

ELLIPSOID CONSULTANTS LTD

Land and Engineering Surveyors, GIS & Mapping, Planners, Civil Engineers and Architect Consultants

P.O. BOX 25819-00100 NAIROBI, CELL: +254729828394/+254732376111

Email: Ellipsoidconsultants@gmail.com, info@ellipsoidconsultants.co.ke,

Website: www.ellipsoidconsultants.co.ke

Physical Location: Lunga Lunga Plaza, 2nd Floor, Lunga Lunga Road



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1 CONSULTANTS ORGANIZATION AND EXPERIENCE

1.1 COSULTANTS ORGANIZATION

ELLIPSOID CONSULTANTS LTD is a team of Land and Engineering Surveyors, GIS & Mapping, Planners, Civil Engineers and Architect Consultants & Contractors. Our team will strive in every way possible to provide our clients with completed projects that will meet all requirements and will expedite the progress of any project. Ellipsoid Consultants Ltd has been involved in a wide range of services and activities including but not limited to design and build of roads, buildings, bridges and large solar farms and related infrastructure, supervision of roads, topographical surveys for dams, roads and other infrastructure, GIS mapping drainage facilities and power lines, cadastral surveys both for real estate developments and land acquisition, Hydrological surveys; among others.

Ellipsoid Consults Ltd has a rich pool of registered professionals in various areas e.g., civil engineering, electrical engineering and her experts are registered and licensed by the relevant regulatory and professional bodies like the Surveying Registration Board, Institute of Surveyors of Kenya, Kenya Institute of Planners, Physical Planners Registration Board (PPRB), National Construction Authority (NCA) and National Environmental Management Authority. (NEMA), Contractor's registration board of Tanzania and Engineers Board of Tanzania

1.2 Bankers, and PIN Registration

Ellipsoid Consultants LTD is a locally owned Kenyan firm, under Registration Certificate Number **PVT-EYURGZ5** and PIN Number **P051745853T**. Ellipsoid Consultants LTD Tanzania Branch operates in Tanzania under certificate number **179907585**

Company's Bank Details are as follows:

Bank Name & Branch: Equity Bank, Harambee Avenue Branch

Account Number: 0240278457187

Bank Name & Branch: I&M Bank-Lunga Lunga Plaza

Account Number: 02903953146350

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1.3 CONSULTANT'S EXPERIENCE

ELLIPSOID CONSULTANTS LIST OF DIRECTORS(KENYA)

Name	Nationality	Citizenship
Mr. Geoffrey Momanyi Araka	Kenyan	Kenyan by Birth

ELLIPSOID CONSULTANTS LIST OF DIRECTORS(TANZANIA)

Name	Nationality	Citizenship
Mr. Geoffrey Momanyi Araka	Kenyan	Kenyan by Birth

The firm specializes in diverse professional in the following fields; -

1. Geographic Information Systems (GIS)
2. Environmental Consultants.
3. Land and Engineering Surveying
4. Engineering consultancy
5. Physical Planning
6. Civil works (roads, building and Bridges) Construction (NCA 8 Kenya) Tanzania CRB No1

1.4 ELLIPSOID CONSULTS LTD HAS THE FOLLOWING DEPARTMENTS

1.4.1 Geographical Information System (GIS) and Mapping departments

ELLIPSOID CONSULTS LTD has wholly embraced this technology because of its great significance to all professions. We have the capability of performing tasks of any magnitude, produce results and train the users of the GIS products. GIS can be applied in various fields, i.e.: -

- Land Management Urban Planning: GIS provides detailed information for design, mapping and feasibility studies of cities and their neighbourhoods.
- Water Resources Management: GIS can be used to locate safe water resources, calculate water service coverage and the functionality of water facilities.
- Agriculture: GIS can be used for analysis of crop production, spread of pests and diseases

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- Environmental conservation.

