



REPUBLIC OF KENYA



COUNTY GOVERNMENT OF NYANDARUA

DEPARTMENT OF TRANSPORT, ENERGY & PUBLIC WORKS

PROPOSED UPGRADE OF SOKO MPYA

FOR

DEPARTMENT OF TOURISM, CO- OPERATIVES DEVELOPMENT, TRADE  
AND INDUSTRIALIZATION

**BILLS OF QUANTITIES**

ARCHITECT,

COUNTY ARCHITECT,  
DIR. OF PUBLIC WORKS,  
NYANDARUA COUNTY,  
P.O. BOX 701-20303,  
OL KALOU

QUANTITY SURVEYOR,

COUNTY QUANTITY SURVEYOR,  
DIR. OF PUBLIC WORKS,  
NYANDARUA COUNTY,  
P.O. BOX 701-20303,  
OL KALOU

ELEC/MECH ENGINEER

COUNTY ELEC / MECH. ENGINEER,  
DIR. OF PUBLIC WORKS,  
NYANDARUA COUNTY,  
P.O. BOX 701-20303,  
OL KALOU

STRUCTURAL ENGINEER,

COUNTY ENGINEER - STRUCTURAL  
DIR. OF PUBLIC WORKS,  
NYANDARUA COUNTY,  
P.O. BOX 701-20303,  
OL KALOU

SEPTEMBER, 2023

FORM OF TENDER

TO: \_\_\_\_\_ [Date] \_\_\_\_\_

Dear Sir,

1 In accordance with the Conditions of Contract, Specifications, Drawings and Bills of Quantities for the execution of the above named Works, we, the undersigned offer to construct, install and complete such Works and remedy

any defects therein for the sum of Kshs. \_\_\_\_\_ [Amount in figures] Kenya Shillings \_\_\_\_\_

\_\_\_\_\_ [Amount in words]

2 We undertake, if our tender is accepted, to commence the Works as soon as is reasonably possible after the receipt of the Project Manager’s notice to commence, and to complete the whole of the Works comprised in the Contract within \_\_\_\_\_ Weeks

3 We agree to abide by this tender until **120 days from date of tender**, and it shall remain binding upon us and may be accepted at any time before end of the said days

4 Unless and until a formal Agreement is prepared and executed this tender together with your written acceptance thereof, shall constitute a binding Contract between us.

5 We understand that you are not bound to accept the lowest or any tender you may receive.

Dated this \_\_\_\_\_ day of \_\_\_\_\_ 20 \_\_\_\_\_

Signature \_\_\_\_\_ in the capacity of \_\_\_\_\_

Duly authorized to sign tenders for and on behalf of

\_\_\_\_\_ [Name of the Tenderer]

of \_\_\_\_\_ [Address of the

tenderer)

Witness; Name \_\_\_\_\_

Address \_\_\_\_\_

Signature \_\_\_\_\_

Date \_\_\_\_\_

## PROPOSED UPGRADE OF SOKO MPYA

## BILL NO.1 - DRAINAGE WORKS

Item	Description of Works	Unit	Qty	Rate	Amount (Kshs)
	<u>ELEMENT NO. 01 - ALL ITEMS</u>				
A	Excavate to form open drain width 1050mm width by (1000mm high) with sides set sloping, level and compact bottoms to receive base concrete.	CM	110		
B	Cart away excavated materials and spread on site around the drains as directed	CM	110		
C	200mm thick (1:3:6) mass concrete in trench bases well compacted	SM	89		
D	Construct 150mm thick thick natural stone side walls (set sloping) jointed in (1:3) cement sand mortar and not exceeding 1000mm high as directed by the Engineer.	SM	260		
E	Construct concrete scouring checks in accordance to specifications and as directed by the site Engineer	NO	50		

F	Provide steel metal grating cover to open drain as per drawing details (50) 5352B	LM	217		
	Element 01				
	DRAINAGE	CARRIED TO SUMMARY		KSHS	

DW/1

PROPOSED UPGRADE OF SOKO MPYA

BILL NO. 2 - CABRO AREA

Item	Description of Works	Unit	Qty	Rate	Amount (Kshs)
	<u>ELEMENT NO. 01 - ALL ELEMENTS</u>				
	<u>Earthworks</u>				
A	Excavate oversite to remove vegetable soil, average 150mm deep and cart away as directed	SM	1708		
B	Excavate to formation level n.e. 1.0m; average depth 0.6m	CM	1024.8		
C	Scarify, water, spread and compact to correct cross falls the top 200mm of the sub grade	SM	1708		

