



County Government of Kisumu
City of Kisumu
Kenya Urban Support Programme (KUSP)

BIDDING DOCUMENT

FOR

**PROPOSED IMPROVEMENT OF JOMO KENYATTA SPORTS
GROUND, OTHER OPEN SPACES & KALOLENI COMMUNITY
CENTRE WITHIN KISUMU CITY**

LOT 2:

Improvement of Jamhuri Gardens, Market Park (Oile), Botanical garden and
Streetscaping along Kisumu Urban Roads -

CGK/COK/KUSP/W/2019 - 2020/03-2

national competitive BIDDING (NCB)

Volume 2:

BILLS OF QUANTITIES

1 Reposed Design For Rehabilitation & Up-Grade Of Jamhuri Park- Kisumu

1.1 Proposed interventions

Kisumu City is set to host Africities Summit in the year 2021. The premiere conference is expected to bring with it tens of thousands of delegates and should set Kisumu and the region on a tourism growth trajectory. Jamhuri park, being strategically placed right next to the County headquarters in the heart of the leafy suburbs of Milimani estate offers an appropriate point for relaxation, reflection and interaction for the delegates and the residents of Kisumu. It is best given an academic theme with a resource central steep.

The preparation of the conference therefore offers the City of Kisumu an opportunity to review the state of this park and rehabilitate it, not only for the purposes of the Africities Summit, but more so, to serve its role as a recreational facility.

It is therefore proposed that the following interventions be undertaken on Jamhuri Park:

- i. Design, rehabilitation and upgrading of the recreational and other facilities in the park, include:
 - a. Concrete Perimeter fence with alternating green hedges
 - b. The green vegetation, including laying of new grass carpet, repair/replacement of flower beds and pruning of trees;
 - c. The perimeter fence with solar powered lighting, set-up pedestrian gates and security booths installation.
 - d. Establishment and equipping of a resource center
 - e. Improved public cloakroom facilities;
 - f. Establish well designed footpaths.
 - g. Installation of park benches and literbins;
- ii. Establishment of a public-private partnership deed for the park to offer a democratic, participatory and inclusive management structure and systems for sustainable upkeep of the recreational facility, through:
- iii. Establishing a policy to ensure that the recreational facilities are accessible to all members of the public, including the poor, for use for recreational purposes, educational purposes, entertainment, sports, exhibitions, and appropriate business activities.

2 Proposed Design For Rehabilitation & Up-Grade Of Oile Park- Kisumu

2.1 Proposed interventions

Kisumu City is set to host Africities Summit in the year 2021. The premiere conference is expected to bring with it tens of thousands of delegates and should set Kisumu and the region on a tourism growth trajectory. Oile park, being strategically placed at the intersection of two major highways – Nairobi Road and Kakamega Road, can offer an appropriate point of relaxation and interaction for the delegates and the residents of Kisumu

The preparation of the conference therefore offers the City of Kisumu an opportunity to review the state of this park and rehabilitate it, not only for the purposes of the Africities Summit, but more so, to serve its role as a recreational facility

It is therefore proposed that the following interventions be undertaken on Oile Park:

- i. Design, rehabilitation and upgrading of the recreational and other facilities in the park, include:
 - a. Concrete Perimeter fence with alternating green hedges
 - b. The green vegetation, including laying of new grass carpet, repair/replacement of flower beds and pruning of trees;
 - c. The perimeter fence with solar powered lighting, set-up pedestrian gates and security booths installation
 - d. Improved toilet facilities;
 - e. Establish well designed footpaths
 - f. Installation of park benches and litterbins; and
- ii. Establishment of a public-private partnership deed for the park to offer a democratic, participatory and inclusive management structure and systems for sustainable upkeep of the recreational facility, through:
- iii. Establishing a policy to ensure that the recreational facilities are accessible to all members of the public, including the poor, for use for recreational purposes, educational purposes, entertainment, sports, exhibitions, and appropriate business activities.