(GIS) data displaying and presentation

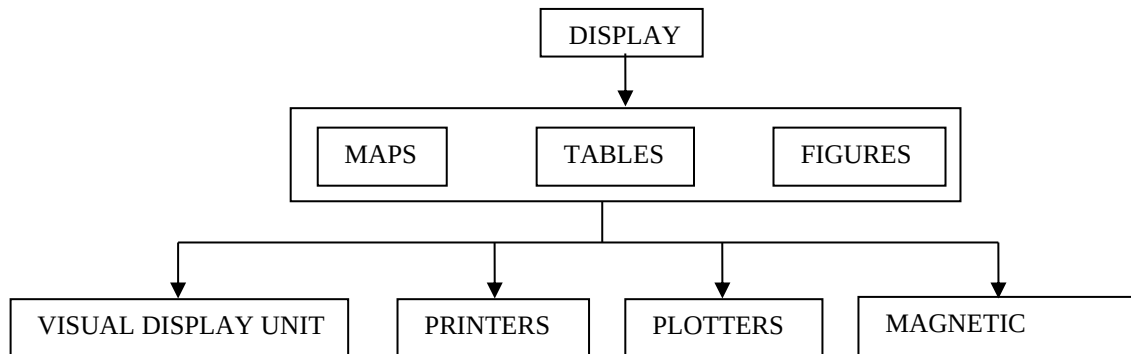


CHART 1: GIS Data displaying and Organization

1.4.2 Land and Engineering Surveying

Land Surveying consists of planning, sub-division, amendment of RIMs, preparation of title deeds and deed plans. Engineering survey is a component in this division, which takes surveying measurements using tools like GPS, Total Stations.

Engineering Survey: These are surveys that embrace all the work required before, during and after any engineering works.

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Figure 1: A total station in use in one of the previous projects.

1.4.3 Mapping

At Ellipsoid Consultants LTD we offer imaginative and innovative custom map production services to clients in need of high-quality digital maps. We specialize in providing maps for websites and publications. In addition, our maps serve to document spatial analysis: Our map production services employ the latest cartographic designs as well as cutting edge HP Z2100 Plotter to produce aesthetically pleasing maps. Before any works are started, Topographical survey is done to produce the contoured map and cross-sections. A total station is useful in this process together with our modern software that comes in handy when drawing the site scheme or layout.

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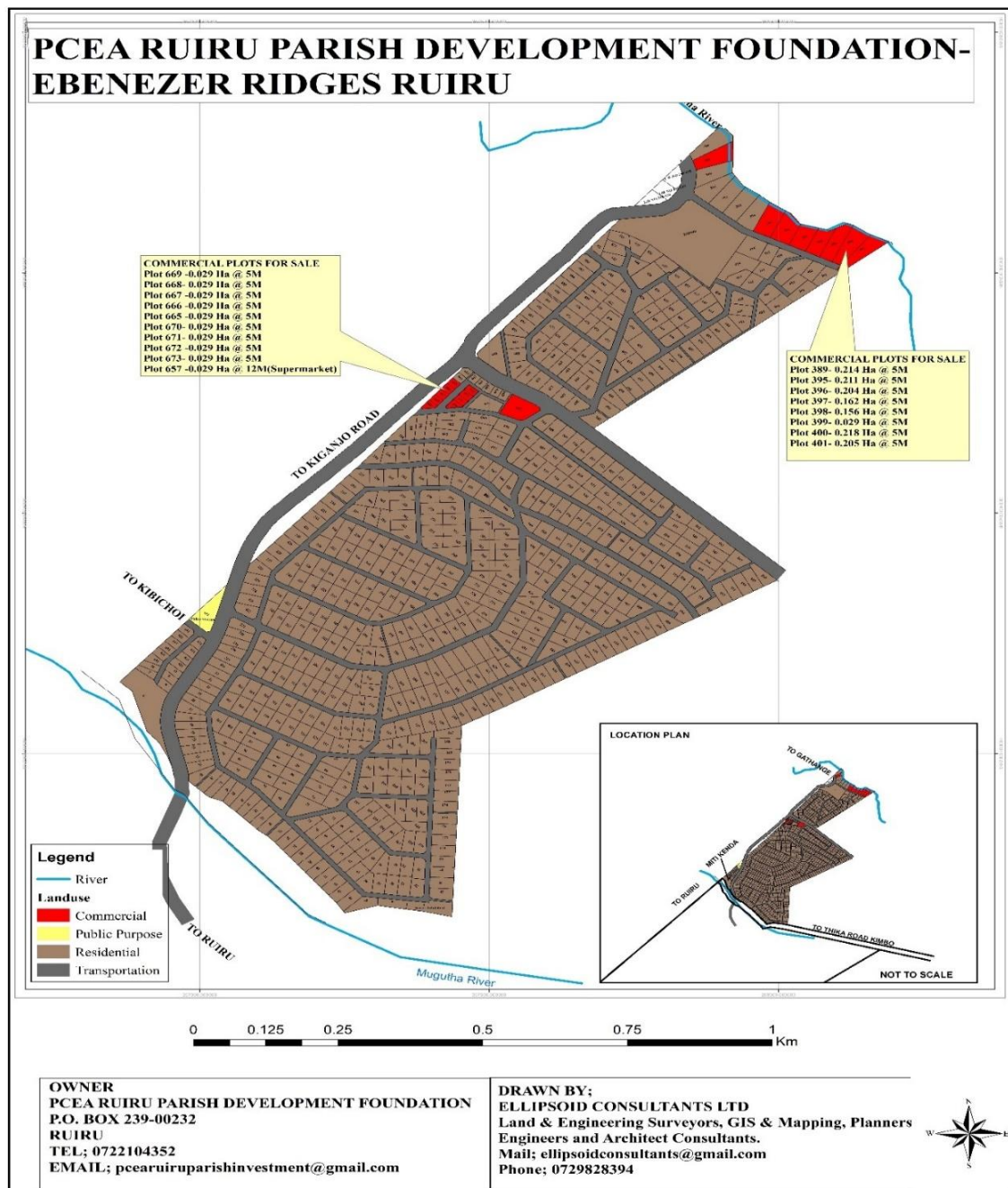


