



**MINISTRY OF LANDS, HOUSING AND URBAN DEVELOPMENT
Plot 13/15 Parliament Avenue P.O Box 7096 Kampala**

REQUEST FOR EXPRESSIONS OF INTEREST

(CONSULTING SERVICES– FIRMS SELECTION)

Assignment: CONSULTANCY SERVICE TO DEVELOP THROUGH A PARTICIPATORY PROCESS GUIDELINES AND CRITERIA FOR DEFINING, SHARED INFRASTRUCTURE CORRIDORS IN UGANDA, AND TO ALIGN AND MAP THE DEFINED EASTERN ARM (KAMPALA TO MALABA) OF THE MAIN SPINE OF THE NATIONAL INFRASTRUCTURE CORRIDOR.

Reference No: MLHUD/PP/CONS /20-21/00019

1. Background;

Government has prioritised infrastructure development to spur socio-economic growth and development of the Country. As a landlocked country, Uganda's physical infrastructure is an integral part of its regional and international competitiveness. Access to and efficiency of infrastructure is therefore of paramount importance to Uganda's competitiveness. One of the priority program areas for NDPIII is an integrated transport infrastructure and services. Among the objectives to the program is to reduce the cost of transport infrastructure and services and promote integrated land use and transport planning.

Meaningful infrastructure development can only happen when there is effective and timely acquisition of land and its subsequent securing¹. Government acquires land for construction of national roads and railway lines, oil pipelines and oil wells, dams, power lines and other electricity networks, housing, sewerage systems, internet cables (Optic Fibre), water pipelines and industrial parks, among others.

There are a number of challenges facing infrastructure development in Uganda today, ranging from land acquisition, land management, land registration, land

administration and through to physical planning as well as inadequate centralized database that can support efforts to curb illegal land use practices within and along the infrastructure corridors.

A number of Agencies including Parliament have emphasized the need to come up with a framework that coordinates land acquisition for Government infrastructure and secures and safeguards the acquired land. Shared infrastructure Corridors are proposed as this framework.

2. Objectives;

The main goal of this project is to *ensure increased readiness for public investment projects at national level*. The overall objective of this assignment is a two-fold; to develop through a participatory process guidelines and criteria for defining, shared Infrastructure Corridors in Uganda, and to align and map the defined eastern arm (Kampala to Malaba) of the Main Spine of the National Infrastructure Corridor.

3. Specific objectives

- i. To determine compatibilities and incompatibilities between different linear infrastructure and utilities that may share a right of way
 - ii. To determine the minimum distance required between different infrastructure and utilities sharing a right of way.
 - iii. To propose engineering design options to deal with incompatibilities determined in 1, above.
 - iv. To identify circumstances that may force particular infrastructure services to veer off from a shared infrastructure corridor.
 - v. To make any other recommendations necessary for effective definition of shared infrastructure corridors.
 - vi. To map and align the defined shared infrastructure corridors of the eastern arm (Kampala to Malaba) of the Main Spine of the National Infrastructure Corridor
4. The Ministry of Lands, Housing and Urban Development now invites eligible consulting firms (“Consultants”) to indicate their interest in providing the Services.
 5. Interested Consultants should provide information in form of brochures, company profiles, etc., demonstrating that they have the required qualifications and relevant experience to perform the Services. The Consultants should indicate their interest in providing the Services by responding to this request for expression of interest.
 6. The Expression of Interest will be evaluated based on the Public Procurement and Disposal Act and Regulations (2003 and as amended) and each Firm will need to submit **5 copies** of the documents (**soft copy [PDF] & hard copy**).
 7. The short listing criteria:

Firms shall be evaluated based on the following criteria:

- (i) Eligibility requirements including:
 - a. Valid practicing and/or trading license 2020 or its equivalent,
 - b. Certificate of incorporation or Registration and all other legal documents
 - c. All Company legal documents including Memorandum and Articles of Association and registered powers of attorney.
- (ii) Proven experience in the preparation of Infrastructure corridor plans and programs in developing countries.
- (iii) The Consultant shall present at least five similar assignments as reference to prove possession of the above competences
- (iv) Presence of skills among the consultant's personnel and in adequate numbers in the following areas:

a. Team Leader

The Team Leader should hold a Bachelor's Degree in Civil Engineering and a Master's Degree in either Infrastructure Planning and Management or Civil Engineering. S/He should have PhD in Civil Engineering or at least certified project manager with PRINCE II or PMP certification. The Team Leader shall be a registered Civil Engineer with not less than 20 years' postgraduate experience in infrastructure planning and Management, The Team Leader shall have specific experience working in, and managing multidisciplinary team of consultants working on planning of shared linear infrastructure in developing countries and also have a working knowledge of World Bank procedures.

The Team Leader shall be responsible for the development of guidelines and criteria shared infrastructure corridors and also define, align and map the shared infrastructure corridors in Uganda (the Eastern Arm), therefore shall be the principal contact person between the Consultant and the Client. In addition, the Team Leader is expected to synthesize the respective/specific reports and drawings on the shared infrastructure requirements and alignment to come up with a consolidated deliverable for the assignment. S/He will do quality assurance and ensure adherence to the project time lines with due diligence

Fluency in written and spoken English is mandatory.

b. Highway Engineer

The Highway Engineer shall hold a Bachelor's Degree in Civil Engineering and a Master's Degree in Highways or Transportation Engineering with a minimum of 15 years post-Graduate experience on highway designing projects of which at least 8 years working experience in the developing countries and should be registered with a professional Engineering Body.

S/he should have proven ability to participate in a project of this nature and experience of working in multidisciplinary environment. S/he will be responsible for inputting all the requirements for routing, defining and aligning the highways in the shared infrastructure corridor considering the minimum space, design, intermodal change requirements among others.

Fluency in both written and spoken English and ability to communicate ideas freely and easily is essential.

c. Railway Alignment Engineer

The Railway Alignment Engineer shall be a Registered Engineer with a Bachelors' Degree in Civil Engineering and Master's Degree in Railway engineering with a minimum of 15 years post-Graduate experience in Planning, scheduling, conducting and coordinating track 2D and 3D alignment design for rail projects. S/He should have experience in the following;

- Performing concept, preliminary, detailed design alignments (vertical and horizontal) engineering design and/or reviewing the design and drafting work of engineers, designers and drafters,
- Preparing and reviewing geometric details of track alignment including horizontal and vertical curves and curve data,
- Preparing or overseeing the preparation of final plans and reports and submitting them for approval, this may include special track work such as turnouts, crossovers and diamond crossings,
- Managing quality control reviews for track alignment design within the project corridor,
- Conducting or overseeing personnel involved in track alignment engineering investigation and planning work,
- Coordinating, monitoring and tracking work with other design and construction interfacing disciplines, planners etc. At least 6 years working experience in developing countries is desired.

S/he will be responsible for inputting all the requirements for defining and aligning the railways in the shared infrastructure corridor considering the minimum space, design, intermodal change requirements among others.

Fluency in both written and spoken English and ability to communicate ideas freely and easily is essential.

d. Electricity Transmission Engineer

The Electricity Transmission Engineer shall be a Registered Engineer with a Bachelors' Degree in Electrical Engineering and A Master's Degree in either Electrical Engineering or Power System Engineering or Power Transmission and Distribution Engineering.

S/he must have at least 15 years' professional experience in;

- Laying out plans and estimating costs for constructing transmission lines,
- Data collection on proposed route to right-of-way for obtaining pertinent data for planning lines and necessary permission for easements;
- Route optimisation and tower spotting of electricity transmission lines
- Performing detailed engineering calculations to draw up construction specifications, such as cable sag, pole strength, and necessary grounding;

S/he will be responsible for inputting all the requirements for defining and aligning the electricity within the shared infrastructure corridor considering it ROW with other infrastructure

Fluency in written and spoken English is essential.

e. Optic Fibre Network Planning Engineer/Telecom Engineer

The Optic Fibre Network Planning Engineer must possess Bachelor's Degree in Telecommunications, IT, Computer Science or Electrical Engineering, and at least 15 years' experience in;

