

PROPOSED STAFF QUARTERS AND STORE FOR K.C.N.P.					Page 01
ELEMENT 01 ALL ELEMENTS					
Site Clearance					
001	Excavate to remove topsoil and load, wheel and deposit where directed, average depth - 200 mm	SM	81		-
Excavation including maintaining and supporting sides and keeping free from water, mud and fallen materials					
002	For foundations commencing at reduced level - not exceeding 1.50 metres deep	CM	37		-
003	For column bases commencing at ground level - not exceeding 1.50 metres deep	CM	13		-
004	Extra over for excavating in soft rock	CM	25		-
Disposal					
005	Backfilling around foundations from spoil heaps	CM	25		-
006	Load and cart away surplus	CM	24		-
Imported filling					
007	Hardcore bed, thickness - 300 mm	SM	81		-
008	Murram blinding to hardcore, etc., thickness - 50 mm	SM	81		-
Damp-proof membranes					
009	1000 Gauge polythene laid under surface beds	SM	81		-
Anti-termite treatment					
010	Chemical anti-termite treatment executed by an approved specialist under a ten year guarantee to surfaces of hardcore, etc.	SM	81		-
c/f					-

					Page 02
	Plain concrete 1:4:8			b/f	-
011	Blinding under foundations and bases, thickness - 50 mm	SM	38		-
	Vibrated reinforced concrete class 25				
012	Foundations	CM	6		-
013	Column bases	CM	2		-
014	Beds, thickness - 100 mm	SM	81		-
015	Beams	CM	3		-
016	Columns	CM	2		-
	High yield deformed steel bar reinforcement to B.S. 4461				
017	12 mm Diameter bars	Kg	446		-
018	10 mm Diameter bars	Kg	123		-
019	8 mm Diameter bars	Kg	247		-
	Steel mesh fabric reinforcement to B.S. 4483				
020	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	81		-
				c/f	-

					Page 03
	Formwork			b/f	-
021	Sides of columns	SM	31		-
022	Sides and soffits of beams	SM	42		-
023	Edges of beds, etc - 75 to 150 mm high	LM	16		-
024	Edges of slabs, etc - 75 to 150 mm high	LM	39		-
	Machine cut natural coral block walling in cement mortar				
025	Walling, - 200 mm	SM	189		-
				c/f	-

					Page 04
				b/f	-
	ROOF COVER				
026	Supply and fix Aluminium sheets "zentile profile" brown in colour and including all necessary accessories.	SM	122		-
027	Ridge cap to match, jointed as necessary	LM	25		-
	ROOF STRUCTURE				
	The following in sawn treated timber roof trusses with bolted connections including hoisting and fixing in position approximately 3.00meters above ground floor level				
028	150mm x 50mm Rafters	LM	105		-
029	50mm x 50mm purlins	LM	121		-
030	150mm x 50mm Tie beams	LM	84		-
031	75mm x 50mm Wall Plate	LM	48		-
032	150 x 50mm ridge board	LM	58		-
033	150mm x 50mm Struts an Ties	LM	104		-
034	150mm x 50mm King-post	LM	10		-
035	200 x 25mm painted Fascia board	LM	45		-
	Ceiling finishes				
036	75x50mm branders @1800c/c	LM	99		-
037	50x50mm branders @600c/c	LM	150		-
038	Supply and fix 12mm thick V- jointed chip board fixed with to brandering (m.s) with clout nails	SM	110		-
039	Prepare and apply three coats of first quality emulsion paint on suspended ceiling	SM	110		-
				c/f	-

					Page 05
	U.P.V.C Pipes,gutters and fittings to B.S.4576, Part 1 (Reference to Terrain Product Handbook PH.05)				-
036	Gutters,half diameter - 100 mm	LM	46		-
037	Down pipes - 100 mm	LM	12		-
038	Extra over for swan neck,diameter - 100 mm	No.	4		-
039	Extra over for outlet diameter - 100 mm	No.	4		-
	Cement and sand (1:4) rendering				
040	Rendering to walls finished with a wood float, thickness - 20 mm	SM	81		-
				c/f	-