D	Load and cart away extra excavated material from site to approved County Government dump site	CM	1281		
	<u>Fillings</u>				
E	Provide, lay and compact 200mm thick approved granular material for sub base to 98% M.D.D. specifications	CM	341.6		
F	Treat the surface of granular material with approved herbicide to manufacturer's specifications	SM	1708		
G	Provide, lay and compact 300mm thick approved hand packed stone for base to 98% M.D.D. specifications	CM	512.4		
	<u>Pre-cast concrete paving blocks laid in accordance to the manufacturer's instructions</u>				
H	Provide, lay and compact 80mm thick, heavy duty interlocking pre-cast concrete paving blocks (minimum strength 49N/mm <sup>2</sup> ) on approved 50mm thick river sand bed on the road carriageway and other areas as specified on the drawings and as directed by the Engineer. Shape, colour and laying pattern of the blocks to be as approved by the Engineer.	SM	1708		
	Provide, lay and install medium duty 60mm thick approved precast concrete paving blocks (minimum strength 45N/mm <sup>2</sup> ) on approved 50mm thick river sand bed on the road carriageway and other areas as specified on the drawings and as directed by the Engineer. Shape, colour and laying pattern of the blocks to be as approved by the Engineer.				
I	Element 01	SM	50		
	All Elements	Carried Forward		Kshs.	

PW 1

PROPOSED UPGRADE OF SOKO MPYA

BILL NO. 2 - CABRO AREA

Item	Description of Works	Unit	Qty	Rate	Amount (Kshs)
	Brought Forward			Kshs.	
	<u>Pre-cast concrete units (mix 1:2:4) in:</u>				
	Kerbs and Channels				

A	Provide, lay and joint along the edge of the road and parking, 250x125mm pre-cast concrete half battered kerb and 100x125mm pre-cast concrete channel in cement mortar mix on and including 450x100mm concrete bed and 200x100mm concrete haunch (concrete mix 1:2:4) as per Drawing detail (50) 5332 'B' Include for all necessary excavation and formwork  <b>Kerbs Only</b>	LM	190		
B	Provide, lay and joint along the edge of the road and parking, 250x125mm pre-cast concrete half battered kerb in cement mortar mix on and including 325x100mm concrete bed and 200x100mm concrete haunch (concrete mix 1:2:4) as per Drawing detail (50) 5332 'A' Include for all necessary excavation and formwork  <b>Road marking</b>	LM	50		
C	Provide and apply Three (3 No.) coats of approved first grade long-lasting reflective road marking paint, yellow in colour, in strips of 100mm wide as directed by the Project Engineer	SM	60		
D	Ditto but alternate black and white colours to kerbs	SM	50		
Element 01					
CABRO AREA				CARRIED TO SUMMARY	KSHS

PW 2

PROPOSED UPGRADE OF SOKO MPYA

BILL NO. 3 - PROVISIONAL SUMS

Item	Description of Works	Unit	Qty	Rate	Amount (Kshs)
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	<p><b><u>ELEMENT NO. 01 - ALL ELEMENTS</u></b></p> <p><u>The following provisional sums are to be measured on completion and priced in accordance with the rates contained in these bills of quantities or prorata thereto or deducted in whole if not required</u></p>				
A	<p>Allow a Provisional Sum of Kenya Shillings Thirty Thousand (Kshs. 40,000.00) only for Project Supervisory Expenses to be deducted in whole or in part as directed by the Project Manager</p>		ITEM		40,000
B	<p>Allow for a Provisional Sum of Kenya Shillings One Hundred Thousand (Kshs. 100,000.00) as Contingency to be expended as approved and directed by the Project Manager</p>		ITEM		100,000
C	<p>Allow for a Provisional Sum of Kenya Shilling Three Hundred and Fifty Thousand (Kshs. 350,000.00) for signage to be expended as approved and directed by the Project Manager.</p>		ITEM		350,000
	Element 01				
	PROVISIONAL SUMS	CARRIED TO SUMMARY		KSHS	

PS/1

GRAND SUMMARY

ITEM	DESCRIPTION	Page No.	FOR OFFICIAL USE ONLY	FOR TENDERER USE ONLY
			KSHS.	KSHS.
A	Drainage Works	DW/1		
B	Paving Blocks	PW/2		
C	Provisional Sums	PS/1		
	SUB-TOTAL			
	ADD 3% PROJECT MANAGEMENT PAYABLE TO COUNTY REVENUE ACCOUNT			
	TOTAL CARRIED TO FORM OF TENDER INCLUSIVE OF 16% V.A.T.			