- Designing suitable civils and fibre optic infrastructure which are cost-effective, fit-for-purpose and, where required, future-proof,
- Produce detailed industry-standard documentation of that design,
- Developing, implementing and championing City and regional Optic Fibre network topologies, Data quality assurance within City and region Optic Fibre asset and customer management systems, and

S/he should have detailed understanding of all aspects of civils route planning, detailed understanding of all aspects of Fibre planning, full understanding of the National Information Technology Authority Uganda (NITA-U) and Uganda Communications Commission (UCC) regulations in respect to information technology and other detailed industry-standard level of survey, installation and as-built documentation, Knowledge and understanding of lit fibre services.

Fluency in written and spoken English is essential.

f. Hydrologist

The Hydrologist shall hold a Bachelor's and Master's Degree in Civil Engineering with specialization in hydrology, hydraulic and drainage structures and the use of flood design models with not less than 15 years' experience in either road/bridge construction, railway construction, Oil and gas pipe line works, power transmission and distribution, water and sewerage projects among others of which not less than 6 years should have been gained on projects of similar nature, preferably in Tropical countries. Membership of a recognized professional institution is a must.

The Hydrologist shall be responsible for determining storm water management requirements of the infrastructure corridor. Additionally, s/he will assess conditions of existing 'rigid' infrastructure with a view to achieving aligning new elements along it.

The hydrologist should be proficient in design of hydraulic structures and the use of flood design models, particularly on major highways, motorways and expressways in a similar nature. Fluency in both written and spoken English and ability to communicate ideas freely and easily is essential.

g. Environmental Specialist

Should hold a Bachelor's Degree in Environmental sciences and a Master's Degree in Environmental Engineering / Science / Management with at least 15 years' general experience and with 6 years of relevant experience working on infrastructure projects and World Bank funded Projects. The expert should be registered with NEMA or an equivalent body in their country of origin and duly authorized to carry out such works.

The Environmental Specialist should be proficient in the preparation and/or review of project environmental impact assessments, environmental management plans, capacity assessment and institutional strengthening, public consultation plans, health and safety management/plans, emergency/contingency plans, or other related project environmental plans/studies, environmental project management; Knowledge and experience related to environmental impact assessment and management in various sectors, such as water supply and sanitation, energy, transportation, urban development, natural disaster management, agriculture and rural development, health, and education; understanding of the environmental regulatory and institutional framework in developing countries; Knowledge and experience with World Bank Environment and Social Framework, safeguard policies and procedures (environmental assessments, natural habitats, pest management, forests, physical cultural resources, and safety of dams)

Overall the expert should have qualification in impact, assessment and analysis of SESA, SEA or complimentary field

S/he will take lead on the overall environmental concerns in the guidelines, defining, alignment and mapping of the shared infrastructure corridors in Uganda

h. Social Development Expert

Should hold a Bachelors and a Master's Degree in Social Work, Sociology, Anthropology or related Social Sciences with 10 years general experience and five years of experience in social development topics, including social safeguards, social inclusion, gender integration and ethnic minorities; Knowledge and experience in addressing issues covered by the World Bank Environmental and Social Framework (ESF) SESA and social safeguards policies, particularly involuntary resettlement, labor and working conditions, community health and safety, Indigenous Peoples, stakeholder engagement and information disclosure and/or similar policies in other international finance institutions in complex and challenging settings, and across sectors; Experience with grievance redress mechanisms; Extensive experience with involuntary resettlement and integration of relevant planning instruments such as Resettlement Action Plans and Indigenous Peoples Plans in overall project planning and implementation; Strong operational (task management) and analytical skills and demonstrated ability to translate analytical work into policy advice and actionable, practical recommendations; and Proven experience in engaging in policy dialogue with government, development partners in at least 2 relevant social development areas.

Responsible for all Social aspects in the guidelines for defining infrastructure corridors in Uganda.