					Page 06
	Lime plaster			b/f	-
041	Plaster to walls	SM	56		-
	Ceramic floor and wall tiles				
042	Supply and fix non-slip floor tiles with 2 mm spacers, approved adhesive and an antifungal tinted grout	SM	71		-
043	Supply and fix wall tiles with 2 mm spacers, approved adhesive and an antifungal tinted grout	SM	9		-
	Cement and sand (1:4) beds and backings				
044	Beds to receive flooring, etc., finished with a steel trowel, thickness - 42 mm	SM	71		-
045	Backing to tile walls, etc., thickness - 15 mm	SM	9		-
	Prepare and apply three coats of weather resistant plastic emulsion paint				
046	Rendered walls externally	SM	81		-
	Prepare and apply three coats silk vinyl emulsion paint on				
047	Plastered walls	SM	56		-
				c/f	-

					Page 07
	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				
048	- 1200 x 1500 mm	No.	5		-
049	- 900 x 1000 mm	No.	2		-
050	- 600 x 600 mm	No.	2		-
	Doors, frames and finishings in wrought mvule				
	Frame with two labours plugged				
051	- 150 x 50 mm	LM	25		-
	Architraves with one labour				
052	- 75 x 25 mm	LM	25		-
	Quadrant beads				
053	- 25 x 25 mm	LM	25		-
	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				
054	- 900 x 2100 mm	No.	5		-
	Fabricate, supply and fix mild steel grill;fixed with lugs built into concrete or stone walls: all primed with red oxide .(Refer to architect's detail)				
055		SM	11		-
	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				
056	- 900 x 2100 mm	No.	2		-
				c/f	-

					Page 08
	Ironmongery - Supply and fix the following with matching screws			b/f	-
057	Pairs of butt hinges	No.	8		-
058	Two lever mortice lock with handle	No.	5		-
059	Brass tower bolts	No.	5		-
060	Floor mounted door stops	No.	5		-
	Prepare and apply one coat wood preservative to woodwork before fixing				
061	Frames, skirtings, etc. - 75 to 150 mm girth	LM	25		-
	Prepare and apply three coats polyurethane matt varnish to woodwork				
062	General surfaces	SM	19		-
063	Surfaces - 75 to 150 mm girth	LM	25		-
	Element 01				
	All Elements	Carried to summary			-

PROPOSED STAFF QUARTERS AND STORE FOR K.C.N.P.							Page 09	
	SUMMARY						Page	Kshs
01.	All Elements						08/08	-
Total carried to Main Summary								-

	PROPOSED STAFF QUARTERS AND STORE FOR K.C.N.P.				Page 10
	PRIME COST AND PROVISIONAL SUMS				
001	Allow a prime cost sum of one hundred and fifty thousand Kenya Shillings(Kshs. 150,000.00) for electrical works to be used as directed.		SUM		100,000.00
001	Allow a prime cost sum of two hundred thousand Kenya Shillings(Kshs.200,000.00) for mechanical works to be used as directed.		SUM		150,000.00
001	Allow a prime cost sum of three hundred and fifty thousand Kenya Shillings(Kshs.350,000.00) for Biodigester insallation to be used as directed.		SUM		275,000.00
					525,000.00

PROPOSED STAFF QUATERS AND STORE ON PLOT NO. 12889/380 KILIFI MANDHARINI, KILIFI COUNTY FOR KENYA COAST NATIONAL POLYTECHNIC					
MAIN SUMMARY					
SECTION NO.	SECTION NAME	PAGE NO.		KSHS.	
01.	STAFF QUARTERS	01/09		-	
02.	PRIME COST AND PROVISIONAL SUMS	01/10		525,000.00	
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)

ADDRESS:

(SIGNATURE OF CONTRACTOR)

ADDRESS:

DATE: _____

DATE: _____

M/S