Figure 2; Map Product output (GIS)

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1.4.4 Environmental Department

This department operates within the framework of the Environmental Management and Coordination Act of 1999 and the Environmental Impact Assessments and Audit regulations 2003 and in line with National Environment Management Authority (NEMA), which has the statutory mandate to supervise and coordinate all environmental activities.

Ellipsoid Consultants LTD offers environmental services in:

- Environmental Impact Assessment;
- Environmental Audit.

1.4.4.1 Environmental Impact Assessment (EIA)

Environmental impact assessment aims at determining and presenting the environmental impacts of a project (positive and negative) and identifying their form, realistic mitigation measures for the negative aspects while maximizing on the positive ones. EIA involves identification of those parameters that impact on the environment, predictions of the likely change on the environment, evaluation of the impacts, proposal of mitigation measures, and generation of baseline data for monitoring and evaluation and underscoring environmental issues for guiding policy formulation.

1.4.4.2 Environmental Audit

Environmental Audit is a systematic documentation, periodic and objective evaluation of how activities and processes of an ongoing project or an already existing project conform to the approved environmental management plan. EA captures activities to be audited, an indication of materials used, final products, by-products and waste generated, description of the activities, processes and operations of the project, description of legislative and regulatory frameworks on ecological and socio-economic matters, description of potentially affected ecological and social-economic matters, a prioritization of all past and ongoing concerns, identification of environmental occupational health and safety concerns, opinion of the efficacy and adequacy of the environmental management plan of the project, detailed recommendations for corrective activities, their cost timetable and mechanism for implementation, measures taken under the environmental management plan to ensure implementation is of acceptable environmental standards and summary outlining the key findings, conclusions and recommendations.

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1.4.5 Physical Planning department

This department offers services in the field of Urban and Regional Planning with the focus being in the preparation of short term and long term. Physical Development Plans in line with the Physical Planning Act of 1996 and other related laws and regulations. Some of the services offered in this division are;

- Preparation of Local Physical Development Plans
- Preparation of Regional physical development plans
- Preparation of Master plans
- Strategic and Action plans
- Management plans
- Socio-economic and Feasibility studies
- Projects evaluation and monitoring
- Change of user, Extension of user & Extension of leases
- Subdivision schemes and other Planning Issues

Ellipsoid Consultants Values

- Great concern for the well-being of employees.
- Meeting and exceeding the client's expectations.
- Operates with honesty and integrity.
- Working together as team and respect to one another.
- Commitment in conservation of the environment.
- Strives to improve and take on new challenges.

1.4.6 Engineering consultancy

Our Civil Engineering team provides customized engineering solutions to challenging projects. We boast of experience across many disciplines in the engineering field. This guarantees that our clients are provided with a broad perspective for all their infrastructure needs. We ensure that we are in line with all local design guidelines and work closely with permitting agencies. Area of specialization include;

- Solar Ground Mounting Designs and Supervision
- Highways designs and Supervision

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- Feasibility Studies of major Infrastructure
- Bridge Designs and Supervision
- Geotechnical Investigations and Designs
- Building designs and supervision
- High mast Communication designs and supervision



Figure 3; Solar Installations & Structural Footing

1.4.7 Civil works (roads, building and Bridges) Construction (NCA 8 Kenya) Tanzania CRB No1

In Kenya, the National Construction Authority (NCA) classifies contractors based on their expertise and financial capability for various types of construction work. NCA 6 is one of the classifications under this system, and it applies to contractors involved in civil works such as roads, buildings, and bridges.

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NCA 8 Classification in Kenya

NCA 6 contractors in Kenya are typically involved in medium-scale construction projects. They are permitted to handle civil works related to roads, buildings, and bridges, but generally, they are not involved in the most complex or large-scale projects that would require higher classifications such as NCA 1, NCA 2, or NCA 3. Contractors under NCA 6 are suitable for handling medium-scale civil works such as roads, buildings, and bridges. They can work on projects with budgets up to KES 500 million, and are equipped for more localized or mid-sized infrastructure development.