Amount in words. Kenya shillings .....

.....

.....Cents .....

Tenderer's Signature and stamp.....

Address .....

.....

Date .....

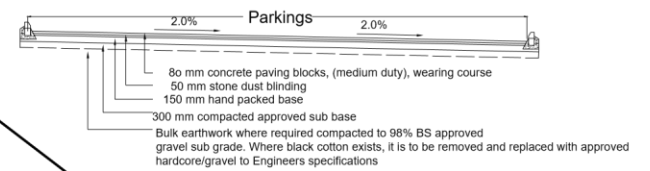
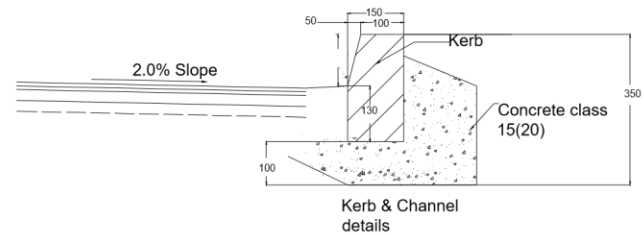
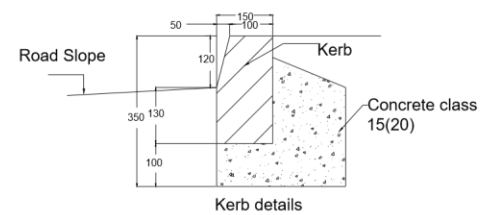
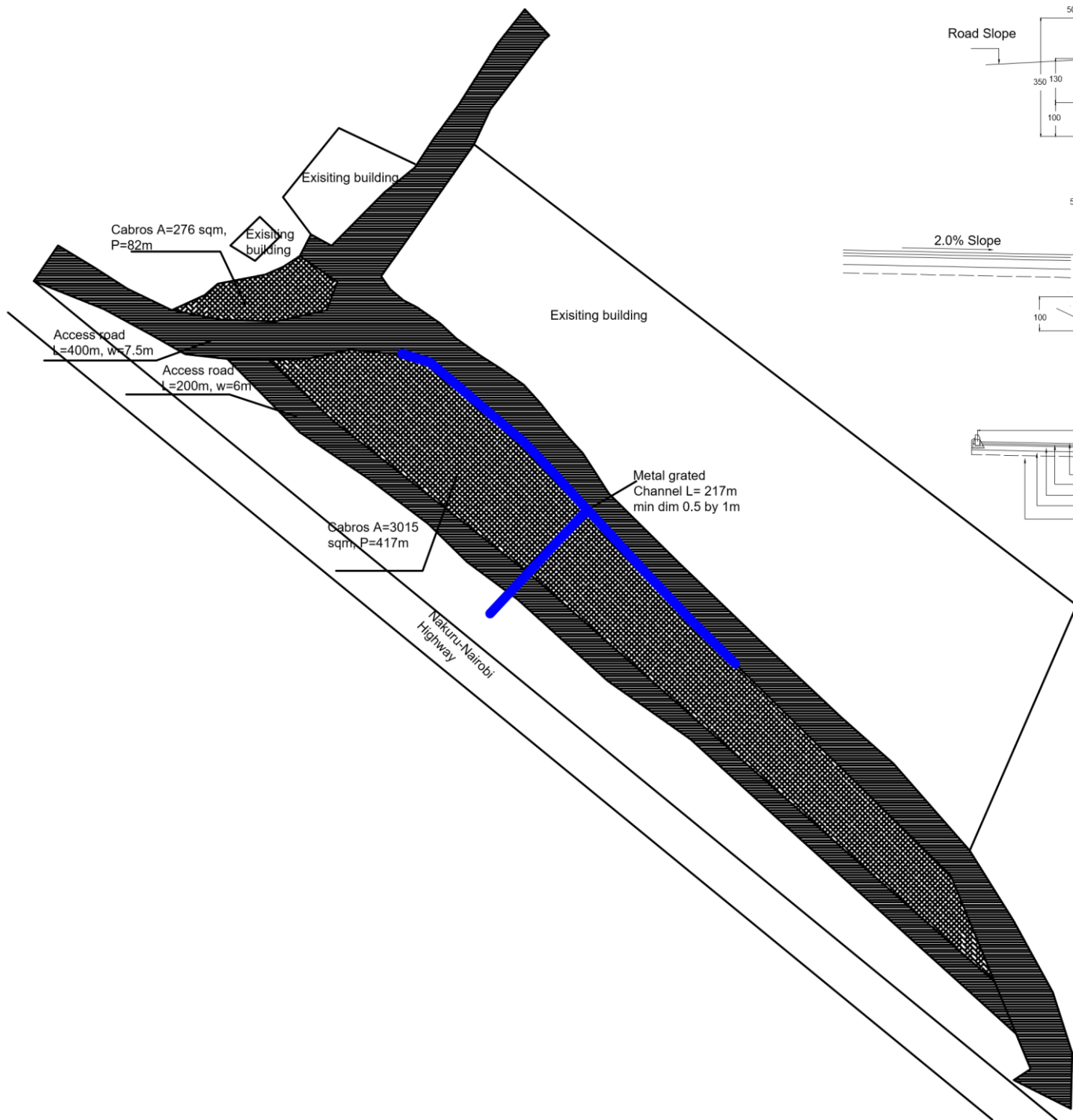
Witness Signature .....

