

PROPOSED BOUNDARY WALL FOR K.C.N.P.			Section 02	Page 01
SECTION 02 BOUNDARY WALLS				
ELEMENT 01 ALL ELEMENTS				
Excavation including maintaining and supporting sides and keeping free from water, mud and fallen materials				
01	For foundations commencing at ground level - not exceeding 1.50 metres deep	CM	400	-
02	For column bases commencing at ground level - not exceeding 1.50 metres deep	CM	335	-
03	Extra over for excavating in rock	CM	735	-
Disposal				-
04	Backfilling around foundations	CM	498	-
05	Load and cart away surplus soil	CM	237	-
Plain concrete (1:4:8)				-
06	Blinding under foundations and bases, thickness - 50 mm	SM	735	-
Vibrated reinforced concrete class 25				-
07	Foundations	CM	80	-
08	Column bases	CM	101	-
09	Columns	CM	83	-
10	Beams	CM	36	-
Reinforcement (All Provisional)				-
High yield deformed steel bar reinforcement to B.S. 4461				-
11	- 12 mm Diameter bars	Kg	7,000	-
12	- 10 mm Diameter bars	Kg	5,000	-
13	- 8 mm Diameter bars	Kg	4,000	-

Section 0			Page 02
			b/f
Formwork			-
014	Sides of columns	SM 1,106	-
015	Sides and soffits of beams	SM 360	-
Precast concrete trimming finished fair on all exposed faces			
Coping, size			
016	- 300 x 75 mm	LM 901	-
Pier caps,size			
017	- 400 x 400 mm	No. 335	-
Machine cut natural coral block walling in cement mortar			
Walling,			
018	- 200 mm	SM 2,476	-
Cement and sand (1:4) rendering			
Rendering to walls finished with a wood float, thickness			
019	- 20 mm	SM 2,476	-
Prepare and apply three coats plastic emulsion paint			
020	Rendered walls externally	SM 2,476	-
Element 01			
All Elements			-
Carried to Summary			

SECTION 02 BOUNDARY WALL

Section 02

SUMMARY

Page

Kshs

01. All Elements

02/04

-

-

Total carried to Main Summary

PROPOSED BOUNDARY WALL FOR K.C.N.P.		Section 03		Page 01	
SECTION 03 GUARD HOUSE					
ELEMENT 01 ALL ELEMENTS					
Site Clearance					
Excavate to remove topsoil and load, wheel and deposit where directed, average depth					
001	- 200 mm	SM	51		-
Excavation including maintaining and supporting sides and keeping free from water, mud and fallen materials					
For foundations commencing at reduced level					
02	- not exceeding 1.50 metres deep	CM	14		-
For column bases commencing at ground level					
03	- not exceeding 1.50 metres deep	CM	6		-
04	Extra over for excavating in soft rock	CM	20		-
Disposal					
05	Backfilling around foundations from spoil heaps	CM	14		-
06	Load and cart away surplus	CM	6		-
Imported filling					
Hardcore bed, thickness					
007	- 300 mm	SM	16		-
Murrum blinding to hardcore, etc., thickness					
008	- 50 mm	SM	16		-
Damp-proof membranes					
09	1000 Gauge polythene laid under surface beds	SM	21		-
Anti-termite treatment					
Chemical anti-termite treatment executed by an approved specialist under a ten year guarantee to surfaces of hardcore, etc.					
10		SM	21		-
				c/f	-

Section 03			Page 02	
Plain concrete 1:4:8			b/f	-
011	Blinding under foundations and bases, thickness - 50 mm	SM 16		-
Vibrated reinforced concrete class 25				
12	Foundations	CM 2		-
13	Column bases	CM 2		-
014	Beds, thickness - 100 mm	SM 21		-
15	Beams	CM 1		-
16	Columns	CM 2		-
017	Suspended slabs, thickness - 150 mm	SM 21		-
High yield deformed steel bar reinforcement to B.S. 4461				
18	32 to 16 mm Diameter bars	Kg 355		-
19	12 mm Diameter bars	Kg 305		-
20	10 mm Diameter bars	Kg 203		-
21	8 mm Diameter bars	Kg 152		-
Steel mesh fabric reinforcement to B.S. 4483				
22	Layer of mesh fabric reinforcement laid in slab or bed (measured nett - no allowances made for laps) - Ref. A142 weighing 2.22 Kgs. per square metre	SM 21		-
Formwork				
23	Soffits of slabs	SM 21		-
			c/f	-

Section 03			b/f	Page 03	
24	Sides of columns	SM	26	-	-
25	Sides and soffits of beams	SM	6	-	-
26	Edges of beds, etc - 75 to 150 mm high	LM	16	-	-
27	Edges of slabs, etc - 75 to 150 mm high	LM	16	-	-
Precast concrete trimmings finished fair on all exposed surfaces					
028	Copings, size - 300 x 50 mm	LM	20	-	-
Machine cut natural coral block walling in cement mortar					
029	Walling, - 200 mm	SM	81	-	-
Ruberoid S.B.S. Superflex T-O Polyester based 250 GSM. 35 kg/8 sq. m, nominal thickness 4.0 mm, Mineral surface finish by "Torch on" application by Specialist to give 10 years guarantee					
030	To screed roofs laid to falls and cross falls not exceeding 15 degrees from horizontal	SM	21	-	-
031	Skirting including turn into groove, girth - 200 mm	LM	16	-	-
032	Make good to luting flange of rainwater outlet	No.	1	-	-
			c/f	-	-

