



**NAKURU RURAL WATER AND SANITATION COMPANY
LIMITED**

NARUWASCO

BIDDING DOCUMENT

FOR

**CONSTRUCTION OF MUTIRITHIA WATER
SUPPLY AND SANITATION PROJECT**

TENDER No.

NRW/05/2022-2023

**PROGRAMME: AUGMENTATION AND REHABILITATION
OF MAISHANI SANITATION FACILITY**

CATEGORY: OPEN TENDER

CLOSING DATE: 9TH SEPTEMBER

2022

TIME: 12:00PM

©AUGUST 2022

Date: 1st September 2022

Tender No: NRW/05/2022-2023

Project: Construction of Mutirithia water supply and sanitation project

To: All Bidders

CLARIFICATION/ADDENDUM NO. 1

Pursuant to Clauses 9.1 of the tender document dated 19th August 2022, all bidders are advised of the clarifications and revisions to the tender as indicated below.

All other terms and conditions of the tender shall remain unchanged.

Managing Director

NAKURU RURAL WATER AND SANITATION COMPANY LIMITED

Question no. 1: kindly clarify to us Tender Security Amount?

Answer no. 1

Pursuant to clause 21 of the tender document dated 19th August 2021, the tender security shall be 2% of the tendered sum and must be an unconditional bank guarantee from a reputable commercial bank in Kenya.

Question no. 2: Tender did not have general preliminaries

- a) Mobilization – Plants tools and equipments

Answer no. 2 (a)

Mobilization was not provided in the tender document due budgetary constraints.

- b) Insurance – insurance for works, staff etc.

Answer no 2 (b)

The insurance shall be negotiated after tender award especially during the contract negotiation period.

Question no 3: no provision for bush clearing, rock excavation, if need for foreign material for back filling and route marker posts.

Answer no 3

The items sought shall be addressed under the day work rates added to the bills of quantity. See reviewed bills of quantities from the website www.naruwasco.co.ke however, marker post are not included in the bills of quantities.

Question no. 4 (a): item (A) S/No. 5&6 total length of the pipeline is 36000 metres, but the two items read 35300 metres. What will happen to the difference?

Answer no.4 (a)

The PPR with a total distance of 700 metres shall be delivered to the NARUWASCO office at the headquarters for meter installation which is not the contractor's scope. The 35300 metres is the total distance of pipes that the contractor shall be required to supply deliver, install, and test.

Question no. 4 (a): item (F) S/No. 2 Waste pipe repair and clearance of sewer site, the blockage has sewer therefore to repair you need to open/release the sewer. How do you contain the sewer

Answer no.4 (b)

To carry out repair on live sewer pipeline, the contractor shall be required to divert the sewer at the specific location repairs will be undertaken. However, it would be difficult to specify the quantities should extra location require diversion and therefore the item shall fall as a day work rate as is on the revised bills of quantities.

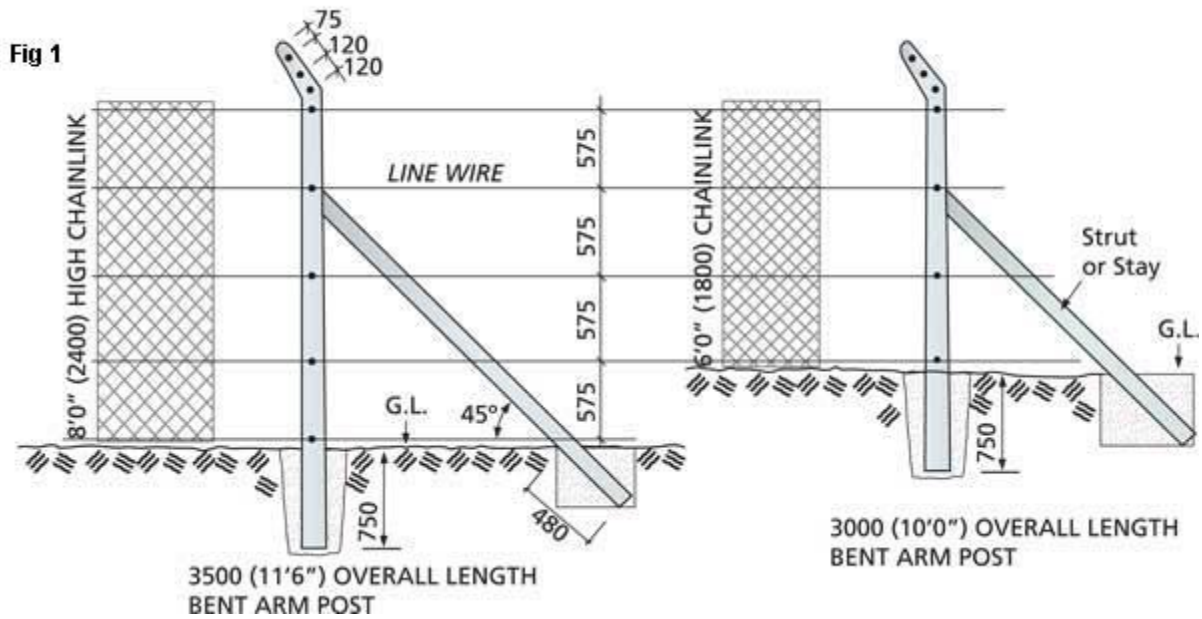
Question no. 4 (c): Kindly give the concrete post size and if possible, the drawings on the item (F) S/No. 4

