

SEBA AND ASSOCIATES

Topographical surveying Specialists

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COMPANY PROFILE

1.0 EXECUTIVE SUMMARY

Seba and associates is cadastral and topographical Surveying consulting firms in Tanzania., was registered under Certificate of No. 152000 issued on the 10th of October 2005. Seba and Associates is a privately owned, based in Dar es salaam, Tanzania. It is the wholly owned and managed by Tanzanian who is senior member of the Land surveying profession and has a considerable experience in the profession as well as general supervision of engineering projects. SEBA AND ASSOCIATES practices under license Licence No. 106 of Jan 2006 granted to its Director and Lead Consultant Mr. Sebastian B. K. Bebwa. The director is Fully Registered Surveyors (FRS) with NCPS and are Fellows of Institution of Surveyors of Tanzania (IST). The Director enjoys more than 34 years' experience of surveying practice

TIN No.108-940-212. And VRN NO; 40-043881-A

CEO Mr. Sebastian B.K. Bebwa is supported by adequate numbers of other key staff like field surveyors, technician.

These professionals enjoy an impressive performance in topographical, engineering, bathymetry or hydrographical, control and cadastral surveying projects for various organisations and institutions in Tanzania and abroad. Furthermore, they are conversant with manipulating modern surveying technologies such as total stations, Global Positioning System (GPS) and related computer software. Different social arrangements and land topography, climate and policies of the project cannot hinder the performance of this association.

The director is Fully Registered Surveyor and Licensed Surveyor with the National Council of Professional Surveyors (NCPS) from 1997 and. Mr. Bebwa is a Fellow of Institution of Surveyors of Tanzania (IST). Vast surveying experience of Director of seba and Associates is summarised in a Curriculum Vitae attached in the following pages of this booklet. Also attached are relevant certificates for the firm and its director.

Its staff enjoys an impressive performance of executing cadastral, topographical, engineering, bathymetry, mining, and control surveying projects both in Tanzania and abroad. Such extensive range of experience has provided the firm with advantage of working under different topographical, climate, land policies and social conditions.

Seba and Associates believes in promoting co-operative teamwork and close interaction between the client and consultant so that the client is kept informed of development of the project through all stages.

The guiding principle of the firm is to create the best in land, Topographical and Engineering delivery consultancy that fulfil the client's functional requirements in quality, budgetary and timely delivery.

“Our motto is professional integrity, excellence and timely delivery”

Seba and Associates has been working in consultancy services contracts with several Engineering firms among them are M/s Norplan Tanzania Ltd, Ambicon Engineering Ltd, Kyong Dong, SMEC International Pty Ltd (Australia), Design Partnership Ltd, UWP Consulting (T) Ltd, Norplan (T) Ltd, Intercontinental Techno Consultants Ltd (India), Engineering Research Associates Ltd for different assignments.

2.0 Major services undertaken by our firm as listed down: -

- ◆ Design, section/profile for highway and railways routes.
- ◆ Cadastral survey for legal ownership.
- ◆ Prepare topographical plans for housing, bridges, and irrigation schemes design.
- ◆ Establish controls for large- and small-scale mapping and setting out infrastructures.
- ◆ Set-out highways, railways, on-shore and off-shore piles, bridges, buildings, and irrigation canals.
- ◆ Use surveying techniques to measure quarry aggregates for volume calculations.
- ◆ Subdivide and demarcate land for titling acquisition.
- ◆ Monitor deformation displacements of large structures (high-storey buildings, reservoirs, etc).
- ◆ Hydrographic/bathymetry surveying for harbours channel.
- ◆ Provide on-job surveying training to technical staff and fresh graduates.
- ◆ Survey of plots and farms
- ◆ Aerial mapping by Remotely Piloted Aircraft (RPA)

2.1 Banker:

STANBIC BANK TANZANIA LIMITED

Mayfair Plaza Branch

P.O BOX 105782

DAR ES SALAAM.

