



MINISTRY OF LANDS, PUBLIC WORKS, HOUSING AND URBAN DEVELOPMENT

State Department for Housing and Urban Development
Urban Development Department

Second Kenya Urban Support Program (KUSP 2)

Project No.: P177048

IDA Grant No. E208-KE

(FIRM SELECTION)

Terms Of Reference For

Consulting Services for Municipality-Wide Road and Storm Water Infrastructure Master Planning and Identification of Two (2) Priority Road Corridors and Associated Storm Water Drainage & NMT Systems for Dadaab-Hagadera and Kakuma Municipalities in Kenya

CONTRACT NO. KE-MOTI-573511-CS-QCBS

OCTOBER, 2026

1. INTRODUCTION

1.1 Introduction

The Government of Kenya, through the State Department for Housing and Urban Development (SDHUD) in partnership with the Council of Governors (CoG), is implementing the Second Kenya Urban Support Program (KUSP II) with support from the World Bank. KUSP II builds on the gains made through KUSP I, which facilitated the establishment and operationalization of municipalities nationwide and supported the development of critical urban infrastructure. The programme consolidates these gains by enhancing institutional capacity, strengthening planning systems, and guiding the preparation and delivery of climate-resilient urban services and infrastructure across Kenya's urban areas. It particularly provides technical assistance, capacity development, and incentives to counties and municipalities to improve urban planning, service delivery, and infrastructure development. Given KUSP II's emphasis on integrated planning and climate-resilient investments, SDHUD now intends to procure consultancy services to support the systematic assessment of infrastructure needs and carry out feasibility studies, preliminary and detailed designs, urban infrastructure master plans, prepare procurement documents and environmental/social safeguard instruments for two (2) prioritized projects per municipality.

1.2 Background and context of the assignment

The Kenya Urban Support Program Phase II (KUSP II) is a national initiative aimed at fostering sustainable urban development and strengthening municipal governance in Kenya. The program builds on the success of KUSP I, focusing on improving infrastructure, enhancing service delivery, and supporting the integration of marginalized and refugee-host communities. KUSP II is designed to address the rapid urbanization challenges facing Kenya's municipalities, ensuring well-planned, resilient, and economically vibrant cities.

The KUSP II Project Development Objective (PDO) is to strengthen the capacities of the participating municipalities and cities to enable them to have (i) an improved delivery and resilience of urban infrastructure and services, (ii) enhanced private sector engagement in urban planning, and (iii) supportive transition of refugee camps into integrated host community and refugee settlements. In the end, KUSP II will (a) directly benefit the national government and urban boards through Program management, technical assistance, national level institutional and capacity development support, and (b) incentivize County governments and urban boards through Urban Institutional Grants (UIGs) and Urban Development Grants (UDGs).

To achieve the Program development objectives (PDO), KUSP II has been structured around five (5) Result Areas (RAs) as follows:

RA 1: Strengthened institutions for urban service delivery. Strengthening the management of urban institutions for improved urban service delivery, through inter alia,

institutional capacity building, enabling the delegation of functions, enhancing municipal human resources management and financing, and improving citizen participation.

RA 2: Integrated planning for inclusive and resilient urban areas. Enhancing the planning and development control capacity of urban institutions, through inter alia, strengthening planning instruments, including climate change and gender considerations, and improving their implementation and monitoring through appropriate development control tools and capacity.

RA 3: More inclusive and resilient urban services and infrastructure. Improving access to urban infrastructure and services, as well as strengthening their resilience and sustainability through inter alia, enhancing the capacity for planning, design and implementation of climate-resilient and inclusive urban investments, developing asset registries and management plans, and enhancing operation and maintenance budget of urban institutions.

RA 4: Improved private sector engagement. Enhancing the private sector's contribution to urban planning and development through inter alia, supporting the development and implementation of an engagement framework and promoting urban development plans informed by dialogue with the private sector.

RA 5: Improved integrated development for refugees and host communities. Supporting the transition of refugee camps into integrated host community and refugee settlements, through inter alia, the establishment and capacity building of unified urban institutions to lead joint planning, infrastructure and service delivery, and economic activity and social cohesion interventions.

This current study assignment is under Result Area 3 and 5. The assignment is intended to support participating municipalities to develop a prioritized pipeline of climate-resilient, socially inclusive, technically feasible and procurement-ready urban infrastructure investments consistent with the KUSP II's Program Operations Manual (POM), Urban Development Grant (UDG) financing framework, and the World Bank's PfoR principles. The design of these investments through this assignment is also required to be aligned with the Local Physical and Land use Development Plans (LPLUDPs) and Integrated Development Plans (IDePs) of the respective municipalities, especially through addressing planning and investment gaps in mobility and drainages & storm water management. The assignment shall strengthen municipal capacity for integrated land use and infrastructure planning, investments planning including aspects of project design and implementation, stakeholder engagement, and climate resilience and sustainability in infrastructure delivery.