Answer no.4 (c)

The fencing posts conform to the Reference Standard: KS 1186: 2003 – Specification for reinforced concrete fencing posts and struts/concrete and concrete products, that ensures the product guarantee is

maintained with dimensions being 150x100x2400 (8ft). the base where the 14-gauge chain link 7ft long with touches the ground shall be well anchored to the ground.

BENT ARM POSTS
To BS 1722 PT1 1986

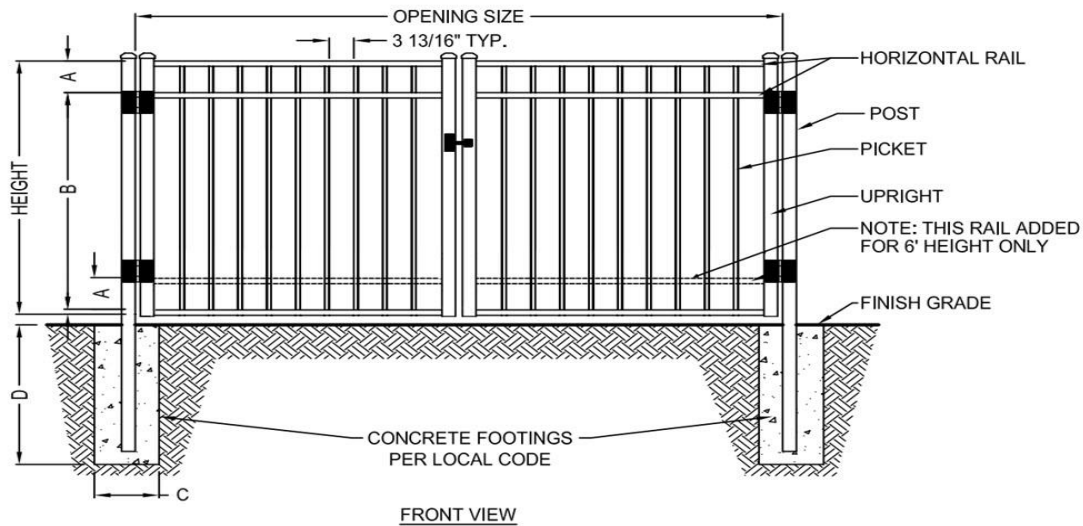


Drawing 1: not into scale

Question no. 4 (d): steel gate. Kindly give the gate size and drawing if possible

Answer no.4 (c)

Please see attached illustration of the gate requirements. Please note we are looking forward to installation entry and exit gates due to inadequate spacing at the stabilization ponds site.



SPECIFICATIONS:

- POSTS:**
 2" X 2" X .080" WALL
 2" X 2" X .125" WALL
 2 1/2" X 2 1/2" X .100" WALL
- UPRIGHT:**
 2" X 2" X .080" WALL
- HORIZONTAL RAILS:**
 1 1/8"W X 1"H
 SIDE WALLS - .082"
 TOP WALLS - .062"
- PICKETS:**
 5/8" X 5/8" X .050" WALL
 PICKET SPACING - 3 13/16"

DIMENSIONS				
HEIGHT	A	B	C	D
3'	6"	29"	PER LOCAL CODE	
3 1/2'	6"	35"	PER LOCAL CODE	
4'	6"	41"	PER LOCAL CODE	
4 1/2'	6"	47"	PER LOCAL CODE	
5'	6"	53"	PER LOCAL CODE	
6'	6"	65"	PER LOCAL CODE	

Drawing 2: entry and exit gates illustration

Question no. 4 (d): on tank repairs, the top slab is not mentioned, kindly advise if it's being repaired

Answer no.4 (c)

The tank top shall not be touched not unless the procuring entity deems it necessary to have it done so due to budgetary constraints.

Question no. 5: where shall the sludge dredged from the stabilization ponds be dumped?

Answer no. 5

The waste shall be dumped 4 km from the location of the stabilization pond at the forest with authority from Kenya forest service and NEMA.