

# ALFRED NZO

DISTRICT MUNICIPALITY

Enquiries: Mr. Mjokovana

10<sup>th</sup> September 2019

## SPECIFICATION FOR FENCING AND RAINWATER TANKS AND STANDS IN MPHAKAMISI ZONE CENTRE

### **Supplementary Preambles**

1. All fencing components are to be hot-dip galvanised after manufacture
2. Flatwrap wire to comply with CKS 592
3. Flatwrap wire and clips to be "Aluzink" coated

### **Site clearance**

Allow for clearing site for the width of 1 000 mm where fencing runs are to be erected for a magnitude of 334m

### **Supply, delivery and erection of fencing material**

Item No	Description	Unit	Quantity	Rate	Amount
1.	MATERIALS				

2.	<p>Security fencing 2,2m high formed of 60mm diameter x 3mm wall thickness galvanised intermediate posts 2700mm long , holed six times, fitted on top with pressed steel caps, 150 x 150 x 5mm thick mild steel baseplates welded on at bottom and embedded in and including 300 x 300 x 700mm deep 15MPa mass concrete base at maximum 3m centres, including four 4mm galvanised straining wires secured to posts; the vertical height covered with 50 x 50 x 2,5mm galvanised Class A Weldmesh fencing 1800mm high fixed to straining wires with "Hogring" clips applied at 500mm centres and the top covered with a single row of 500mm flatwrap razor wire attached to and including two strands of barbed wire and weldmesh with "Hogring" clips at 400mm centres, and at each overlap of the flatwrap with the adjacent flatwrap</p>	M	334		
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3.	12 mm Diameter galvanised mild steel straining eye bolt with hook, threaded portion and two nuts and washers, including hole through post.	No	70		
4.	Extra over fencing for 100mm Diameter x 3mm wall thickness straining or corner post 2700mm long holed six times and fitted on top with a pressed steel cap and other end fitted with 200 x 200 x 5mm thick galvanized mild steel base plate welded on and embedded in and including 450x 450 x 700mm deep 15MPa mass concrete base	No	20		

5.	Extra over fencing for 100mm Diameter x 3mm wall thickness end post 2700mm long holed six times and fitted on top with a pressed steel cap and other end fitted with 200 x 200 x 5mm thick galvanised mild steel base plate welded on and embedded in and including 450x 450 x 700mm deep 15MPa mass concrete base	No	10		
6.	Extra over fencing for 125mm Diameter x 3mm wall thickness gate post 2700mm long holed six times and fitted on top with a pressed steel cap and other end fitted with 200 x 200 x 5mm thick galvanised mild steel base plate welded on and embedded in and including 450 x 450 x 900mm deep 15MPa mass concrete base	No	02		
7.	<b>Gate</b>				
8.	Double vehicle gate size 3800 x 1800mm high in two equal leafs, each leaf as described above	No	01		
9.	50mm Galvanised steel locking chain 500mm long	No	01		

	welded to gate frame				
10.	Heavy duty padlock	No	01		
11.	500 x 500 x 700mm Deep 20MPa mass concrete keep block with 19mm diameter x 100mm long galvanised pipe cast into top, including all necessary excavation, formwork, etc	No	01		
12.	20MPa/19mm Stone concrete under gates, 1 m wide x average 200 mm thick overall, humped and shaped to falls, including excavations, formwork, backfilling, etc	M	04		

### **Annexure B**

#### **Supply, delivery and installation of rainwater tanks and stands**

13.	Plumbing, Drainage and rainwater tank and stands	Unit	Quantity	Rate	Amount
14.	<b>Earthworks</b>				
15.	5000 Litre plastic seamless water storage tank complete with fixing lugs and lid, fitted with and including 15mm brass bibtap with handle suitable for padlocking and setting in position on concrete tank stand (elsewhere measured) and tying down with 4mm diameter galvanised wire wrapped twice around centre of tank and secured to each corner	No	04		

	of tank stand with a double strand of 4mm diameter galvanised wire embedded into concrete.				
16.	Hole through top of tank lid for 100mm diameter pipe.	No	04		
17.	Cement concrete (20MPa) in footings	M3	04		
18.	Thinned 20% With Mineral Turpentine And Two Coats Wall & All On	M2	14		
19.	<b>Additional</b>				
19.1.	Delivery Cost	Km	100		
19.2.	<b>VAT 15%</b>				


**NB: all bidders must be registered with CIDB, a minimum of 1SQ or 1SQPE only.**

#### **EVALUATION CRITERIA**

This project will be evaluated based on the below criteria:

• BBEE points	20
• Pricing	80
<b>Total</b>	<b>100</b>

**REQUESTED BY:**



**Mr. V. MJOKOVANA**  
**LED OFFICER**

**APPROVED BY:**



**MR. M. VAKALISA**  
**ACTING SENIOR MANAGER PLANNING AND ECONOMIC DEVELOPMENT**