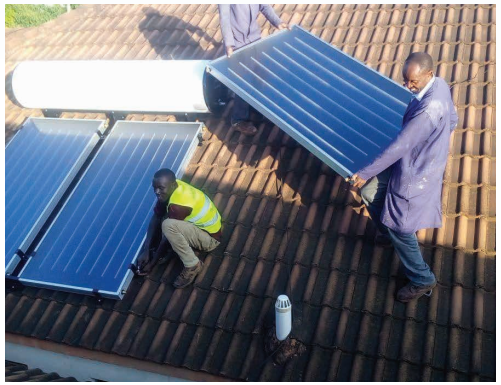
The project entailed development of a roof mounted grid-tie system at Rosslyn School in Nairobi and putting up solar powered (off-grid) lighting system for the compound.

Our Tasks

- Logistics, fabrication and installation of steel walkways
- installation of modules, cabling, inverters and monitoring system
- Testing and commissioning of the system
- Fabrication of the street light mounting poles
- Supply and installation of the street lighting components
- Maintenance services

Projects

12 Solar water heating systems



System Description

Omnicorp has carried out numerous hot water installations. The project s consist of 200 and 300 liter solar water heating systems for residential units.

Our Tasks

• System sizing, surveys, installation.

Projects

13 Construction/Installation of a 148kw grid – tie system in Laikipia County

System Description

This is a borehole project aimed at supplying irrigation water for greenhouses.

Specifications

5kw solar PV – diesel generator system to power a borehole water pump.

Our Tasks

- Specifications for the ground mount support structure
- Installation of solar modules, module mounting structure, cables management from modules to VFD, testing and final electrical connections.

OMNICORP INTERNATIONAL LTD
Energy | Efficiency | Development
Email: info@omnicorp.co.ke
Tel: 0728116716 www.omnicorp.co.ke

OMNICORP

Tel: (+254) 20 2211153
Mobile: (+254) 728 116 716
info@omnicorp.co.ke
P.O. BOX 45322 - 00800, Nairobi
5th Avenue Building, Ngong Rd, Nairobi