2.2 TIN NO: 108-940-212 and VRN NO: 40-043881-A

3.0 SELECTED PROJECTS AS PART OF FIRM'S PROFESSIONAL EXPERIENCE

- 1. Name of assignment or project:** Feasibility Studies, Detailed Engineering Design, for Luberizi – Kamanyola-Bukavu Road Section, Lot 2 (89 km) in the Democratic Republic of Congo
Location: South Kivu, Democratic Republic of Congo
Employer: M/s Intercontinental Consultants & Technocrats Pvt Limited
Year: July 2022 to October 2022
- 2. Name of assignment or project:** provision of consultancy services for feasibility study, urban design, detailed engineering design, environmental and social due diligence, preparation of cost estimates and bidding documents for urban infrastructure investments for Morogoro, Songea, Sumbawanga and Mbeya Councils (tactic zone 3)
Location: Sumbawanga, Mbeya, Morogoro and Songea
Employer: Norplan TZ Ltd
Year: Dec 2021 to April 2022

3. **Name of assignment or project:** Features survey (Topographical) and High Resolution imagery (Drone) survey of Kininga-Ngwala Road (52Km) in Songwe District Songwe Region
Location: Ngwala
Employer: Norplan (Tz) Ltd
Year: March 2022 to May 2022
4. **Name of assignment or project:** Feasibility Study, Urban Design, Detailed Engineering Design, Environmental and Social Due Diligence, Preparation of Cost Estimates and Bidding Documents for Urban Infrastructure Investments in Morogoro, Songea, Mbeya and Sumbawanga Cities/Municipalities (Tactic Zone 3)
Location: Sumbawanga MC, Mbeya CC, Morogoro MC and Songea MC
Employer: Norplan TZ Ltd
Year: December 2021 to June 2022
5. **Project:** supervision of construction of jetty, ramp, and heavy-duty paving at Ndumbi on lake nyasa
Year: January 2019 - to February 2022
Employer: UNITEC
6. **Name of assignment or project:** Feasibility study, detailed Engineering Design and Preparation of Tender Documents for Upgrading of Ntendo-Muze-Kilyamatundu road (179Km) to Bitumen Standard
Location: Sumbawanga-Rukwa Region
Employer: Norplan TZ Ltd
Year: July 2020 to June 2021
7. **Name of assignment or project:** Design Review and Preparation of Tender Documents for Upgrading of Malagarasi-Ilude-Uvinza road (51.5Km) to Bitumen Standard
Location: Uvinza Kigoma
Employer: Norplan TZ Ltd
Year: Jan 2020 to June 2020
8. **Name of assignment or project:** Feasibility Study, Detailed Design, ESIA and Preparation of Tender Documents for Upgrading of Namanyere-Kipili port road (50.0Km) to Bitumen Standard
Location: Namanyere
Employer: Norplan TZ Ltd
Year: Sept 2019 to Nov 2019
9. **Name of assignment or project:** Feasibility Studies, Detailed Engineering Design, Environmental Impact and Social Assessment (ESIA) and Development of a Resettlement Action Plan for Kalundu Port – Uvira - Luberizi Road Section, Lot 1 (50 km) in the Democratic Republic of Congo
Location: South Kivu, Democratic Republic of Congo
Employer: M/s Intercontinental Consultants & Technocrats Pvt Limited
Year: July 2019 to October 2019
10. **Name of assignment or project:** Feasibility Study, Detailed Design, ESIA and Preparation of Tender Documents for Upgrading of Kiranjeranje-Ruangwa road (110.0Km) to Bitumen Standard
Location: Lindi
Employer: Ambicon Engineering Ltd
Year: March 2019 to July 2019
11. **Name of assignment or project:** Detailed engineering design for the Mnazi Bay erosion control Project at Msimbati area - Mtwara Region. Funded by the Government of Tanzania (GOT).
Employer: Environmental BenchMark Ltd
Location: Msimbati - Mnazi bay
Year: August 2019
12. **Name of assignment or project:** Detailed/Topographical survey for the Tanga Port Development Project in Tanga Region. Funded by the Government of Tanzania (GOT).
Employer: Ambicon Engineering Ltd
Location: Lake Tanganyika Kabwe Area
Year: June 2018