2. OBJECTIVE OF THE ASSIGNMENT

2.1Overall Objective

The main objective of the assignment is to conduct, for each municipality, a municipal-wide road-sector and storm water infrastructure master planning and to identify two (2)

priority projects upon which to undertake feasibility studies, detailed engineering designs, climate risk profiling and preparation of procurement documents and environmental / social impact assessments. Additionally, the firm will also conduct Capacity Building and Knowledge Transfer through a Transfer of knowledge (training) of the counterpart municipality staff as per the requirement in KUSP II's Program Operations Manual (POM).

2.2 Specific objectives of the assignment

The specific objectives of the assignment are to:

1. Prepare, through an elaborate stakeholder and public participation process, a municipality-wide road-sector infrastructure master plan that will inventory an aerial road corridor asset footprint, alongside the documentation of their current condition (service levels & riding quality) and aligning the master plan with Local Physical and Land use Development Planning and IDeP review in line with KUSP II's programming.
2. Undertake forecast studies to quantify the future road sector needs and corresponding demands using preferably a 4-stage transport planning model (trip generation-trip distribution-modal split and traffic assignment)
3. Using an appropriate investment decision model leveraging available budget and stakeholder preferential ranking, prioritize 2no. road corridors' alignment projects together with their corresponding drainage and Non-Motorised Transport (NMT) systems for improvement.
4. Undertake feasibility study for the 2no roads' alignment projects by conducting topographical surveys (for preparation of draft geometric designs & draft bid documents), hydrological studies, hydraulic modelling (for drainage system design), geotechnical/ alignment soil investigations (for road alignment sub-grade class confirmation), traffic surveys (for traffic class computation & estimate of ultimate axle load calculation), climate risk profiling, socio-environmental assessments (for production of draft ESIA reports, A-RAPs and mitigation budgets).
5. Using appropriate analysis and project prioritization method, and through public participation, identify 2No (two) Storm Water Drainage projects, and undertake their feasibility, climate risk profiling, socio-environmental assessments (for production of draft ESIA reports, A-RAPs and mitigation budgets).
6. Based on value for money as read from benefit-cost analysis report on the feasibility designs, undertake; (i) detailed designs to facilitate preparation of final design reports, (ii) preparation of engineer's cost estimate (Bills of Quantities) (iii) Prepare final cost benefit analysis report preferably together with sensitivity analysis to firm up break-even time, (iv) market survey report complete with revenue worthiness of each of the facilities, (v) environment and social impact assessment, (vi) procurement documents and (vi) operations and maintenance manuals.
7. Based on output in (4), undertake Environment and Social risk Screening (refer to Appendix 5 of the ESHSM Manual of KUSP II) of the proposed investments and ensure they fall within the eligible investment menu as guided by the Program Operational Manual (POM).

8. Assess the governance, institutional and financial readiness of each municipality to plan, implement, the prioritized infrastructure investments, identify human resource or technical skills capacity gaps requiring targeted support.
9. Based on (8), develop technical capacity of municipality staff through a Transfer of knowledge (training) program; (i) road-sector infrastructure planning strategies, (ii) road-sector design embedding climate-resilience strategies (nature based approaches), (iii) mainstreaming of stakeholder engagement processes in infrastructure delivery, (iv) scoping of environmental and social risk screening approaches and the drafting of a corresponding mitigation plans, (v) preparation of procurement documents as per PPRA's guidelines, (vi) infrastructure project supervision and contract management, and (vii) asset management. All (i-vii) to be realized through a structured training plan and on-the-job mentorship.

3. SCOPE OF THE CONSULTING SERVICES AND SPECIFIC TASKS

3.1 Scope

The scope of the assignment shall include the identification, prioritization, and preparation of two (2) climate-resilient road alignment investment incorporating storm-water drainage, NMT systems and a comprehensive road network master plan (integrating the carriageway, footpaths, streetlighting and associated auxiliary facilities) per municipality, in alignment with the KUSP II's guidelines on; eligible investment menu and Program Operations Manual (POM). The assignment shall cover the full project preparation cycle, including assessments and surveys, project prioritization, E&S risk screening, feasibility studies, climate risk and vulnerability assessments, stakeholder engagement, environmental and social impact assessments, detailed engineering design, and preparation of procurement-ready documentation for implementation.