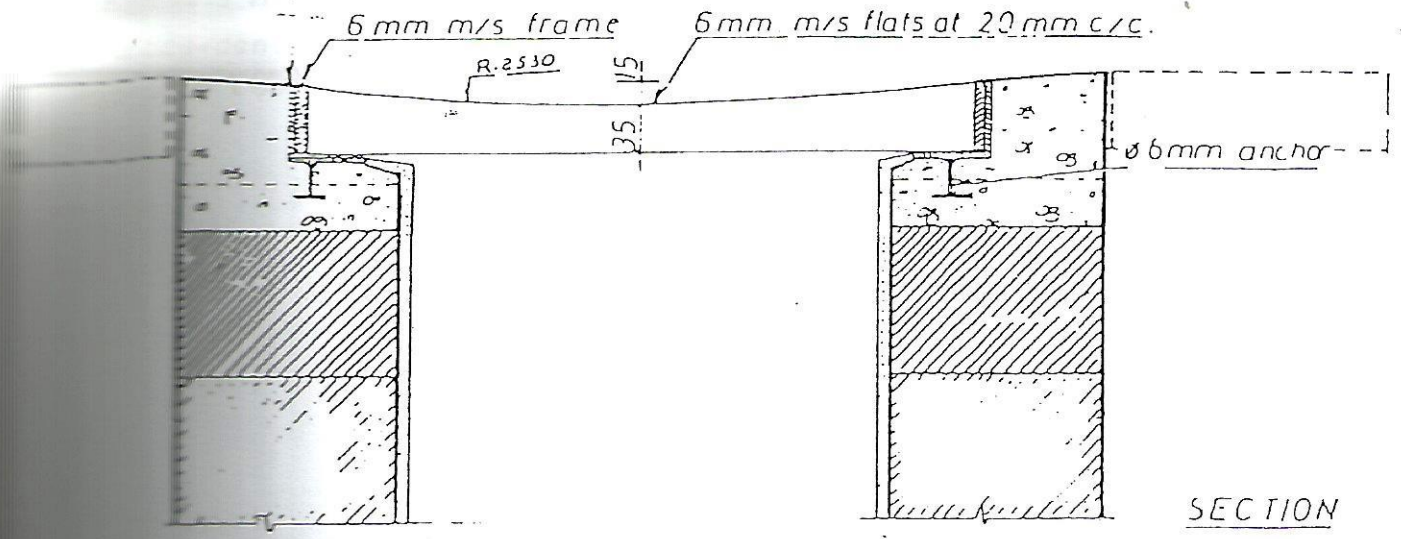
Address .....

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Date .....