Tanzania CRB No. 1

In Tanzania, the Contractors Registration Board (CRB) is the regulatory body that classifies contractors for construction projects. CRB No. 1 is the highest category under the Tanzanian contractor classification system. This classification is reserved for contractors capable of handling large-scale projects, including roads, bridges, and buildings. CRB No. 1 contractors in Tanzania are suited for large-scale projects, such as national roads, major buildings, and large bridges. These contractors have substantial financial resources, technical expertise, and experience to handle complex, multi-million-dollar infrastructure projects across the country.

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Figure 4; Bridge Designs & Construction

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1.5 LIST OF TOOLS AND EQUIPMENT CAPABILITIES

Ellipsoid Consultants LTD offices are located at Second Floor, Lunga Lunga Plaza, Lunga Lunga road in Nairobi. The office is well equipped with eleven computer workstations loaded with state-of-the-art software in particular GIS, AutoCAD, Civil 3D, QGIS, ArchiCAD and Liscad. In addition, we have printers, plotters, modern typewriters, scanners, drawing boards, and storage cabinets. The firm also has a fully functional Engineering Lab for soil, concrete and Bitumen equipment.

Qty	Type	Model & Description	Accuracy	Year of Man.	Function	Proof of ownership – Serial No.
1	Total station	Hi-target 420	1"	2015	Setting out	
2	Total station	Sunwa ys ATS3 20R	2"	2018	Setting out	 S04436

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3	GNSS Receivers	David Tersus AX37 02	-/+ 0.002	2018	Establishment of controls.	 15005184100000458 15005184100000457
4	GNSS Receivers	Hi-Target V10 pro	+/-0.005	2021	Surveying	
5	Levelling machine	South NL32 A South NL32 A	+/- 0.001		Surveying	 1099874 1099843
6	GNSS Receivers	Leica 1200	+/- 0.003	2012	Establishment of controls.	

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7	GARMIN	Etrex 20x	-/+ 2m		GIS data analysis	
8	Trimble	TDC600	+/- 2m		GIS data acquisition	
9	0.5 cubic metre Concrete Mixer (2 in number)	Locally made by Makiga	0.5m3	2018	Mixing of Concrete for homogenous mix	
10	Poker Vibrators (2 in number)	Honda		2018	Vibrating Wet Concrete Mix	
11	Air Compressor			2020	For breaking concrete and hard rocks	

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12	Tractor Drilling Auger			2015	For drilling Holes up to 5 metres deep	
13	Excavator (2)			2015	For large quantity excavations and material loading	
14	Tippers (5)			Vary Date	Transportation of materials	
15	Grader			2012	Spreading of materials and levelling	

Table 1: List of Tools and Equipment Capabilities

1.5.1 Computers

No.	MODEL	S/N
1.	Lenovo B590-20206	WB11999619
2.	HP Probook	5CG910117
3.	Lenovo Ideapad 320-151AP	PF0W0Q3M
4.	HP Elitebook 8460p	CNU1431B25
5.	HP PRO 3500	TRF4300TP
6.	HP Pro Desk 600 G1 TWR	HP60077913
7.	HP Pavillion PC	CNF8381WVD

Table 2: List of Computers

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1.5.2 Network Equipment

Quantity	Model	Serial Number	Function
1	TP-LINK	219A692005834	Local Area Network

Table 3: Network Equipment

1.5.3 Data Processing Software

Field of use	Software	Application area
Secretarial and accounting	MS Office 2007- 2016	Word documents processing and spreadsheet
Drafting	AutoCAD AutoCAD Land development Civil 3D	For computerized production of plans and contouring. Drafting profile and cross section plans
GIS & Mapping	Terra Solid's Terra Scan software	Processing digital aerial photographs Processing Raw LiDAR data
	LPS 9.1, Map Source	Processing digital aerial photographs
	ArcGIS, Quantum GIS, Global Mapper, and Google earth	Mapping of spatially located features.
	GNSS Solutions	Downloading and processing raw GPS data
Survey computations	Ms excels	Sorting of downloaded survey raw data
	Leica survey office	Downloading Total station raw data
	Stratus Version 4	Raw GPS Data processing for Sokkia Stratus

Table 4: Data Processing Software

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1.5.4 Transport Facilities

Ellipsoid Consultants Ltd has a fleet of vehicles for its operations;

No.	Model & Description	Year of Man.	Ownership
1	KCD 223Q Toyota Hillux Raider	2007	Lease
2	KAS 070K Mitsubishi Lancer	2002	Lease
3	KBK 700Y Subaru Legacy	2005	Ellipsoid
4	KBZ 320A Nissan X-Trail	2007	Ellipsoid
5	KBZ 573F Toyota Vanguard	2008	Ellipsoid
6	KDQ 695L Jeep Cherokee	2016	Ellipsoid

Table 5: Transport Facilities

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1.6 ELLIPSOID CONSULTANTS' REFERENCES

The areas of expertise of the firm include; survey of roads and properties, acquisition of wayleaves for road corridors, digital mapping using aerial photography and satellite imagery, production of topographical maps, physical planning, environmental impact assessment and audit, infrastructure planning and implementation.