The specific tasks (using stakeholder engagement approach) are to:

3.2.1 Road-Sector Infrastructure Inventory & Baseline Condition Assessment: For each municipality, develop an inventory and conduct a comprehensive condition assessments and analyses of the level of service. In parallel and using a participatory approach develop a road network and associated stormwater drainage and NMT system master plan linked to LUPDPs. From the masterplan midwife the prioritization of 2no road alignment (together with their associated drainage, nmt and auxiliary facilities) for investment under the approved IDePs and KUSP II's guideline. The assessments and analyses shall include, but not limited to:

- A coordinated leveraging with all other ongoing infrastructure planning output activities in the municipalities being undertaken by other agencies with common interest
- Assessment of condition of the existing road sector infrastructure, including their classification or their potential classification, usage and capacity levels, service standards, and operational conditions across the municipalities.

- Use transport demand approach to document trip generation, trip patterns/ distribution, travel modes and times and O-D surveys and mix traffic volumes and possible route assignments
- Analysis of land use patterns/activity sites and existing road infrastructure network connecting them and a corresponding existing transportation demand analysis. From the latter, conduct demand forecast into the future using a consensually agreed time horizon. From the ultimate demand, identify 2no road corridors for immediate investment consideration alongside the associated storm drains, nmt and auxiliary facilities such as bus-stops, streetlighting, public high flood lighting within identified public open spaces (themselves developed).
- Analyse local and regional linkages analysis of the internal municipal road network and or transportation corridors.
- Develop a comprehensive technical report, a geo-linked inventory and related data sets generated for the sector.

3.2.2 Storm Water Management Assessments and Drainages system Analysis: For each municipality, conduct assessment surveys for critical drainages and storm water management system (either standing alone as flood risk reliefs, surface water harvesting or roadside drains). The assessments and analyses shall include but not limited to:

- Assessment of existing drainage and storm water management, and wastewater management infrastructure.
- Topographical surveys,
- Hydrological studies,
- Hydraulic modelling, including considerations to increased paving due to road infrastructure improvement,
- Geotechnical investigations
- Analysis of the impact of prevailing land use patterns for storm water management.
- Climate risk and environmental assessments across each municipality for purposes of drainage/storm water management master planning.
- Develop a comprehensive technical report and data sets generated for the sector.

3.2.3 Demand Projection for road-sector infrastructure and services: Estimate a future projected demand for road-infrastructure development and mobility improvement (short, medium and long terms) and contrast it to the existing operational capacity level of the existing infrastructural facilities to facilitate the scoping of priority investments. Demand projections shall explicitly account for land use planning, displacement dynamics that confront the two municipalities, including current and projected population scenarios, camp-to-settlement transition trajectories, natural population growth, and migration trends to ensure that infrastructure is designed to serve realistic and evolving population profiles. The methodology and assumptions shall be agreed with the Client at the inception stage and documented transparently in the Needs Assessment Report.

3.2.4 Stakeholder Engagement and Public Participation: For each sector activities of this assignment (especially assessments, master planning and project development), undertake a stakeholder engagement and public participation using an approved framework to guide; stakeholder mapping, consultations, public participation activities, feedback mechanisms, and documentation of stakeholder inputs (including grievance management) throughout the assignment. Engagement shall be inclusive and explicitly reach women, youth, persons with disabilities, refugee communities, and other vulnerable and marginalized groups. All engagement activities shall be supported by appropriate language and translation arrangements to ensure accessibility for communities speaking Somali, Turkana, and other local languages (common languages spoken by the refugee community).

3.2.5 Climate Risk and Vulnerability Assessment: As an overarching activity that informs the two infrastructure sectors, undertake or refer to an approved climate risk and vulnerability assessment (provided by the client) through screening and vulnerability ranking to delineate climate hazard hotspots. The latter to be done through risk mapping of; flood, drought, heat stress and other relevant risks. Subsequently, assess and integrate climate adaptation measures, resilience measures, lifecycle resilience considerations, and climate-proofing recommendations into the sector infrastructure master planning, feasibility studies, project prioritization, project engineering designs, and design safeguards instruments, for all proposed investments.

3.2.6 Institutional and Financial Readiness Analysis. For each municipality, conduct an assessment of the institutional and financial readiness to plan, implement, and sustainably manage urban infrastructure investments. This shall include: (i) mapping of existing institutional frameworks, mandates, and governance arrangements including arrangements specific to refugee-hosting municipalities; (ii) analysis of financial resources, own-source revenue, development budgets, revenue enhancement opportunities, cost-recovery mechanisms, and potential financing options including links to the Urban Development Grant framework and potential for PPP arrangements. (iii) assessment of municipal capacity to manage ESHS aspects throughout project implementation, including ESMP implementation, GRM operation, OHS compliance, and monitoring and reporting. (iv) identification of policy and regulatory barriers or opportunities; and (v) preparation of concise policy position statements where gaps or reform needs are identified.