S/he will be responsible for all Social aspects in the guidelines, defining, aligning and mapping of the shared infrastructure corridors in Uganda

i. Land Surveyor

A minimum of a Bachelor's Degree in Land Surveying and post graduate degree in GIS or relevant field and having at least 15 years' experience in the road sub-sector and related assignments. S/he shall be a Registered Surveyor with a relevant professional body.

S/he should have the following experience;

- Proficient in establishing fixed points for use in making maps, using geodetic and engineering instruments.
- Proficiency in working with RTK, GIS and any other system to perform surveys and drafting of maps;
- Analyze survey objectives and specifications in order to prepare survey proposals or to direct others in survey proposal preparation; computing geodetic measurements and interpreting survey data in order to determine positions, shapes, and elevations of geomorphic and topographic features; develop criteria for survey methods and procedures; locating and marking sites selected for geophysical prospecting activities,
- Directing aerial surveys of specified geographical areas; and determine specifications for photographic equipment to be used for aerial photography, as well as altitudes from which to photograph terrain.

To lead on all aspects related to topography and in defining, aligning and mapping of the infrastructure corridors in Uganda.

j. Petroleum Pipeline Engineer

The Petroleum Pipeline Engineer shall at minimum have a Bachelor's and Master's degree in Civil and Petroleum Engineering. S/he shall be registered with a relevant Professional Body. S/he must have at least 15 years of experience and should have participated in the delivery of cross country pipelines that transport oil, natural gas, petroleum products, slurry, water, and industrial gases for government and private customers.

S/He will be responsible for all aspects related to oil and gas pipelines in developing guidelines defining, aligning and mapping of the infrastructure corridors in Uganda.

Fluency in written and spoken English is essential.

k. Physical Planner

The Physical/Spatial Planning Expert shall at minimum have a Bachelor's Degree in Urban and Regional Planning or Town and Country Planning or Land Use Planning, or a relevant first degree plus a Master's degree in a spatial planning field. The expert should have Master's degree in a related field. He/She must be registered with a recognized professional body.

He/She should have 15 years working experience in infrastructure and land use planning related assignment. He/She should be fluent in written and spoken English. The Physical Planner will provide physical planning input in the assignment.

l. Transport Economist

The Transport Economist shall at minimum have a Bachelor's and Master's degree in Transport Economics or related discipline. S/he must have at least have 15 years of experience and knowledge in transport economics, financial appraisal of large infrastructure projects/programs and business case preparation for infrastructure projects. He/She should be fluent in written and spoken English. Knowledge of Linear infrastructure modelling software is an added advantage

m. Lawyer

The Lawyer/legal expert shall have a Bachelor's degree in Law with a minimum of 15 years in institutional and organizational analysis, contract law, PPPs and infrastructure planning and development. In addition, the expert should have a legal practicing license

8. Consultants may associate with other firms in the form of a joint venture or a sub-consultancy to enhance their qualifications. However, the EOI should specify the nature of association i.e. whether joint venture or sub-consultancy.
9. A Consultant will be selected in accordance with the Quality and Cost Based Selection (QCBS) method set out in the Consultant Guidelines.
10. Further information can be obtained at the address below during office hours

from **08:00 to 17:00 hours (Local Time):**

The Head of Procurement and Disposal Unit

Ministry of Lands, Housing and Urban Development,

First Floor, Room 17 Parliament Avenue,

Kampala- Uganda

Telephone +256 414 345298

E-mail: bids.procurement@mlhud.go.ug or pdumlhud@gmail.com,

11. Written Expressions of Interest must be delivered physically or by courier to the address above by **10:00 am on 16th December 2019.**

12. Proposed Schedule

Activity	Date
Invitation for Expression of Interest (EOI)	1st December 2020
Closing Date for Submission of (EOI)	16th December 2020
Short listing and process and necessary approvals	17th – 31st December 2020
Issuance of RFP	6th January 2021
Pre-Bid Conference	14th January 2021
Closing Date for Submission of Proposals	28th January 2021
Evaluation of Technical and Financial Proposals	1st to 15th February 2021
Negotiations and contracting	26th February 2021

D.W. Okalany
Permanent Secretary