1.6.1 NAMES OF MAJOR CLIENTS, REFERENCES AND CONTACT PERSONS

1.	
Assignment name: Consultancy Services for Design and Construction of 15MW solar plant in Twiga Cement Tanzania	Approx. value of the contract: Ksh 250,000,000
Country: Tanzania	Duration of assignment (months): 12 months
Name of Procuring Entity: Spenomatic Group	Total N°of staff-months of the assignment: 12 months
Contact Address: P.O BOX 39935-00623 Nairobi	Approx. value of the services provided by your firm under the contract: Ksh 250,000,00
Start date (month/year): Dec 2024 Completion date: Ongoing	N°of professional staff-months provided by associated Consultants: 12 months
Role on Assignment: Lead Consultant/Civil Contractor	Name of senior professional staff of your firm involved and functions performed: Araka Geoffrey- Managing Director
Narrative description of Assignment:	
Description of actual services provided by your staff within the assignment: • Geotechnical Surveys, Civil Works Designs for Buildings, Transformer Foundations and Piles • Concreting of piles as per the design and mix design using appropriate ratios • Construction of Control room, Transformer Plinths and Soak pit • In charge of all civil and survey activities	
Name of Consulting Firm: Ellipsoid Consultants Ltd	Name and Title of Signatory: Geoffrey Araka, Managing Director

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2.	
Assignment name: Consultancy Services for Design and Construction of 2MW solar plant in Igara and Buhweju Tea Factories-Uganda	Approx. value of the contract: Ksh 15,000,000
Country: Uganda	Duration of assignment (months): 5 months
Name of Procuring Entity: Spenomatic Group	Total N^o of staff-months of the assignment: 5 months
Contact Address: P.O BOX 39935-00623 Nairobi	Approx. value of the services provided by your firm under the contract: Ksh 15,000,00
Start date (month/year): April 2024 Completion date: August 2024	N^o of professional staff-months provided by associated Consultants: 5 months
Role on Assignment: Lead Consultant/Civil Contractor	Name of senior professional staff of your firm involved and functions performed: ✓ Araka Geoffrey- Managing Director ✓ Collins Ochieng-Structural Engineer
Narrative description of Assignment:	
Description of actual services provided by your staff within the assignment: • Geotechnical Surveys, Civil Works Designs for Buildings, Transformer Foundations and Piles • Concreting of piles as per the design and mix design using appropriate ratios • Construction of Control room, Transformer Plinths and Soak pit • In charge of all civil and survey activities	
Name of Consulting Firm: Ellipsoid Consultants Ltd	Name and Title of Signatory: Geoffrey Araka, Managing Director
3.	
Assignment name: Consultancy Services for Design and Construction of 6MW solar plant in Awasi Steel Factory-Kenya	Approx. value of the contract: Ksh 50,000,000
Country: Kenya	Duration of assignment (months): 12 months
Name of Procuring Entity: Spenomatic Group	Total N^o of staff-months of the assignment: 12 months

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Contact Address: P.O BOX 39935-00623 Nairobi	Approx. value of the services provided by your firm under the contract: Ksh 50,000,00
Start date (month/year): Jan 2024 Completion date: Ongoing	Nº-of professional staff-months provided by associated Consultants: 12 months
Role on Assignment: Lead Consultant/Civil Contractor	Name of senior professional staff of your firm involved and functions performed: ✓ Araka Geoffrey- Managing Director ✓ Collins Ochieng-Structural Engineer
Narrative description of Assignment:	
Description of actual services provided by your staff within the assignment: • Establishment of controls, setting out of piles, transformer foundation and routes • Concreting of piles as per the design and mix design using appropriate ratios • Construction of Control room, Transformer Plinths and Soak pit • In charge of all civil and survey activities	
Name of Consulting Firm: Ellipsoid Consultants Ltd	Name and Title of Signatory: Geoffrey Araka, Managing Director
4.	
Assignment name: Consultancy Services for Design and Construction of 6MW solar plant in Mariakani Kenya	Approx. value of the contract: Ksh 50,000,000
Country: Kenya	Duration of assignment (months): 12 months
Name of Procuring Entity: Spenomatic Group	Total Nº-of staff-months of the assignment: 12 months
Contact Address: P.O BOX 39935-00623 Nairobi	Approx. value of the services provided by your firm under the contract: Ksh 50,000,00
Start date (month/year): Nov 2024 Completion date: Ongoing	Nº-of professional staff-months provided by associated Consultants: 12 months