3.2.7 Sectoral Infrastructure Master Plans: For each municipality, prepare two sectoral infrastructure master plans, that should be aligned with the respective plans or processing of formulating or reviewing the municipal LPDP and IDeP. The preparation of the master plans should also ensure there is integration and synergy across road network plan and drainage plan/storm water management plans.

1. ***Roads and Transportation Masterplan***- the plan to contain, but not limited to:
    - Transportation Baseline assessment
    - Integrated transportation development and land use strategy
    - Road and transportation network plan (including the planned road network, classification and level of service targets, streets/road design

and urban design elements- cross sections, public transit provisions, greenery and land scaping, street lighting, drainages etc.)
- Non-Motorised Transportation strategy
- Public transit and multi-modal integration strategy
- Mobility management and safety strategy
- Capital Investment Plan and implementation program with clear phasing and staging of investments, and demonstrating alignment with IDePs, and providing priority projects including that meet KUSP II-WHR eligibility for funding.

2. ***Drainages and Storm Water Management Master Plan***- the plan to contain, but not limited to:
    - Baseline assessment of existing stormwater and wastewater management.
    - Hydrological Analysis.
    - Topographical analysis.
    - Geotechnical and land use patterns analysis.
    - Hydraulic Modelling including risk analysis and hazard mapping, identifying flows and constraints for drainages and storm water management.
    - Municipal drainage infrastructure strategy
    - Framework for Sustainable Drainage Systems and climate change and risk adaptation strategies.
    - Drainage network plan, including proposed infrastructure network (trunk, secondary and tertiary systems), proposed drainage zones or catchments and sub zones/sub-catchments, proposed surface water harvesting infrastructure (main constructed drainages, retention ponds, water pans, sand dams, surface dams etc.) an implementation and phasing plan, and it's alignment with the planned road network under the Roads and Transportation Masterplan (above), and validation of growth truthing.
    - Drainage/Storm Water Infrastructure Management plan.
    - Capital Investment Plan and implementation program with clear phasing and staging of investments, and demonstrating alignment with IDePs, and providing priority projects including that meet KUSP II-WHR eligibility for funding.

3.2.8 Feasibility Studies: For each municipality, conduct feasibility studies for the proposed new infrastructural projects for road sector and storm water drainages, derived from the respective sector infrastructure master plans, and produce draft reports on their planning and design. Accordingly, undertake Environmental and Social assessments and prepare relevant instruments including; sub-project E & S Screening reports, Environmental and Social Impact Assessment (ESIAs) as per EMCA Cap 387 and the EIA/EA Regulations, 2003), to include public consultations, Labour Management and GBV/SEA/SH Risk mitigation measures, Community Health and Safety Plans, and Chance find Procedures and the Abbreviated Resettlement Action Plans (ARAPs) (where applicable) in reference to the KUSP2 ESHSM Manual.

3.2.9 Detailed Engineering Designs and Preparation of Procurement Documents: Undertake detailed engineering designs to facilitate the preparation of procurement- ready documentation for each prioritized investment, including detailed technical specifications, engineering drawings, Bills of Quantities (BOQs), Engineer's Cost Estimates, procurement documents based on appropriate standard procurement documents, performance specifications, Environmental, Social, Health and Safety (ESHS) requirements, contract packaging recommendations, draft contract documentation, and operation and maintenance requirements to facilitate efficient procurement, implementation, and long-term sustainability of the proposed infrastructure investments.

3.2.10 Livelihood and Economic Opportunity Linkages: Ensure that infrastructure designs explicitly identify and document opportunities for local employment creation during construction and operation, enterprise development linkages, and market access improvements with a particular focus on women, youth, refugees, and host community members

3.2.11 Capacity Building and Knowledge Transfer through a **Transfer of knowledge (training) program:** Undertake a comprehensive capacity building and knowledge transfer program for municipal staff covering the entire infrastructure project cycle from needs' assessment to preparation of procurement documents. This shall include a Training Needs' Assessment, a structured capacity building program, on-the-job mentorship during key assignment activities, preparation of training manuals and toolkits, delivery of three formal training workshops (Inception, Mid-Term, and Final), and preparation of a Capacity Building and Knowledge Transfer Report documenting training activities, outcomes, and recommendations for sustained institutional strengthening.

4. DURATION AND LOCATION OF THE ASSIGNMENT

The assignment will be undertaken within a duration of seven calendar months (7) from the contract commencement date. The assignment covers the municipalities within Refugee Hosting municipalities of Dadaab-Hagadera and Kakuma.

5. REPORTING REQUIREMENTS AND TIMELINES FOR SUBMISSION OF DELIVERABLES

5.1 EXPECTED DELIVERABLES

The consultant shall submit the following reports.