3 Proposed Design For Establishment of Prof. Nyongó Botanical Garden- Kisumu

3.1 Background

Prof. Nyongó Botanical Garden is the former dumpsite which for many years has been an eyesore in the lakeside City. The relocation of this dumpsite being one of the major milestones in the achievements of the current governor, the park was named after him. He on the other hand honored the victims of the 2017 post-election violence by dedicating a corner named after “Baby Pendo”.

3.2 Proposed interventions

Kisumu City is set to host Africities Summit in the year 2021. The premiere conference is expected to bring with it tens of thousands of delegates and should set Kisumu and the region on a tourism growth trajectory.

The preparation of the conference therefore offers the City of Kisumu an opportunity to review the state of this park and rehabilitate it, not only for the purposes of the Africities Summit, but more so, to serve its role as a recreational facility.

It is therefore proposed that the following interventions be undertaken on Prof. Nyongó Botanical Garden:

- i. Design, rehabilitation and upgrading of the recreational and other facilities in the park, include:
 - a. Concrete Perimeter fence with alternating green hedges
 - b. The green vegetation, including laying of new grass carpet, repair/replacement of flower beds.
 - c. Planting of indigenous tree species;
 - d. The perimeter fence with solar powered lighting, set-up pedestrian gates and security booths installation.
 - e. Establishment of an alternative sports recreation facility like a swimming pool.
 - f. Establish modern public cloakroom facilities;
 - g. Establish well designed footpaths.
 - h. Establishment of a monument in honor of fallen heroes during the 2017 post-election violence at “Baby Pendo” Corner.
- i. Installation of park benches and litterbins;
 - ii. Establishment of a public-private partnership deed for the park to offer a democratic, participatory and inclusive management structure and systems for sustainable upkeep of the recreational facility, through:
 - iii. Establishing a policy to ensure that the recreational facilities are accessible to all members of the public, including the poor, for use for recreational purposes, educational purposes, entertainment, sports, exhibitions, and appropriate business

4 Proposed Beautification & Greening Of The City- Kisumu

4.1 Proposed interventions

Kisumu City is set to host Africities Summit in the year 2021. The premiere conference is expected to bring with it tens of thousands of delegates and should set Kisumu and the region on a tourism growth trajectory. The major trunks/highways to the City, estate roads and the roundabouts form part of the major attraction points as the visitors enters the City. The preparation of the conference therefore offers the City of Kisumu an opportunity to review the state of these major trunks/highways to the City, estate roads and the roundabouts and rehabilitates them, not only for the purposes of the Africities Summit, but more so, to serve its role as a recreational facility.

It is therefore proposed that the following interventions be undertaken:

- I. Tree painting
- II. Landscaping
- III. Grassing
- IV. Installation of planter boxes for flower planting

The following roads have been proposed for beautification and greening;

- a. Kisumu – Busia road = 4.9 kilometers (2 roundabouts)
- b. Jomo Kenyatta highway = 2.0 kilometers (2 roundabouts)
- c. Kisumu boys roundabout – kiboswa road = 10.8 kilometers (8 roundabouts)
- d. Nairobi road (Kisumu boys roundabout – Buoye) = 9 kilometers (2 roundabouts)
- V. Kisumu City roads

PROPOSED DESIGN FOR REHABILITATION UP-GRADE OF JAMHURI PARK– KISUMU

ITEM	DESCRIPTION	UNIT	QTY	RATE
	PROPOSED REHABILITATION OF JAMHURI PARK			
	Site clearance and excavations			
	Clear the site of existing unwanted bushes and grasses; uprooting and grabbing up the roots, remove all existing turf,	SM	3,128.00	
	FUMIGATION			
	Supply and apply anti-termite on all areas to rid of and control termites	SM	3,128.00	
	Supply and application of manure and good earth			
	Supply good earth free from weeds, stones, roots, rubbish including spreading and levelling on site average 150mm thick	SM	3,128.00	
	Supply approved good quality farm yard manure and spread evenly over all areas mixing thoroughly with red soil (m.s) at a ratio of 1:4	SM	313.00	
	Supply, plant, weed, water and tend well till full establishment			
	Paspalum grass turfs spaced at 100mm centre both ways	SM	3,128.00	
	RESOURCE CENTRE			
	Supply and install a resource centre to be equipped with both geographical historical information about the Luo community and Nyanza in general	ITEM		2,500,000.00
	Carried to collection			