- 13. Name of assignment or project:** Detailed engineering design for the Kabwe Port Development Project in Nkasi District - Rukwa Region. Funded by the Government of Tanzania (GOT).
Employer: Ambicon Engineering Ltd
 Location: Lake Tanganyika Kabwe Area
 Year: March 2018
- 14. Name of assignment or project:** Feasibility Study, Detailed Design, ESIA and Preparation of Tender Documents for Upgrading of Kibada -Chekeni/Mwasonga -Kimbiji -Songani Junction-Kimbiji Centre and Chekeni/Mwasonga-KimbijiLink Road (48.0Km) to Bitumen Standard **Employer:** Safi Consultants Ltd
Location: Kigamboni - Dar es Salaam
Employer: Safi Consultants Ltd
 Year: January 2018 to March 2018
- 15. Name of assignment or project:** Engineering Design of the Ibanda – Kajunjumele-Kiwira Road (32km). Funded by, The Government of the United Republic of Tanzania
Employer: Mhandisi Consultancy Ltd
Location: Tanzania
 Year: July 2017 to August 2017
- 16. Name of assignment or project:** Detailed engineering design for the upgrading of Nyamirembe-Katoke (50Km) road in Chato District
Employer: Mhandisi Consultancy Ltd
Location: Tanzania
 Year: July 2016 to October 2016
- 17. Name of assignment or project:** Feasibility Study and Detailed engineering design of selected roads Lot 1 (**204km**). in Southwestern Uganda selected national roads – lot 1: "Kabwohe-Bwizibwera/Nsika-Ibanda-Kabujogera-Mashoro-Rwenjaza/Kyambura". Funded by the Government of Uganda (GOU) under the framework of the programme 'Improvement of National Roads in Uganda'
Employer: SMEC International Pty Ltd
Location: Southwest Uganda in Republic of Uganda
 Year: December 2015 to 2016
- 18. Name of assignment or project:** Detailed engineering design for the **BRT-DARTS PHASE 2 & 3 road (42km)**.
Employer: Kyong Dong Engineering Consultant – Korea/Ambicon Engineering Ltd.
Location: Tanzania
 Year: 2013 to 2015
- 19. Name of assignment or project:** Feasibility study, Preliminary and detailed design of Kidatu-Ifakara-Lumecha road (512Km).
Employer: Kyong Dong Engineering Consultant – Korea/Ambicon Engineering Ltd.
Location: Morogoro/Ruvuma
 Year: 2014-2015
- 20. Name of assignment or project:** Detailed engineering design for the Kigamboni Bridge in Dar es Salaam. Funded by the Government of Tanzania (GOT).
Employer: Norplan Tanzania Ltd
 Location: Kurasini-Vijibweni ocean cross
 Year: 2011-2012
- 21. Name of assignment or project:** Consultancy Services for Detailed Design, Supervision of Construction Works of Selected Rural Roads in Morogoro, Iringa and Ruvuma Regions. Funded by EDF.
Employer: SMEC International Pty Ltd
Location: Tanzania
 Year: 2011-2012