Table 1: Reporting requirements and timelines for submission of deliverables

S/ No.	Deliverable	Timeline for submission of deliverables after contract commencement Date (Months)	Format of Presentation
1	i. Inception report ii. Inception Report (including updated methodology, detailed workplan with Gantt chart, team deployment schedule, data gap assessment and mitigation strategy, stakeholder mapping, data landscape review, approved climate data sources and scenarios, and SEP)	1	Soft copy in Word and PDF 3 hard copies
2	Baseline Assessment Reports (as per 3.2.1 and 3.2.2 above, E&S baseline data, scenario-based demand projections, institutional and financial readiness analysis, Climate and Environmental Risk Assessment Report)	3	Soft copies in Word and PDF 3 hard copies of each report & Data sets/ Data base
3	i. Public participation and Stakeholder Engagement Report ii. Project prioritization	3	Soft copy in Word and PDF 3 hard copies

S/ No.	Deliverable	Timeline for submission of deliverables after contract commencement Date (Months)	Format of Presentation
4	i. Feasibility study report of each project ii. Preliminary Design Reports iii. Environment & Social Assessment reports including; sub-project specific E&S risk screening (refer to Appendix 5 of the ESHSM Manual) & ESIA reports, and the Abbreviated Resettlement Action Plans (ARAP) (where applicable) (Refer to the ESHSM manual) iv. Climate Risk and Vulnerability Assessment Report; v. Draft Procurement Documents including the ESHS clauses (Appendix 20 of the ESHSM Manual) vi. Draft Sector Infrastructure Master Plans	5	Soft copy in Word and PDF 3 hard copies
5	i. Final detailed engineering design reports for each project ii. Final procurement Documents for each iii. Capacity Building and Transfer of knowledge (training) program Report iv. Final Sector Infrastructure Master Plans	6	Soft copy in Word and PDF 3 hard copies
6	i. Final report with county chapters	7	Soft copy in Word and PDF 3 hard copies

Note; Activities to run concurrently, the detailed workplan submitted at inception shall clearly identify and schedule all parallel workstreams using a Gantt chart.

The specified copies of each of the listed deliverables/reports shall be submitted to the Client at the following address:

Principal Secretary
State Department for Housing and Urban Development
P.O. Box 30119-00100
6th Floor, Ardhi House
1st Ngong Avenue
Nairobi, Kenya
Tel: +254-02-2729200
E-mail: ps@housingandurban.go.ke
Attention: KUSP2 Program Coordinator

6. PAYMENT SCHEDULE

The proposed payment schedules based on satisfactory performance of the contract which will be negotiated with the successful consultant will be as presented in table 2 below.

Table 2: Proposed Payment Schedule

S/No.	Deliverables	% of the contract amount
1	(i) Submission and Acceptance of Inception Report	10%
2	Submission and Baseline Assessment Reports and Climate and Environmental Risk Assessment Reports	20%
3	Submission and Acceptance of (i) Public participation and Stakeholder Engagement Report (ii) Project prioritization	10%
4	Submission and Acceptance of, (i) Feasibility study report of each project (ii) Preliminary Design Reports (iii) Environmental & Social Assessment reports including sub-project specific E&S risk screening (refer to Appendix 5 of the ESHSM Manual) & ESIA reports and the Abbreviated Resettlement Action Plans (ARAP) (where applicable) (Refer to the ESHSM manual) (iv) Climate Risk and Vulnerability Assessment Report; (v) Draft Procurement Documents including the ESHS clauses (Appendix 20 of the ESHSM Manual) (vi) Draft Sector Infrastructure Master Plans	25%
5	Submission and Acceptance of Final detailed engineering design reports for each project (i) Final Procurement Documents for each (ii) Capacity Building and Knowledge Transfer Report (iii) Final Sector Infrastructure Master Plans	20%

S/No.	Deliverables	% of the contract amount
6	Submission and Acceptance of (i) Final report with county chapters	15%

Note: Upon submission of every deliverable/report, the consultant is expected to make a presentation of the submitted report to the Client in a scheduled meeting. The acceptance of the deliverable/report shall be recorded in the minutes of the meeting or communicated in writing to the Consultant. All deliverables/reports shall be accepted by written confirmation from Client.

7. MINIMUM REQUIREMENTS FOR CONSULTANT'S QUALIFICATIONS AND EXPERIENCE

The shortlisting criteria for the Consulting Firm will be:

7.1 Core business and years in business: The firm shall be registered/incorporated as a consulting firm with core business in the field of engineering, urban infrastructure designs or equivalent for a period of a minimum of ten (10) calendar years

7.2 Relevant experience: The firm shall demonstrate as having successfully executed and completed at least two (2) assignments of similar nature, scope, complexity and in a similar operating environment in the last 5 years. Details of similar Assignments - Name and address of the client, scope, value, and period should be provided_and submitted. Expression of Interest should include enumeration of these similar past assignments.

