



KENYA SPACE AGENCY

Possibilities beyond our skies

Proposed Construction of a Commercial Spaceport in Malindi

Presentation by:

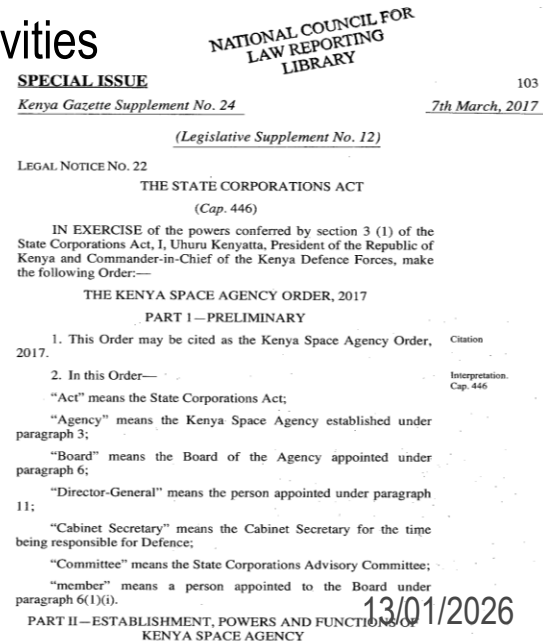
Mr. Aloyce Were



Introduction

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- ❑ KSA established as a State Corporation through Executive Order, the KSA Order 2017, Legal Notice No. 22 of 7 March 2017.
- ❑ Mandate - **Promote, coordinate and regulate** space-related activities
- ❑ Key functions:
 - **Enhance utilization** of space services and technologies for **socioeconomic development**.
 - Development of **national space capability**.
 - Promotion and nurturing of **national space economy**.
 - Awareness creation





Scope

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- Introduction
- Scope
- Aim
- Kenya Space Policy
- Strategic Objectives
- History of launch in Kenya
- TA Service Scope
- Key Deliverables
- TORs
- Tentative Timelines
- End



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Aim

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To apprise interested bidders on the Scope of Transactional Advisory Services Sought with respect to the planned development of a Commercial Spaceport through PPP.



Kenya Space Policy

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Policy Goals

#1

To utilize space technology for national socio-economic development and improvement of quality of life for the citizenry

#2

To develop national space capability that inspires national pride



#3

To protect national interests and enhance national security



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Strategic Objectives

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POLICIES



Promote research, development and innovation

Promote resourcing and investment in space infrastructure and facilities

Promote the growth of the domestic private space industry

Promote national and international cooperation

Develop technical capacity and competence for growth of the space sector



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History of Launch in Kenya

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- ❑ Satellite Marco Equatorial Range established in 1964 as a cooperation space program between USA and Italy.
- ❑ **27 launches** conducted between 1964 and 1988.
- ❑ Now operates as Luigi Broglio-Malindi Space Centre for tracking of satellite launches; acquisition of scientific satellite data for studies & research in Astronomy.



KSA

13/01/2026



Why a Spaceport in Kenya?

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- ❑ Kenya's **geographical position** straddling the equator and an east facing coast offers it **natural** and **distinct advantages** for a spaceport.
- ❑ East facing coast allows recovery of rocket parts downrange with no danger to habitation.
- ❑ Earth's rotational speed is highest closer to the equator **giving launch vehicles a natural speed boost** for the spacecraft to accelerate into space, thus **requiring less fuel**, and **substantially reducing cost of launch**.
- ❑ **Good weather** allows launch activities to occur **all year round**.
- ❑ Availability of **good maritime ports** (Kilindini and Lamu) as well as airports (JKIA and MIA) **facilitate shipping** and **global supply chain** for rockets and auxiliary assemblies/parts, as well as the propellant.