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Website: www.ellipsoidconsultants.co.ke

Physical Location: Lunga Lunga Plaza, 2nd Floor, Lunga Lunga Road



Role on Assignment: Lead Consultant/Civil Contractor	Name of senior professional staff of your firm involved and functions performed: ✓ Araka Geoffrey- Managing Director ✓ Collins Ochieng-Structural Engineer
Narrative description of Assignment:	
Description of actual services provided by your staff within the assignment: • Establishment of controls, setting out of piles, transformer foundation and routes • Concreting of piles as per the design and mix design using appropriate ratios • Construction of Control room, Transformer Plinths and Soak pit • In charge of all civil and survey activities	
Name of Consulting Firm: Ellipsoid Consultants Ltd	Name and Title of Signatory: Geoffrey Araka, Managing Director
5.	
Assignment name: Consultancy Services for Design and Construction of 2MW solar plant in Finlays Kitumbe & Chomogonday Tea Factories	Approx. value of the contract: Ksh 30,000,000
Country: Kenya	Duration of assignment (months): 6 months
Name of Procuring Entity: Spenomatic Group	Total N^o of staff-months of the assignment: 6 months
Contact Address: P.O BOX 39935-00623 Nairobi	Approx. value of the services provided by your firm under the contract: Ksh 10,000,00
Start date (month/year): Dec 2022 Completion date: May 2023	N^o of professional staff-months provided by associated Consultants: 6 months
Role on Assignment: Lead Consultant/Civil Contractor	Name of senior professional staff of your firm involved and functions performed: ✓ Araka Geoffrey- Managing Director ✓ Collins Ochieng-Structural Engineer
Narrative description of Assignment:	
Description of actual services provided by your staff within the assignment:	

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- Establishment of controls, setting out of piles, transformer foundation and routes
- Concreting of piles as per the design and mix design using appropriate ratios
- Construction of Control room, Transformer Plinths and Soak pit
- In charge of all civil and survey activities

Name of Consulting Firm: Ellipsoid Consultants Ltd

Name and Title of Signatory: Geoffrey Araka,
Managing Director

6.

Assignment name: Consultancy Services for Design and Construction of 6MW Solar plant for Awasi prime Steel

Approx. value of the contract [KES, US\$ etc.]: Ksh 25,000,000

Country: Kenya

Duration of assignment (months): 12 months

Name of Procuring Entity: Spenomatic Group

Total N° of staff-months of the assignment: 12 months

Contact Address:
P.O BOX 39935-00623 Nairobi

Approx. value of the services provided by your firm under the contract: Ksh 25,000,000

Start date (month/year): March 2023
Completion date: Ongoing

N° of professional staff-months provided by associated Consultants: 12 months

Role on Assignment: Lead Consultant/Civil Contractor

Name of senior professional staff of your firm involved and functions performed:
✓ Araka Geoffrey- Managing Director
✓ Collins Ochieng-Structural Engineer

Narrative description of Assignment: The Kajiado county government needed consultancy services for road inventory and mapping of selected towns and roads to guide then in planning

Description of actual services provided by your staff within the assignment:

- Establishment of controls, setting out of piles, transformer foundation and routes
- Concreting of piles as per the design and mix design using appropriate ratios
- Construction of Control room, Transformer Plinths and Soak pit
- In charge of all civil and survey activities

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7.

Assignment name: Consultancy Services for Topo-Cadastral survey of Keritor, Kipkebe, Kitumbe and Chomogonday Solar Project		Approx. value of the contract: Ksh 1,000,000	
Country: Kenya		Duration of assignment (months): 6 months	
Name of Procuring Entity: Spenomatic group		Total N°of staff-months of the assignment: 6 months	
Contact Address: +254 795 448 427 Email: info@spenomatic.net		Approx. value of the services provided by your firm under the contract: Ksh 1,000,000	
Start date (month/year): May 2022 Completion date: October 2022		N°of professional staff-months provided by associated Consultants: 6 months	
Role on Assignment: Lead Consultant		Name of senior professional staff of your firm involved and functions performed: ✓ Mr. Araka – Project Director ✓ Mr. Washington Abuto – Licensed Surveyor ✓ Mr. Nevin Maoto-Surveyor	
Narrative description of Assignment: Services acquired for Topo-cadastral survey to enable client design and construct Solar power station/unit			
Description of actual services provided by your staff within the assignment: • Establishment / extension of vertical and horizontal Controls • Carrying out cadastral survey • Carrying out detailed topographical surveys			
Name of Consulting Firm: Ellipsoid Consultants Ltd		Name and Title of Signatory: Geoffrey Araka, Managing Director	
Name of Consulting Firm: Ellipsoid Consultants Ltd		Name and Title of Signatory: Geoffrey Araka, Managing Director	