7.3 Technical and managerial capability of the firm: The firm shall demonstrate as having the requisite technical capacity and managerial capacity to undertake the assignment in the submitted company profile(s). **Key Experts will not be evaluated at the shortlisting stage.**

8. TEAM COMPOSITION AND QUALIFICATION AND EXPERIENCE REQUIREMENTS FOR THE KEY EXPERTS

The Consulting firm shall provide well-qualified and experienced professionals as required and appropriate for completion of the assignment. They should possess necessary resources to undertake services of such nature, including equipment and software required. The key professionals shall personally carry out (with any assistance from other staff/experts deemed appropriate) the services described in this TOR. The key experts to be provided by the Consultant for this assignment are as follows: -

8.1 Team Leader/Municipal Infrastructure Specialist

a) A minimum of master's degree in civil engineering, urban planning/development, infrastructure planning, or a closely related field from a university recognized in Kenya. He/ She must have a bias in urban infrastructure, or urban infrastructure resilience as a core demonstrable competency

b) Validly registered and holding current annual practicing license from a relevant professional body recognized in Kenya.
c) A minimum of ten (10) years' general experience in urban infrastructure planning, design, and implementation, including a track record of leading complex, multidisciplinary urban planning and infrastructure assignments notably in transportation and drainages/storm water management sectors.
d) A minimum of five (5) years of specific experience working in at least 2 similar assignments in urban and growth zones, with demonstrated experience in climate-resilient urban infrastructure planning.
e) Experience in refugee-hosting or displacement-affected urban contexts is an added advantage.

8.2 Municipal Infrastructure Specialist

a) A minimum of master's degree in civil engineering from a university recognized in Kenya.
b) Validly registered and holding current annual practicing license from the Engineers Board of Kenya
c) A minimum of ten (10) years' general experience in preparing urban infrastructure designs
d) A minimum of five (5) years of specific experience working on at least 2 similar assignments in urban areas

8.3 Deputy Team Leader / Civil Engineer or Urban Planner

a) A minimum of master's degree in either Civil Engineering or Urban Planning from a university recognized in Kenya. He /She must possess a specialty in urban engineering or urban planning, capacity to conduct urban infrastructure needs' assessment, and a competency in integrated infrastructure and land development planning, and experience in municipal investment programming.
b) Validly registered and holding current annual practicing license from a relevant professional regulatory body recognized in Kenya.
c) A minimum of five (5) years general experience in preparing urban infrastructure plans.
d) A minimum of three (3) years of specific experience working in at least 2 similar assignments in municipal planning and investment set-ups.

8.4 Water & Sanitation Engineer/ Storm Water Management Specialist

a) A minimum of master's degree in civil engineering from a recognized university in Kenya specializing in municipal infrastructure development
b) Validly registered and holding current annual practicing license from a relevant professional regulatory body recognized in Kenya.
c) A minimum of five (5) years' general experience in preparing water, drainages and storm water management plans and related infrastructure designs
d) A minimum of 3 years of experience in evaluating climate change risks and proposing mitigation measures for municipal infrastructure covering water supply, drainage and wastewater management. He / She will be familiar with emerging international experience in green infrastructure (e.g. design and

restoration of engineered ecosystems such as wetlands, floodplains and use of Nature Base Solutions).

8.5 Climate Change, Disaster Risk and Urban Resilience Specialist

a) A minimum of master's degree in environmental engineering or environmental planning from a recognized university in Kenya specializing in climate change, disaster risk and urban resilience planning
b) A minimum of five (5) years' general experience in preparing urban infrastructure plans and designs

8.6 Displacement and Forced Migration Specialist

a) A minimum of master's degree in forced migration, humanitarian studies, development studies, or a closely related field from a recognized university.
b) A minimum of five (5) years' general experience working in refugee-hosting or displacement-affected contexts, with demonstrated experience in infrastructure planning or service delivery in such settings.
c) A minimum of three (3) years of specific experience engaging with refugee and host community populations, including familiarity with camp-to-settlement transition processes, protection principles, and the operational frameworks of UNHCR, government refugee agencies, or equivalent institutions.