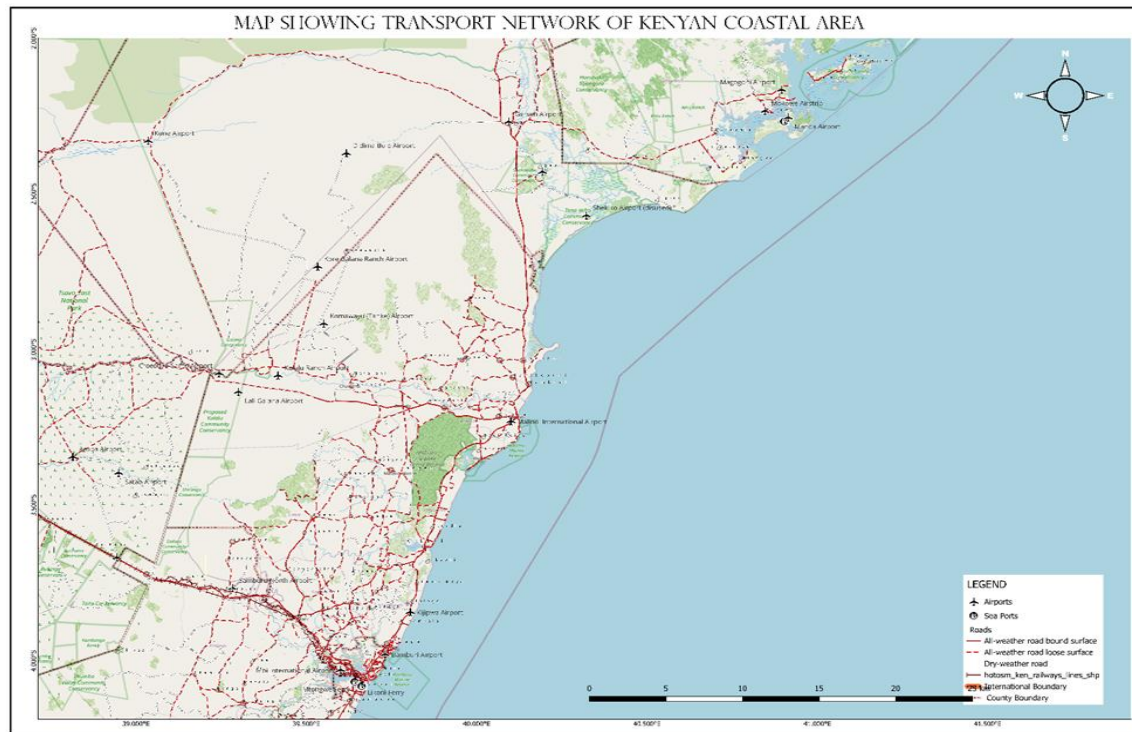


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Supporting Infrastructure

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Airports

- Moi International Airport - MBS
- Malindi international Airport

Seaports

- Manda Airport
- Lamu Port
- Mombasa Port

Road Network

- Reliable road network



TA Services Scope

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- Phase I
 - ▣ Undertake the PPP feasibility Study
 - Technical feasibility and commercial options analysis
 - Financial feasibility
 - Economic and social cost Benefit Analysis
 - Legal feasibility
 - Environmental and Social feasibility
 - ▣ Development of the Project Implementation Tool
 - ▣ Project Marketing
 - ▣ Preparation of transaction documents for PPP approvals up to Development, phase



TA Services Scope

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- Phase II
 - ▣ Tender Documents Development
 - ▣ Tender process organization
 - ▣ Support to Transaction through Financial Close including contract negotiation



TA Services Scope

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- Phase III
 - ▣ Project based Learning
 - ▣ Capacity building
 - ▣ Knowledge and skills transfer



Key Deliverables

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- Phase I
 - ▣ Inception Report
 - ▣ Draft feasibility study phase deliverables
 - Feasibility Study Report
 - Site selection and suitability assessment
 - Draft Preliminary ESIA report
 - Land acquisition plan.
 - Market sounding report
 - Project Financial Model
- ▣ Updated Feasibility Study Phase Deliverables including:
 - Feasibility Study Report
 - Finalized Preliminary ESIA report
 - RAP and Land acquisition plan
 - Market sounding report
 - Project Financial Model
 - Communication Strategy and Plan



Key Deliverables

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- Phase II
 - ▣ RFQ Stage procurement documentation
 - ▣ RFP bidding stage document
 - ▣ PPP project Agreements, design criteria & performance Specifications
 - ▣ Completion of the RFP bidding process and evaluation of bids, and delivery of the evaluation report
 - ▣ Draft Project Agreement & Negotiation Report
 - ▣ Commercial Close, Project's contract management framework and case study
 - ▣ Financial Close



