

LABOUR AND MATERIAL**MAGUADA PRIMARY SCHOOL - FENCING**

ITEM	DESCRIPTION	Unit	QTY	RATE	AMOUNT
A	<u>FENCING</u> Materials Materials and workmanship shall comply with the following specifications and requirements : Zinc-coated fencing wire : SANS 675 Prefabricated concrete components for fencing : SANS 1372 All galvanized wire shall be zinc coated wire with Class B zinc coating Straining wire shall be 4mm diameter galvanized mild steel wire Tie wire shall be 1,6mm diameter galvanized mild steel wire Galvanized barbed wire Galvanized barbed wire shall be 2,5mm diameter mild steel double strand reverse twist zinc coated barbed wire with Class A zinc coating <u>Metal droppers and standards</u> Droppers shall be of ridged T-section mild steel with a mass of not less than 0,55kg/m. Standards shall be of I- section mild steel with a mass of not less than 3kg/m or of ridged edge Y-section mild steel with a mass of not less than 2,5kg/m, and shall be driven 600mm deep into the ground				
	TOTAL AMOUNT FOR THIS PAGE				R

MAGUADA PRIMARY SCHOOL - FENCING

ITEM	DESCRIPTION	Unit	QTY	RATE	AMOUNT
	<u>Concrete bases</u> Bases in ground for posts, stays, etc shall be of Class B prescribed mix concrete with tops 100mm below surface of ground <u>Metal posts and stays</u> Posts and stays shall comply with CKS 451 and shall be of black galvanized mild steel tubing as specified Straining posts shall be of 108mm outside diameter x 3mm wall thickness tubing, each with a 300 x 300 x 5mm thick mild steel sole plate and a steel cap welded on Intermediate posts shall be of 50mm outside diameter x 2,5mm wall thickness tubing, each with a 230 x 230 x 5mm thick mild steel sole plate and a steel cap welded on Stays for straining posts shall be of 50mm outside diameter x 2,5mm wall thickness tubing, each 230 x 230 x 5mm thick mild steel sole plate welded on and fixed raking with top end flattened, <u>Bolts, nuts and washers</u> Straining eye bolts, hinge bolts, bolts, nuts and washers shall be galvanized Sizes of concrete bases for posts, stays, etc shall be as follows: Straining and gate posts – 450 x 450 x 700mm deep Intermediate posts – 300 x 300 x 600mm deep Stays – 600 x 300 x 500mm deep				
	TOTAL AMOUNT FOR THIS PAGE				R

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ITEM	DESCRIPTION	Unit	QTY	RATE	AMOUNT
	Posts				
	Posts and stays shall comply with CKS 451				
1	75mm diame clarence around the fence (1m inside and out: Stays (12m intervals)	No	54		
2	Stays in all corner posts and intermediates 1,5mm stays at 150x150mm base plate	No	46		
	Wires				
	Wire shall be fabricated from 3mm diameter galvanized high tensile steel				
3	125mm x 3 lines barbed wire above chain linked fence	m	1 500		
	Chain link fence				
4	2,5mm chain link fence including clarence around the fence (1m inside and outside)	m	600		
	Mortat mix				
5	42,5N cement in 1: 2:2 mortar mix cast into the posts	Item	9		
	Droppers				
6	2,4mm Y- Section standard droppers in 10m spacings washers shall be galvanized	No	120		
	TOTAL AMOUNT FOR THIS PAGE				R

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ITEM	DESCRIPTION	Unit	QTY	RATE	AMOUNT
B	Gates Gates shall be formed of 40mm outside diameter x 2,5mm wall thickness mild steel tubular framework with welded joints, strongly braced as necessary and filled in with wire mesh as described above, properly strained and securely bound to framework with tie wire				
	Motor gate				
7	4 000mm x 2 200mm sliding motor gate complete with 2 x small steel wheels supplied by specialists	No	1		
	Steel angle iron and roll bars				
8	75mm angle iron supplied and laid with concrete and basement support (2,5mm)	m	2		
9	10mm roll bars welded to an angle iron to form rail for sliding gate with stop - end supported on edges	m	2		
	Pedestrian gate				
10	900 x 2 200mm pedestrian gate complete with hinges and pad lock supplied by the specialists.	No	1		
	Tilling work Contractor is requested to carefully remove broken floors, tiles and prepare to put new				
11	Surface bed	m ²	79		
12	Remove broken tiles and put new	m ²	87		
13	Grouting and cleaning	m ²	59		
	TOTAL AMOUNT FOR THIS PAGE				R

FINAL SUMMARY

Item	Description	Page	Amount
	FENCING PROJECT FINAL SUMMARY		
A	FENCING		
1	Post, wires, mortar mix and droppers		R
B	GATES		
2	Motor gate, steel angle iron, roll bars and pedestrian gate. Etc.		R
	SUB TOTAL		R
	ADD 15 % VAT		R
	TOTAL AMOUNT TENDERED		R