8.7 Institutional Development Specialist

a) A minimum of a master's degree in a relevant field with a background in governance, public administration, or decentralization with a bias in municipal institutions/local governments, economics or public sector from a university recognized in Kenya.
b) Validly registered and holding current annual practicing license from a relevant professional regulatory body recognized in Kenya.
c) A minimum of five (5) years general experience in the public sector institutional development, devolution and decentralization, governance reforms, policy development, capacity development and institutional strengthening, public administration, strategic planning, and basic understanding of urban planning.
d) A minimum of three (3) years of specific experience working on at least 2 similar assignments in urban areas

8.8 Spatial Analyst /GIS Specialist

a) A minimum of bachelor's degree in urban planning, Geospatial Sciences, GIS, Remote Sensing, or a closely related field from a university recognized in Kenya. Validly registered and holding current annual practicing license from a relevant professional regulatory body recognized in Kenya.
b) A minimum of ten (5) years' general experience in operating GIS software including use of Remote Sensing Tools, spatial data management
   A minimum of three (3) years of specific experience in spatial data collection, hazard and vulnerability mapping, infrastructure mapping, and demand modeling in at least two (2) similar assignments.

8.9 Urban Planner/Spatial Planning Specialist

a) A minimum of a bachelor's degree in urban planning or urban & regional planning or equivalent, with specialization in urban planning, spatial development analysis, land use planning, integrated development planning, and investment programming
b) Validly registered and holding current annual practicing license from Physical Planning Registration Board (PPRB) of Kenya or a relevant professional regulatory body recognized in Kenya.
c) A minimum of ten (5) years' general experience in urban planning
d) A minimum of three (3) years of specific experience working in at least 2 similar assignments involving urban infrastructure master planning.

8.10 Project Preparation and Programming Specialist

a) A minimum of a master's degree in civil engineering from a university recognized in Kenya.
b) Validly registered and holding current annual practicing license from Engineers Board of Kenya
c) A minimum of 10 years of general experience in the design and management of project preparation and investment decision-making facilities for urban infrastructure, and capacity development and organizational strengthening for urban management authorities
d) A minimum of five (5) years of specific experience working in at least 2 similar assignments in urban areas.

8.11 Environmental Planner / Environmental Specialist

a) A minimum of a master's degree in environmental science/ environmental studies/Environmental Engineering/Environmental Planning and/or related discipline from recognized university.
b) Registration with NEMA as practicing Lead Expert with valid license.
c) Must possess a minimum of 10 years of professional experience in Environmental, Health and Safety risk management.
d) A minimum of five (5) years of specific experience in undertaking environmental and social impact assessments with at least 2 similar assignments in urban areas. In addition, experience in application of the World Bank PforR, climate risk assessment, alongside preparation and review of related safeguard instruments

8.12 Social Development Specialist/Livelihoods Specialist

a) A minimum of a master's degree in sociology, community development, anthropology, development studies or its equivalent from a recognized university
b) A minimum 10 years' experience in social risk management, preparing of Abbreviated Resettlement Action Plans (ARAPS) monitoring and evaluation of community development projects, livelihoods development projects, management of participatory processes, supervision and appraisal of urban community infrastructure projects with demand led participatory approach, and experience with vulnerable and marginalized groups including in refugee-host community contexts.

c) A minimum of five (5) years of specific experience including Stakeholder Engagement Plans (SEPs), grievance redress mechanisms (GRM), and social risk management tools. Experience in social risk management in at least 2 similar assignments in urban areas. In addition, he / she must have a demonstrable experience in inclusive engagement processes involving women, youth, persons with disabilities, vulnerable and marginalized groups, and refugee-host communities where applicable.

8.13 Transportation/Roads Infrastructure Engineer

a) At minimum of BSc./B.Tech in Civil and Structural Engineering from a recognized university
b) With a minimum of 10 years' general experience in road infrastructure designs and construction supervision, road construction materials analysis and transportation infrastructure planning.
c) Registered Engineer in the category of Professional Engineer with Engineers Board of Kenya (EBK) or its equivalent; with a valid practicing license, experience in Project Management/Contract Administration and handling of Construction Claims,
d) A minimum of five (5) years of specific experience in design and supervision of urban roads with at least 2 similar assignments, and experience in construction site management must be versed with computer aided contract/project management software (Ms Project & CAD).

8.14 Surveyor Engineer

a) A minimum of BSc. Surveying or Geomatic/Geospatial Engineering,
b) A minimum of 10 years' general experience in Surveying works,
c) Must be registered with a recognized Board(s)of Surveyors
d) A minimum of 5 years' specific experience, field experience in Engineering Surveying and be conversant with conditions of Informal Settlements and displacement-affected areas.

