



KENYA ELECTRICITY GENERATING COMPANY PLC

KGN-HYD-036-2022

**TENDER FOR CONSTRUCTION OF SAND DAM OR GABIONS FOR KINDARUMA
SEASONAL RIVERS
(Reserved for Women)**

21st November 2022

ADDENDUM NO. 1:

In accordance with the tender for construction of sand dam/gabions for Kindaruma seasonal rivers, KenGen hereby issues Addendum No. 1 as follows

I. REVIEWED BILL OF QUANTITIES

The Bill of Quantities has been revised as below;

**SCHEDULE 1: BOQ FOR CONSTRUCTION OF TWO(2) SAND DAMS OF
LENGTH (35 M) ON KITHONI RIVER**

***Coordinates -0.841706, 37.7647**

AVERAGE DIMENSIONS

Length -30-35m, Height – 2M, Base Width 2M and Crest width 1.5M.

Item	Description	Units	Qty	Rate (Ksh)	Amount
1.	Mobilization and demobilization of equipment and personnel to and from the site.	Ls	1		
2.	Allow for excavation of core trench to a depth of 0.5M or until firm base is attained with a width of at least 1M.	M ³	40		
3.	Allow for construction of a Reinforced concrete core of dimensions 0.3m wide, 2.7m high and 35m length with a ratio 1:3:4	M ³	70		

4.	Allow for construction of walling using a combination of Rubble Stones, concrete and mortar of dimensions 0.85 wide, 3.0m high and 35m length on both sides of the core.	M ³	400		
5.	Allow for smooth plastering using a sand, cement ratio of 1:3 mortar	M ²	160		
6.	Allow for construction of protective slab downstream using concrete, rubble stones and mortar with a ratio of 1:3:4	M ³	60		
7.	Allow for construction and installation of signage	No	2		
8.	Supply and install 2x1x1 m hexagonal woven galvanized gabions including natural stones well compacted and filled to areas directed by the Engineer	Nr	60		
SUB TOTAL CARRIED TO SUMMARY					

SCHEDULE 2: BOQ FOR CONSTRUCTION OF 2 NOS. SAND DAM OF LENGTH (30 M)ON KAMUNYU RIVER

*Coordinates -0.836448 ,37.791445

AVERAGE DIMENSIONS

Length -25-30m, Height – 2.7 M, Base Width 2M and Crest width 1.5M.

Item	Description	Units	Qty	Rate (Ksh)	Amount (Ksh)
1.	Mobilization and demobilization of equipment and personnel to and from the site.	Ls	1		
2.	Allow for excavation of core trench to a depth of 0.5M or until firm base is attained with a width of at least 1.5M.	M ³	40		
3.	Allow for construction of a Reinforced concrete core of dimensions 0.3m wide,2.7m high,300mm thickness and 40m length with a ratio 1:3:4	M ³	70		
4.	Allow for construction of walling using a combination of Rubble Stones, concrete and mortar of dimensions 0.85 wide, 3.0 high and 30m length on both sides of the core.	M ³	400		
5.	Allow for smooth plastering using a sand, cement ratio of 1:3 Mortar	M ²	160		
6.	Allow for construction of protective slab downstream using concrete, rubble stones and mortar with a ratio of 1:3:4	M ³	60		
7.	Allow for construction and installation of signage	Nr	2		
8.	Supply and install 2x1x1 m hexagonal woven galvanized gabions including natural stones well compacted and filled to areas directed by the Engineer	Nr	60		
	SUB TOTAL CARRIED TO SUMMARY				

Notes on the Construction

- The wing walls will extend 2-2.5m into both sides of riverbanks.
- The protective slab shall be constructed downstream with dimensions of Length 15M, width 1.5M and Thickness of 0.5M.
- Reinforcement bars to be used D16 and D12.
- Prices are inclusive of VAT where applicable.

SUMMARY

Item	Description	Amount (Kshs)
1	Schedule I	
2	Schedule II	
Subtotal (1+2)		
Add 16% VAT		
SUM TOTAL TAKEN TO TENDER		

Amount in words :

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2. EXTENSION OF TENDER CLOSING DATE

INITIAL TENDER CLOSING DATE	REVISED TENDER CLOSING DATE
Tender closing date 28th November, 2022 at 10.00 a.m.	Tender closing date 6th December 2022 at 10.00 a.m.
Tender opening date 28th November, 2022 at 10.30 a.m.	Tender opening date 6th December 2022 at 10.30 a.m.

ACKNOWLEDGEMENT OF ADDENDUM NO.1

We, the undersigned hereby certify that the addendum is an integral part of the document and the alterations set out in Addendum have been incorporated in our tender document.

Signed.....

Tenderer.....

Date