TORs

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General experience

- Experience in project structuring, financial modelling, financial analysis, financial advisory, procurement, and negotiations of Project-finance or PPPs with evidence of having led Transaction Advisory assignments on at least two (2) Project-finance or PPP/PFI projects, which have financially closed projects (only experience in the last 10 years will get credit, with preference given for more recent experience);
- Experience in planning, design, and implementation/construction supervision of large infrastructure projects entailing civil works (only experience in the last 10 years will get credit, with preference given for more recent experience).
- Experience in procurement for large infrastructure projects via a turnkey procurement route to a public contracting authority (only experience in the last 10 years will get credit, with preference given for more recent experience).
- Experience in consultancy for operations and maintenance of large infrastructure projects (only experience in the last 10 years will get credit, with preference given for more recent experience);



TORs

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Specific Experience

- Experience in undertaking feasibility, design and managing implementation/ construction supervision of complex space infrastructure projects, including vertical and horizontal spaceports or launch facilities. (only experience in the last 15 years will get credit, with preference given for more recent experience);
- Experience in the design, development and operations of solid and liquid propellant launch vehicles including sounding rockets. (only experience in the last 15 years will get credit, with preference given for more recent experience)
- Experience in providing consultancy on the operations and maintenance of commercial spaceports/ space launch facilities with demonstration of experience in development of operational safety standards and procedures of launch and launch systems including range safety procedures. (only experience in the last 10 years will get credit, with preference given for more recent experience)



TORs

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Specific Experience Cntd

- Experience in undertaking environmental and social impact assessments for high hazard projects such as energy generation projects, hydrogen projects, on and offshore oil and gas, similar transport projects, marine projects (experience in the last 10 years will get credit, with preference given for more recent experience); Additional experience in providing consultancy on process safety and risk management primarily in international high hazard industry sectors specifically the space, energy/energy transition/hydrogen, on and offshore oil and gas, chemical, pharmaceutical, transport or marine sector will get additional credit.
- Experience in providing consultancy on security/threat analysis (local and international, physical and cyber) for spaceports systems or similar infrastructure. (experience in the last 10 years will get credit, with preference given for more recent experience);
- Experience in launch and payload operator analysis. (experience in the last 10 years will get credit, with preference given for more recent experience)



TORs

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Specific Experience Cont'd

- Experience in space activity regulation and licensing (experience in the last 10 years will get credit, with preference given for more recent experience);
- Experience in the development of handling procedures, transportation and storage of dangerous goods and materials related to space systems. (experience in the last 10 years will get credit, with preference given for more recent experience);
- Demonstrated experience in financial advisory, commercial analysis and/or financial modelling on a spaceport project or space launch facilities (only experience in the last 10 years will get credit, with preference given for more recent experience);
- Experience in project structuring, procurement process management and negotiations of spaceport(s) or launch facilities with provided evidence of having provided Transaction Advisory services on at least one (1) spaceport project which has completed construction and is in operation(only experience in the last 10 years will get credit, with preference given for more recent experience);



TORs

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Specific ToRs Cont'd

- Demonstrated experience in financial advisory, commercial analysis and/or financial modelling on a spaceport project or space launch facilities (only experience in the last 10 years will get credit, with preference given for more recent experience);
- Experience in project structuring, procurement process management and negotiations of spaceport(s) or launch facilities with provided evidence of having provided Transaction Advisory services on at least one (1) spaceport project which has completed construction and is in operation(only experience in the last 10 years will get credit, with preference given for more recent experience);



Proposed Tentative Timelines

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No.	Activity	Proposed Timelines
1.	Advertisement on MyGov, KSA, PPPD and PIP websites	16 December, 2025
2.	Pre-Bid Conference (<i>6 Days after Bid Advertisement</i>)	9 January, 2026
3.	Bids Submission/Opening (<i>30 Days from Pre-bid date</i>)	13 February, 2026
4.	Bid Evaluation (21 Days)	6 April, 2026
5.	Approval by Accounting Officer	13 April, 2026
6.	Issuance of Notification of Intention to Award (NOITA)	17 April, 2026
7.	Fourteen days stand still period	3 May, 2026
8.	Issuance of Award Letter if no appeal is received in 7 above	10 May, 2026
9.	Contract Signing	13 May, 2026