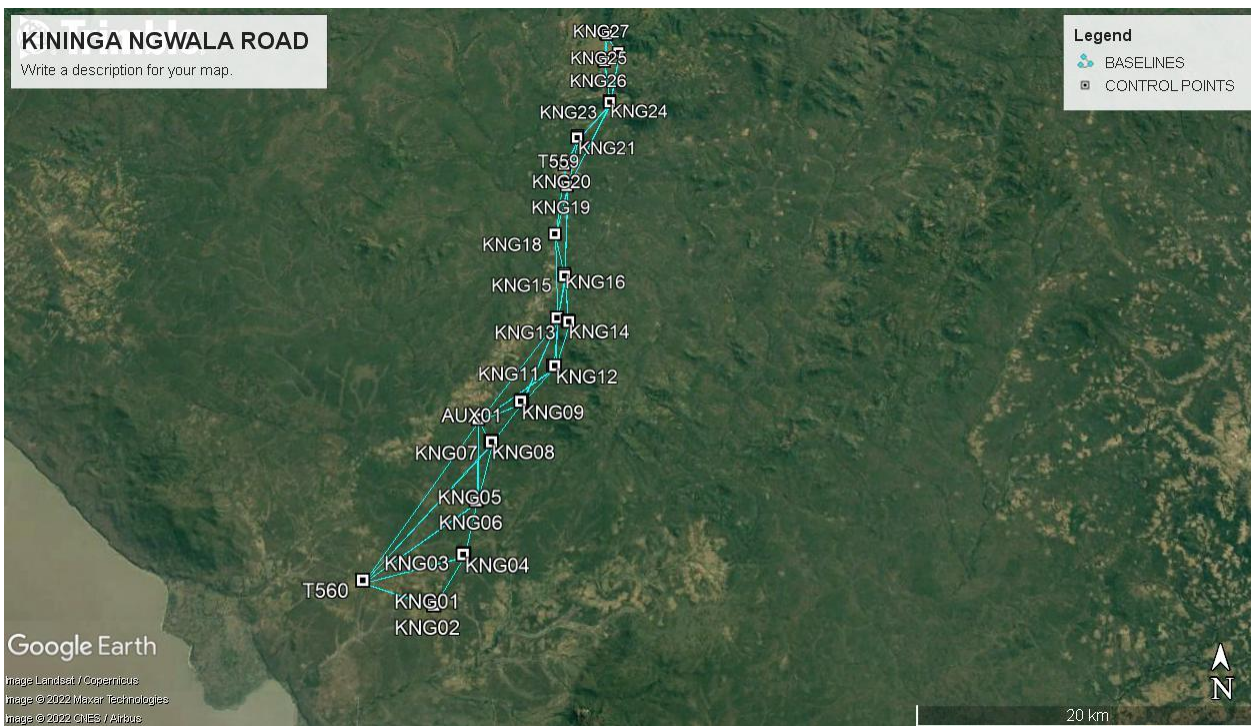
- 22. Name of assignment or project:** Feasibility Study and detailed engineering design for the upgrading of Kayunga-Galiraya Road (88.5km). Uganda. Funded by the African Development Fund (ADF)
Employer: SMEC International Pty Ltd
Location: Uganda
Year: December 2012 – 2013
- 23. Name of assignment or project:** Detailed engineering design for Kikagati and Nsongezi Hydropower project. Funded by the East African Community.
Employer: NewPlan Uganda/Norplan Tanzania Ltd.
Location: Along Kagera River Tanzania/Uganda
Year: 2009-2011
- 24. Name of assignment or project:** Detailed engineering design for the upgrading of Mafinga - Igawa Road (142km). Funded by the AfDB.
Employer: Kyong Dong Engineering Consultant – Korea/Ambicon Engineering Ltd.
Location: Tanzania
Year: 2011 to 2012
- 25. Name of Assignment or Project:** Supervision of Rehabilitation of Isaka - Lusahunga road (242 km)
Employer: SMEC International Pty Ltd
Location: Tanzania
Year: January 2010 - to Date
- 26. Name of assignment or project:** Preparation of Preliminary and Detailed Engineering Designs, Cost Estimates and Bidding Documents, and Environmental and Social Impact Assessments for the Investment Sub-Projects for **Mwanza City and Kigoma Municipality** under the proposed **Tanzania Strategic Cities Project. Funded by World Bank.**
Employer: UWP Consulting (Tanzania) Limited
Year: 2009 - 2010
- 27. Name of assignment or project:** Preparation of Preliminary and Detailed Engineering Designs, Cost Estimates and Bidding Documents, and Environmental and Social Impact Assessments for the Investment Sub-Projects for **Tanga City and Arusha Municipality** under the proposed **Tanzania Strategic Cities Project. Funded by World Bank.**
Employer: UWP Consulting (Tanzania) Limited
Year: 2009 - 2010
Location: Tanzania
- 28. Name of Assignment or Project:** Detailed Engineering Design of the Ifakara – Signali Road (18 km) Morogoro Region. Funded by; Government of Tanzania
Employer: Design Partnership Ltd
Location: Tanzania
Year: July 2009
- 29. Name of Assignment or Project:** Design review of the Tanga – Horohoro Road (68 km). Funded by; MCC-USA through MCA-Tanzania.
Employer: UWP Consulting (Tanzania) Limited
Location: Tanzania
Year: January 2009-March 2009
- 30. Name of Assignment or Project:** Detailed Engineering Design and supervision of the Kawe to TPDF Firing Range Road project (5.2 km), and construction supervision of **Community Infrastructure Upgrading Programme (CIUP) road projects in Kinondoni** and Ilala Municipality in Dar es Salaam. **Funded by, World Bank**
Employer: UWP Consulting (Tanzania) Limited
Location: Tanzania
Year: 2007-2008