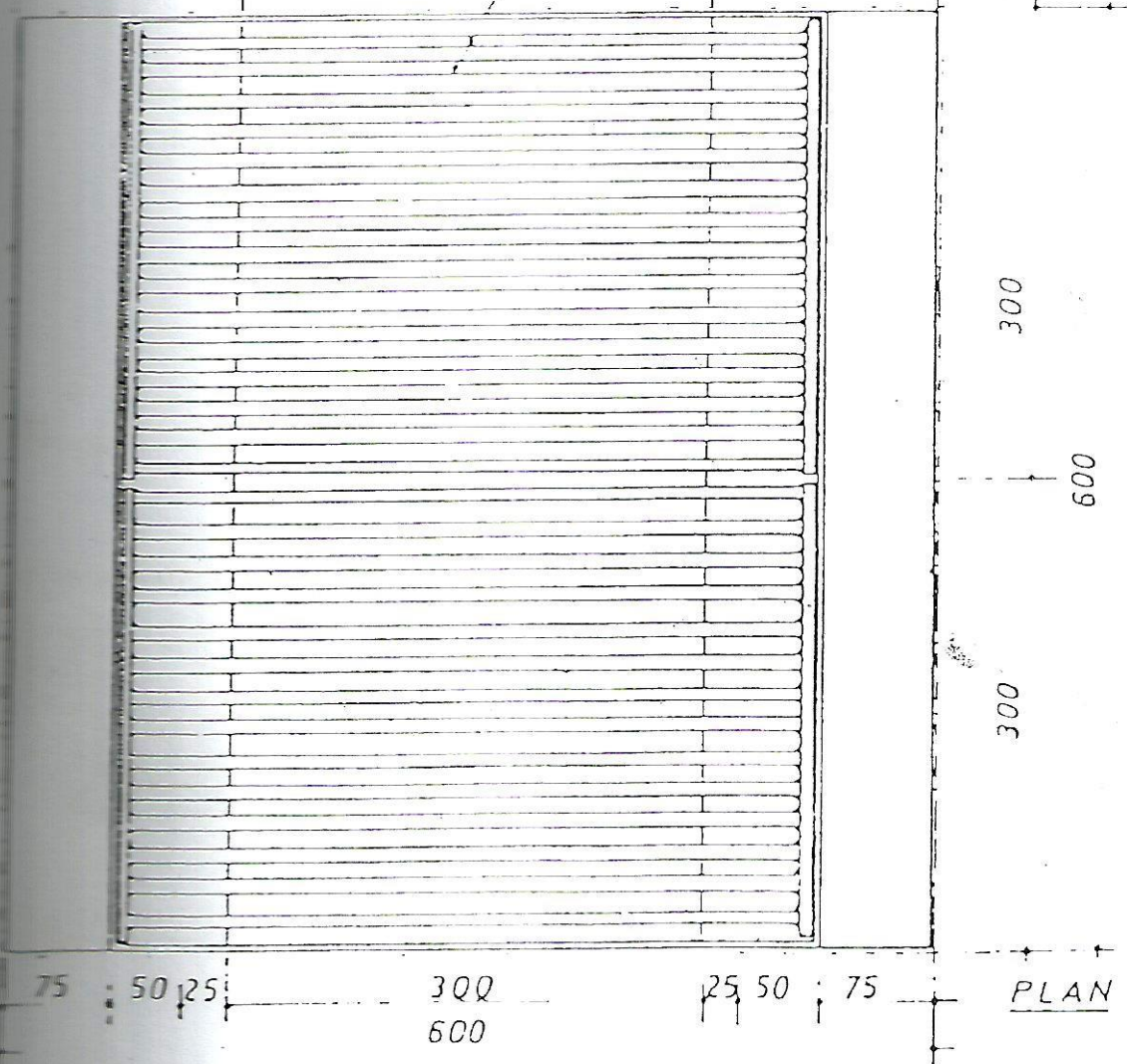






M/Steel grating made of 5mm flats at 20mm c/c.  
 welded to 6mm m/s frame To be made of two equal sections (75x75)

Grating to be deep galvanized and painted black



RDW HO. BUILDINGS DEPARTMENT	STANDARD DETAIL <i>(steel)</i>	DESIGNED/DRAWN <i>John A. Linturiri</i>
DWG. FEB. 1976	COVERED STORM DRAIN COVER STEEL	APPROVED: <i>[Signature]</i> 11/9-76 Chief structural engineer
SCALE 1:5	GRATING	DRG. NO (50) 5352E