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8.	
Assignment name: Consultancy services for Topo-cadastral survey of Kutus, Kambururu and uplands power station	Approx. value of the contract: Ksh 1,000,000
Country: Kenya	Duration of assignment (months): 2 months
Name of Procuring Entity: BPC Engineering services LTD	Total N^o of staff-months of the assignment: 2 months
Contact Address: + 254 731 691 109 Email: bpcengineering@gmail.com	Approx. value of the services provided by your firm under the contract: Ksh 1,000,000
Start date (month/year): September 2022 Completion date: November 2022	N^o of professional staff-months provided by associated Consultants: 2 months
Role on Assignment: Lead Consultant	Name of senior professional staff of your firm involved and functions performed: ✓ Mr. Araka – Project Director ✓ Mr. Washington Abuto – Licensed Surveyor ✓ Mr. Nevin Maoto-Surveyor
Narrative description of Assignment: BPC engineering needed consultancy services for Topo-Cadastral survey that will help client Ketraco to design a power station	
Description of actual services provided by your staff within the assignment: • Establishment/ extension of vertical and horizontal controls • Carrying out cadastral survey to mark the exact boundaries as per plans • Carrying out detailed topographical surveys as per terms of reference	

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Name of Consulting Firm: Ellipsoid Consultants Ltd	Name and Title of Signatory: Geoffrey Araka, Managing Director
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9.		
Assignment Name: Consultancy Services for feasibility study, detailed engineering design and supervision for upgrading to bitumen standards Kiserian & Ngong town roads approx. 2kms		Country: KENYA
Location within Country: Kajiado County		Name of Senior Staff Involved and Functions  Mr Araka – Project Director  Eng Meshack – Highway/Transport Engineer
Name of Client: Kajiado County-Ministry of Transport and Housing		No of Staff-Months; Duration of Duration of Assignment: 3 months
Address: NIL		Clients contact person for the assignment Chief of Roads +254751873254
Start Date Month/Year): May 2021	Completion Date (Month/Year): August 2021	Approx Value: Ksh 3,000,000
Name of Associated Consultants. If any: Nil		No of Months of Professional Staff provided by Associated Consultants: Nil
Name of Senior Staff (Project Director/Coordinator, Team Leader) Involved and Functions Performed: Geoffrey Araka & Meshack Okebe		
Narrative Description of project: The Scope of works included a Detailed Engineering study that will inform the county government on the required engineering design aspects for upgrading the project roads, construction materials and quantities and cost estimates. The tasks for this consultancy comprised: Engineering: Technical Investigations; Detailed Engineering Designs; Cost Estimates, Bills of Quantities and Specifications & Supervision of all works		

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Description of Actual Services Provided by Your Staff:

In charge of all survey and engineering works

Firm's name: Ellipsoid Consultants Ltd

Name and title: Geoffrey Araka, Managing Director

10.		
Assignment Name: Consultancy Services for feasibility study, detailed engineering design and supervision for Kajiado park & cultural high street-Kajiado Town		Country: KENYA
Location within Country: Kajiado County		Name of Senior Staff Involved and Functions ✚ Mr Araka – Project Director ✚ Eng Meshack – Highway/Transport Engineer
Name of Client: Kajiado County-Ministry of Transport and Housing		No of Staff-Months; Duration of Duration of Assignment: 3 months
Address: NIL		Clients contact person for the assignment Chief of Roads +254751873254
Start Date Month/Year): May 2021	Completion Date (Month/Year): August 2021	Approx Value: Ksh 2,500,000
Name of Associated Consultants. If any: Nil		No of Months of Professional Staff provided by Associated Consultants: Nil
Name of Senior Staff (Project Director/Coordinator, Team Leader) Involved and Functions Performed: Geoffrey Araka & Meshack Okebe		
Narrative Description of project: The Scope of works included a Detailed Engineering study that will inform the county government on the required engineering design aspects for upgrading the project roads, construction materials and quantities and cost estimates. The tasks for this consultancy comprised: Engineering: Technical Investigations; Detailed Engineering Designs; Cost Estimates, Bills of Quantities and Specifications & Supervision of all works		

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Description of Actual Services Provided by Your Staff:

In charge of all survey and engineering works

Firm's name: Ellipsoid Consultants Ltd

Name and title: Geoffrey Araka, Managing Director

11.		
Assignment Name: Consultancy Services for feasibility study, detailed engineering design and supervision for upgrading to bitumen standards Cleanshelf - Gatanga road approx. 1.5kms		Country: KENYA
Location within Country: Kajiado County		Name of Senior Staff Involved and Functions ✚ Mr Araka – Project Director ✚ Eng Meshack – Highway/Transport Engineer
Name of Client: Kajiado County-Ministry of Transport and Housing		No of Staff-Months; Duration of Duration of Assignment: 3 months
Address: NIL		Clients contact person for the assignment Chief of Roads +254751873254
Start Date Month/Year): May 2021	Completion Date (Month/Year): August 2021	Approx Value: Ksh 3,000,000
Name of Associated Consultants. If any: Nil		No of Months of Professional Staff provided by Associated Consultants: Nil
Name of Senior Staff (Project Director/Coordinator, Team Leader) Involved and Functions Performed: Geoffrey Araka & Meshack Okebe		
Narrative Description of project: The Scope of works included a Detailed Engineering study that will inform the county government on the required engineering design aspects for upgrading the project roads, construction materials and quantities and cost estimates. The tasks for this consultancy comprised: Engineering: Technical Investigations; Detailed Engineering Designs; Cost Estimates, Bills of Quantities and Specifications & Supervision of all works		

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Description of Actual Services Provided by Your Staff:

In charge of all survey and engineering works

Firm's name: Ellipsoid Consultants Ltd

Name and title: Geoffrey Araka, Managing Director

12.

Assignment Name: Consultancy Services for feasibility study, design & supervision of Selengai Bridge-Kajiado County		Country: KENYA
Location within Country: Kajiado County		Name of Senior Staff Involved and Functions + Mr Araka – Project Director + Eng Meshack – Highway/Transport Engineer + Eng Collins-Structural Engineer
Name of Client: Kajiado County-Ministry of Transport and Housing		No of Staff-Months; Duration of Duration of Assignment: 3 months
Address: NIL		Clients contact person for the assignment Chief of Roads +254751873254
Start Date Month/Year): May 2021	Completion Date (Month/Year): August 2021	Approx Value: Ksh 6,000,000
Name of Associated Consultants. If any: Nil		No of Months of Professional Staff provided by Associated Consultants: Nil
Name of Senior Staff (Project Director/Coordinator, Team Leader) Involved and Functions Performed: Geoffrey Araka & Meshack Okebe		
Narrative Description of project: The Scope of works included a Detailed Engineering study that will inform the county government on the required engineering design aspects for bridge design, construction materials and quantities and cost estimates. The tasks for this consultancy		

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comprised: Engineering: Geotechnical Investigations; Detailed Engineering Designs; Cost Estimates, Bills of Quantities and Specifications & Supervision of all works

Description of Actual Services Provided by Your Staff:

In charge of all survey and engineering works

Firm's name: Ellipsoid Consultants Ltd

Name and title: Geoffrey Araka, Managing Director

13.		
Assignment Name: Consultancy services for road inventory & mapping of selected towns/roads in Kajiado county- Kiserian town, Ngong town, Rongai town and Kitengela town fy 2020-2021		Country: KENYA
Location within Country: Kajiado County		Name of Senior Staff Involved and Functions  Mr Araka – Project Director  Eng Meshack – Highway/Transport Engineer  Eng Collins-Structural Engineer
Name of Client: Kajiado County-Ministry of Transport and Housing		No of Staff-Months; Duration of Duration of Assignment: 3 months
Address: NIL		Clients contact person for the assignment Chief of Roads +254751873254
Start Date Month/Year): May 2021	Completion Date (Month/Year): August 2021	Approx Value: Ksh 5,000,000
Name of Associated Consultants. If any: Nil		No of Months of Professional Staff provided by Associated Consultants: Nil
Name of Senior Staff (Project Director/Coordinator, Team Leader) Involved and Functions Performed: Geoffrey Araka & Meshack Okebe		

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Narrative Description of project: The Scope of works included a Detailed report that will inform the county government on the conditions of the roads that are listed as County Roads to enable the county to make crucial decisions in rehabilitation, design and improvement of the roads funded by World Bank

Description of Actual Services Provided by Your Staff:

In charge of all survey and engineering works

Firm's name: Ellipsoid Consultants Ltd

Name and title: Geoffrey Araka, Managing Director

1.6.2 OTHER CLIENTS

1.	Name of client: Nginu power Engineering (E.A) LTD Address of client: P.O. Box 33663-00600, Nairobi-KENYA Name of client contact person: Eng. Ngigi Telephone No. of client: +254721861418 Value of Contract: On Demand Basis Duration of Contract: Ongoing
2.	Name of client: Abdirazak Advocates Name of contact person at the client: Abdirazak Mohamed Telephone No. of client: 0722309387 Value of Contract: 3 million Duration of Contract: Ongoing

Table 6: Other Clients

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