- 31. Name of Assignment or Project:** Engineering Design review of the Songea – Mbinga-Mbambabay Road (145 km).
Funded by; MCA-Tanzania
Employer: UWP Consulting (Tanzania) Limited
Location: Tanzania
Year: March 2009 to July 2009
- 32. Name of Assignment or Project:** Engineering study and detailed design of the Maligisu bridge in Magu District, Mwanza Region. Funded by; Government of Tanzania
Employer: Howard and Humphreys (T) Ltd
Location: Tanzania
Year: December 2008
- 33. Name of Assignment or Project:** Detailed Engineering Design and Preparation of Tender Documents for Upgrading of Kidahwe – Kasulu – Kibondo – Nyakanazi (304 km) Road to Bitumen Standard. Funded by; Government of Tanzania
Employer: SMEC International Pty Ltd
Year: February 2008 to October 2009
- 34. Name of Assignment or Project:** Detailed Engineering Design and Preparation of the Bidding Documents for the Rehabilitation of Korogwe-Mkumbara-Same Road. Funded by World Bank
Employer: SMEC International Pty Ltd
Year: April 2005 – March 2006
- 35. Name of Assignment or Project:** Engineering study and detailed design of the Sukuma bridge in Magu District, Mwanza Region and Lukuredi Bridge in Lindi Region. Funded by; Government of Tanzania
Employer: Norplan (T) Ltd
Location: Tanzania
Year: July 2007-December 2007
- 36. Name of Assignment or Project:** Detailed Engineering Design of the Songea – Mbinga-Mbambabay Road (145 km).
Funded by; MCC - USA
Employer: UWP Consulting (Tanzania) Limited
Location: Tanzania
Year: July 2007 to December 2007
- 37. Name of Assignment or Project:** Detailed Engineering Design of the Kilombero Bridge and its approach Road (11km).
Funded by; Government of Tanzania
Employer: Engineering Research Associates (Consulting Engineers)
Location: Tanzania
Year: April 2007 to June 2007
- 38. Name of Assignment or Project:** Detailed Engineering Design of the Mwandiga – Manyovu Road (60 km) in Kigoma.
Funded by; Government of Tanzania
Employer: Kapsel/UWP/UNDI/Ambicon Consulting Engineers
Location: Tanzania
Year: January 2007 to April 2007
- 39. Name of Assignment or Project:** Detailed Engineering Design of the Dodoma – Babati Road (263 km). Funded by, Government of Tanzania
Employer: Carl Bro Consulting Engineers
Location: Tanzania
Year: December 2005 to June 2006
- 40. Name of Assignment or Project:** Detailed Engineering Design of the Bwanga – Uyovu Road (45 km).
Employer: Design Partnership Ltd Consulting Engineers
Location: Tanzania

Year: October 2005 to December 2005
SOME PHOTOGRAPHS TAKEN DURING FIELD OPERATION IN OUR SEVERAL PROJECTS.



Construction of survey Primary Control Points



GPS Triangulation network



Field operations during Static GPS observations



Features or Detail/Topographical survey by total station on big structures like bridge and culvert sites



Heighting survey control points by conventional level method



Ground Control Point Markers for Aerial Survey



Installation and Observation of the GCPs during Drone survey for High resolution cloud free aerial orthomosaic imagery.



High Resolution aerial orthomosaic image from Drone survey



Survey Control extension during TSCP project in Mwanza city year 2014

THE NATIONAL COUNCIL OF PROFESSIONAL SURVEYORS
TANZANIA



CERTIFICATE

No. 180.....

*This certificate is issued under the provisions of the
Professional Surveyors (Registration) Act 1977
and certifies that* SEBASTIAN B. K. BEBWA

(A Land Surveyor)

*is registered by the National Council of Professional
Surveyors as a Fully/~~Provisionally~~/~~Temporarily~~
Registered Surveyor.*

Authority for this registration was granted on

*Eighteenth day of April (month) in the
year 1997*

[Signature]
Chairman

LS

[Signature]
Secretary

Delete whichever is inapplicable.



One of heavy duty Field vehicles during fieldwork at Kayunga area in the Republic of Uganda



GPS OBSERVATION DURING KAYUNGA - GARILAYA DETAILED DESIGN IN UGANDA



GPS OBSERVATION AT NEW SALENDER BRIDGE SITE