PROPOSED DESIGN FOR REHABILITATION UP-GRADE OF JAMHURI PARK– KISUMU

ITEM	DESCRIPTION	UNIT	QTY	RATE
	WALKWAYS			
	Supply and install walkways/circulation network with cabro finish to approved engineers' detail.	SM	1,281.00	
	PUBLIC TOILETS			
	Repair existing public toilets to both hygienic and aesthetics	ITEM	1.00	2,000,000
	FENCE			
	Install a masonry fence to detail around the grounds	LM	380.00	
	Install plants to creep on wall to specified detail	NO	1,500.00	
	Install solar lighting around the grounds along the walls to details	NO	50.00	
	GATE			
	Supply and install gates and security booths at all access points to detailed design	NO	2.00	
	PARK FURNITURE			
	Supply benches on designated areas to specifications and details by specialists	NO	30.00	
	Supply and install dust bin to detail by specialists			
	TREES			
	Supply and install assorted species of landscape trees to specialists' detail and approval	NO	100.00	
	Carried to collection			

PROPOSED DESIGN FOR REHABILITATION UP-GRADE OF JAMHURI PARK– KISUMU

ITEM	DESCRIPTION	UNIT	QTY	RATE
	SHRUBS			
	Supply and install small and medium shrubs to specifications and approval by a specialist	NO	350.00	
	GROUNDCOVERS			
	Supply and install assorted species of groundcovers to specialists' detail and approval	NO	800.00	
	LANDSCAPE MAINATANACE			
	Allow for maintenance for a period of 12 months after installation	MONTHS		
	PROJECT MONITORING			
	Allow for provisional sum of Kenya Shillings Two Million only (2,000,000) for Monoring staff allowances and airtime	SUM		
	Carried to collection			
ITEM	DESCRIPTION	UNIT	QTY	RATE

PROPOSED DESIGN FOR REHABILITATION UP-GRADE OF JAMHURI PARK– KISUMU

COLLECTION			
Pg 1			
Pg2			
Pg3			
	SUB TOTAL		
Contingency sum			
Provide a provisional sum for contingency (10%) of sub total			
	NET TOTAL		
	Add VAT		
TOTAL FOR JAMHURI PARK CARRIED TO SUMMARY			

AMOUNT

AMOUNT

AMOUNT
AMOUNT

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	PROPOSED REHABILITATION OF OILE PARK				
	Site clearance and excavations				
	Clear the site of existing unwanted bushes and grasses; uprooting and grabbing up the roots, remove all existing turf, weeds and any deleterious materials; including carting away all arising wastes	SM	5,989.00		
	FUMIGATION				
	Supply and apply anti-termite on all areas to rid of and control termites	SM	5,989.00		
	Supply and application of manure and good earth				
	Supply good earth free from weeds, stones, roots, rubbish including spreading and levelling on site average 150mm thick	SM	5,989.00		
	Supply approved good quality farm yard manure and spread evenly over all areas mixing thoroughly with red soil (m.s) at a ratio of 1:4	SM	599.00		
	Supply, plant, weed, water and tend well till full establishment				
	Paspalum grass turfs spaced at 100mm centre both ways	SM	5,989.00		
	WALKWAYS				
	Supply and install walkways/circulation network with cabro finish to approved engineers' detail.	SM	600.00		
	Carried to collection				