8.15 Procurement and contract management expert

a) A minimum of bachelor's degree in engineering, Procurement/Supply Chain Management, Commerce, Business Administration or equivalent.
b) A minimum of 10 years' general experience in procurement and contract management,
c) Must be registered with the relevant professional body, Kenya Institute of Supplies Management or equivalent, with a valid practicing license.
d) A minimum of 5 years specific experience in public procurement management and contract administration including preparation of procurement documents, bid evaluation, preparation of contracts, reviewing contract variations, claims and contractual disputes resolution,

In addition to the proposed Key Staff, the Consultant is expected to provide support staff and non-key staff such as materials and electrical engineers, planners, architects, quantity surveyors, land surveyors, water engineering specialists, environmental planners, economic development specialists, relevant technicians, and non-technical project

support staff. The Consultant will be responsible for their office support staff on site and head office. The cost of any support staff not highlighted in the list but which the consultant considers necessary will be deemed to have been included in the Consultant's Financial Proposal.

9. ESTIMATED TIME INPUTS FOR KEY EXPERTS

No.	Expert	No	Time-input (Staff Months)
1.	Team Leader/Municipal Infrastructure Specialist	1	7
2.	Municipal Infrastructure Specialist	1	7
3.	Deputy Team Leader / Civil Engineer or Urban Planner	1	7
4.	Water & Sanitation Engineer/ Storm Water Management Specialist	1	7
5.	Climate Change, Disaster Risk & Urban Resilience Specialist	1	3
6.	Displacement and Forced Migration Specialist	1	4
7.	Institutional Development Specialist	1	3
8.	Spatial Analyst /GIS Specialist	1	4
9.	Urban Planner/Spatial Planning Specialist	1	7
10.	Project Preparation and Programming Specialist	1	2
11.	Environmental Planner / Environmental Specialist	1	4
12.	Social Development Specialist/Livelihoods Specialist	1	4
13.	Transportation/Roads Infrastructure Engineer	1	7
14.	Surveyor Engineer	1	5
15.	Procurement and contract management expert	1	2
	Total	**15**	**73**

10. MANAGEMENT AND ACCOUNTABILITY OF THE ASSIGNMENT, REPORTING REQUIREMENTS AND OBLIGATIONS OF THE CONSULTANT

(a) The consultancy will be administered by the State Department for Housing and Urban Development (SDHUD) through the KUSP II Program Coordinator. The day-to-day supervision will be provided by Result Areas 3 and 5 Leads supported by the urban Infrastructure and Climate Resilience, Environmental Safeguards and Social Development Specialists as with Technical Assistance from the UN-Habitat.

(b) The Consultant will report to the NPCT Coordinator on day-to-day operations, through Result Area 3 & 5 Leads and should actively coordinate with Garissa and Turkana Counties, and Dadaab-Hagadera and Kakuma municipalities and the project staff in the execution and delivery of this consultancy.

11. OBLIGATIONS OF THE CLIENT

(a) The client, State Department for Housing and Urban Development, through the National Program Coordination Team (NPCT) and the Council of Governors (CoG), will provide all the documents, i.e. Urban Governance Instruments, KUSP PAD and POM including the Environmental, Social, Health and Safety Management Manual (ESHSM) and any other developed and available policies or technical reports that can assist in this assignment.
(b) The client will provide introductory letters to key stakeholders to facilitate communication.
(c) The Client will facilitate liaison with Garissa and Turkana Counties, and other program implementing partners.
(d) NPCT, CoG, Dadaab-Hagadera Municipality and Garissa County, and Kakuma Municipality and Turkana County, will assist in organizing meetings with relevant stakeholders as may be required by the consultant.

12. OBLIGATIONS OF THE CONSULTANT

(a) The Consultant will be responsible for the provision of their own office space, equipment and software as necessary for carrying out this assignment.
(b) The Consultant will make his / her own travel, accommodation, insurance, communication and other associated costs arrangements for carrying out this assignment and during consultations with different stakeholders to ensure the assignment is carried out smoothly and seamlessly within the timeframe provided.
(c) The Consultant will consult and include input from the stakeholders and is responsible for organizing, achieving the evaluation and delivering the final report.
(d) The Consultant will ensure that all community-facing engagement activities are supported by appropriate language and translation arrangements, including Somali and Turkana where applicable.
(e) The Consultant will coordinate with Dadaab-Hagadera and Kakuma Municipalities to ensure alignment of the assignment with the respective LPDP and IDeP frameworks.
(f) The Consultant will coordinate with UNHCR, Department of Refugee Services (DRS), UN-Habitat and other humanitarian and development partners operating in both municipalities to leverage existing initiatives to avoid duplication of efforts and strengthen synergies.

13. PROPRIETY RIGHTS OF CLIENT IN REPORTS AND RECORDS

All the reports, data, and information developed, collected, or obtained from the implementing agencies, etc., client, and other institutions during this exercise shall belong to the client, and or the respective organizations. The consultant shall not use them without prior written authorization from the client. Further, at the end of the Services, the Consultant shall relinquish all data, manuals, reports and information (including the database, codes, and related documentation) to the client and shall make no use of them in any other assignment without prior written authority from the client.