Section 03			Page 04	
U.P.V.C Pipes,gutters and fittings to B.S.4576, Part 1 (Reference to Terrain Product Handbook PH.05)			b/f	-
Pipes (2100) with solvent welded joints cast into concrete column or beams, diameter				
033 - 100 mm	LM	3		-
Extra for shoe (2110) in pipe,diameter				
034 - 100 mm	No.	1		-
Extra for bend(2108) in pipe diameter				
035 - 100 mm	No.	1		-
Flat roof outlet (2170) and joint to pipe,diameter				
036 - 100 mm	No.	1		-
Cement and sand (1:4) beds and backings with Dr. Fixit Pidiproof LW and waterproofing compound				
Screeds, levelling finished with a steel trowel, thickness				
037 - 20 mm	SM	21		-
Screeds to receive flooring average thickness				
038 -75 mm	SM	21		-
Triangular fillet, size				
039 - 50 x 50 mm	LM	16		-
Coffee tray wire				
Wire mesh and fixing between joint of concrete column or beam and masonry walling before rendering or plastering				
040	SM	40		-
Cement and sand (1:4) rendering				
Rendering to walls finished with a wood float, thickness				
041 - 20 mm	SM	59		-
			c/f	-

Section 03				Page 05	
Lime plaster				b/f	-
42	Plaster to walls	SM	69		-
43	Plaster to soffits	SM	16		-
Ceramic floor and wall tiles					
44	Supply and fix non-slip floor tiles with 2 mm spacers, approved adhesive and an antifungal tinted grout	SM	17		-
45	Supply and fix wall tiles with 2 mm spacers, approved adhesive and an antifungal tinted grout	SM	17		-
Cement and sand (1:4) beds and backings					
046	Beds to receive flooring, etc., finished with a steel trowel, thickness - 42 mm	SM	17		-
047	Backing to tile walls, etc., thickness - 15 mm	SM	17		-
Prepare and apply three coats plastic emulsion paint					
048	Rendered walls externally	SM	59		-
Prepare and apply three coats silk vinyl emulsion paint on					
48	Plastered walls	SM	69		-
49	Plastered soffits	SM	16		-
				c/f	-

Section 03			Page 06	
Aluminium windows			b/f	-
Supply and fix aluminium windows in appropriate number of sashes comprising of matching frames and clear or obscured glass according to Architect's instructions. Overall size				
050 - 1600 x 1600 mm	No.	1		-
051 - 1200 x 1200 mm	No.	1		-
052 - 600 x 600 mm	No.	1		-
Doors, frames and finishings in wrought mvule				
Frame with two labours plugged				
053 - 150 x 50 mm	LM	15		-
Architraves with one labour				
054 - 75 x 25 mm	LM	15		-
Quadrant beads				
055 - 25 x 25 mm	LM	15		-
50 mm thick Single leaf door in three panels with 100 mm stiles and top rail, 150 mm middle rail and 200 mm bottom rail filled with 25 mm moulded panels, overall size				
056 - 900 x 2100 mm	No.	1		-
Flush doors to B.S. 459 (Part 2)				
45 mm Semi solid core flush doors faced both sides with 6 mm interior quality plywood for painting and hardwood lipped all round, size				
057 - 900 x 2100 mm	No.	2		-
Ironmongery - Supply and fix the following with matching screws				
58 Pairs of butt hinges	No.	5		-
59 Two lever mortice lock with handle	No.	3		-
60 Brass tower bolts	No.	3		-
61 Floor mounted door stops	No.	3		-
			c/f	-

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Prepare and apply one coat wood preservative to woodwork before fixing			b/f -
06	Frames, skirtings, etc.	LM 15	-
Prepare and apply three coats polyurethane matt varnish to woodwork			
06	General surfaces	SM 23	-
06	Surfaces - 75 to 150 mm girth	LM 15	-
Element 01 All Elements			-
Carried to summary			

PROPOSED BOUNDARY WALL FOR K.C.N.P.
SECTION 03 GUARD HOUSE

Section 03

SUMMARY	Page	Kshs
01. All Elements	03/07	-
Total carried to Main Summary		-

**PROPOSED BOUNDARY WALL ON PLOT NO. 12889/380 KILIFI MANDHARINI, KILIFI COUNTY
FOR KENYA COAST NATIONAL POLYTECHNIC**

MAIN SUMMARY

SECTION NO.	SECTION NAME	PAGE NO.	KSHS.
01.	Preliminaries	01/28	-
02.	Boundary Wall	02/03	-
03.	Guard House	03/08	-
TOTAL COLLECTION			-
04.	Allow a Sum of 5 %for contingencies.		-
SUB-TOTAL			-
Add: 16 % V.A.T. on sub-total			-
TOTAL CARRIED TO FORM OF TENDER			-

(SIGNATURE OF EMPLOYER)

(SIGNATURE OF CONTRACTOR)

ADDRESS: _____

ADDRESS: _____

DATE: _____

DATE: _____