PROPOSED DESIGN FOR REHABILITATION UP-GRADE OF OILE PARK– KISUMU

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	PUBLIC TOILETS				
	Repair existing public toilets to both hygienic and aesthetics	ITEM	1.00	2,000,000	
	FENCE				
	Install a masonry fence to detail around the grounds	LM	422.00		
	Install plants to creep on wall to specified detail	NO	300.00		
	Install solar lighting around the grounds along the walls to details	NO	40.00		
	GATE				
	Supply and install gates and security booths at all access points to detailed design	NO	4.00		
	PARK FURNITURE				
	Supply benches on designated areas to specifications and details by specialists	NO	30.00		
	Supply and install dust bin to detail by specialists	NO	10.00		
	TREES				
	Supply and install assorted species of landscape trees to specialists' detail and approval	NO	80.00		
	SHRUBS				
	Supply and install small and medium shrubs to specifications and approval by a specialist	NO	600.00		
	GROUNDCOVERS				
	Supply and install assorted species of groundcovers to specialists' detail and approval	NO	1,200.00		
	LANDSCAPE MAINATANACE				
	Allow for maintenance for a period of 12 months after installation	MONTHS	12.00		
	PROJECT MONITORING				
	Allow for provisional sum of Kenya Shillings Two Million only (2,000,000) for Monoring staff allowances and airtime	SUM			
	Carried to collection				

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	COLLECTION				
	Pg 1				
	Pg2				
	SUB TOTAL				
	Contingency sum				
	Provide a provisional sum for contingency (10%) of sub total				
	NET TOTAL				
	Add VAT				
	TOTAL FOR OILE PARK CARRIED TO SUMMARY				

PROPOSED REHABILITATION OF PROF.
ANYANG NYONG'O BOTANICAL GARDENS

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	PROPOSED REHABILITATION OF PROF. ANYANG NYONG'O BOTANICAL GARDENS				
	Site clearance and excavations				
	Clear the site of existing unwanted bushes and grasses; uprooting and grabbing up the roots, remove all existing turf, weeds and any deleterious materials; including carting away all arising wastes	SM		11,040.00	
	FUMIGATION				
	Supply and apply anti-termite on all areas to rid of and control termites	SM		6,624.00	
	Supply and application of manure and good earth				
	Supply good earth free from weeds, stones, roots, rubbish including spreading and levelling on site average 150mm thick	SM		2,650.00	
	Supply approved good quality farm yard manure and spread evenly over all areas mixing thoroughly with red soil (m.s) at a ratio of 1:4	SM		1,104.00	
	Supply, plant, weed, water and tend well till full establishment				
	Paspalum grass turfs spaced at 100mm centre both ways	SM		3,974.00	
	WALKWAYS				
	Supply and install walkways/circulation network with cabro finish to approved engineers' detail.	SM		1,410.00	
	Carried to collection				

PROPOSED REHABILITATION OF PROF.
ANYANG NYONG'O BOTANICAL GARDENS

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	SWIMMING POOL				
	Supply and install a swimming pool to detailed design and approval by swimming pool specialist.	ITEM	1.00	8,000,000	
	CHILDREN PLAY AREA				
	Supply and install a sand pit and kids play facilities to details for kids play area	SM	200.00		
	PUBLIC TOILETS				
	Supply and install public toilets to detailed design and approval by experts	ITEM	1.00	5,000,000	
	FENCE				
	Install a masonry fence to detail around the grounds	LM	450.00		
	Install plants to creep on wall to specified detail	NO	1,000.00		
	Install solar lighting around the grounds along the walls to details	NO	40.00		
	GATE				
	Supply and install gates and security booths at all access points to detailed design	NO	1.00		
	PARK FURNITURE				
	Supply benches on designated areas to specifications and details by specialists	NO	50.00		
	Supply and install dust bin to detail by specialists	NO	20.00		
	TREES				
	Supply and install assorted species of landscape trees to specialists' detail and approval	NO	1,500.00		
	Carried to collection				
ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT

PROPOSED REHABILITATION OF PROF.
ANYANG NYONG'O BOTANICAL GARDENS

	SHRUBS				
	Supply and install small and medium shrubs to specifications and approval by a specialist	NO		1,000.00	
	GROUNDCOVERS				
	Supply and install assorted species of groundcovers to specialists' detail and approval	NO		2,400.00	
	IRRIGATION				
	Allow for the installation of irrigation standpipes at approved points for use in landscape maintenance	ITEM		1.00	
	LANDSCAPE MAINATANACE				
	Allow for maintenance for a period of 12 months after installation	MONTHS			
	PROJECT MONITORING				
	Allow for provisional sum of Kenya Shillings Two Million only (2,000,000) for Monoring staff allowances and airtime	SUM			
	Carried to collection				
ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT

PROPOSED REHABILITATION OF PROF.
 ANYANG NYONG'O BOTANICAL GARDENS

COLLECTION					
Pg 1					
Pg2					
Pg3					
	SUB TOTAL				
Contingency sum					
Provide a provisional sum for contingency (10%) of sub total					
	NET TOTAL				
	Add VAT				
TOTAL FOR PROF. ANYANG NYONG'O BOTANICAL GARDENS CARRIED TO SUMMARY					

PROPOSED BEAUTIFICATION GREENING OF THE CITY– KISUMU

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	STREET SCAPING				
	Site clearance and excavations				
	Clear the site of existing unwanted bushes and grasses; uprooting and grabbing up the roots, remove all existing turf, weeds and any deleterious materials; including carting away all arising wastes	SM		3,000.00	
	Ornamental Trees				
	Supply and plant ornamental trees as will be directed by the Department of Environment City	No		3,000.00	
	Supply and application of manure and good earth				
	Supply good earth free from weeds, stones, roots, rubbish including spreading and levelling to planter boxes	CM		337.00	
	Supply approved good quality farm yard manure and spread evenly over all areas mixing thoroughly with red soil (m.s) at a ratio of 1:4	CM		112.50	
	<u>Supply, Plant, weed water and tend well till full establishment within the median</u>				
	Paspalum grass turfs spaced at 100mm centre both ways	SM		800.00	
	WALKWAYS				
	Supply and install walkways/circulation network with cabro finish to approved engineers' detail.	SM		600.00	
	Carried to collection				

PROPOSED BEAUTIFICATION GREENING OF THE CITY– KISUMU

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	STREETSCAPE FURNITURE				
	Supply and install typical roadside benches to approval at a spacing of 300m center to center.	NO	3.00		
	Supply and install bus layby with sitting platforms for user comfort.	Item			
	TREES				
	Supply and install assorted species of landscape trees to specialists' detail and approval	NO	300.00		
	SHRUBS				
	Supply and install small and medium shrubs to specifications and approval by a specialist	NO	600.00		
	GROUNDCOVERS				
	Supply and install assorted species of groundcovers to specialists' detail and approval	NO	1,200.00		
	PROJECT MONITORING				
	Allow for provisional sum of Kenya Shillings Two Million only (2,000,000) for Monitoring staff allowances and airtime	SUM			
	Carried to collection				

PROPOSED BEAUTIFICATION GREENING OF THE CITY– KISUMU

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	COLLECTION				
	Pg 1				
	Pg2				
	SUB TOTAL				
	Contingency sum				
	Provide a provisional sum for contingency (10%) of sub total				
	NET TOTAL				
	Add VAT				
	TOTAL FOR STREETSCAPING CARRIED TO SUMMARY				

ITEM	DESCRIPTION	AMOUNT
	<p><u>SUMMARY</u></p> <p>PROPOSED REHABILITATION OF JAMHURI PARK</p> <p>PROPOSED REHABILITATION OF OILE PARK</p> <p>PROPOSED REHABILITATION OF PROF. ANYANG NYONG'O BOTANICAL GARDENS</p> <p>STREET SCAPING</p>	
	<p>GRAND TOTAL</p>	