

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT NO.1</u>				
	<u>SUBSTRUCTURE WORKS</u>				
	<u>ALL PROVISIONAL</u>				
	<u>The work in this item includes all works up to and including oversite concrete</u>				
A	Clear site of bush, stumps, trees and any existing structure and disposal of debris away from site.	370	SM	100	37,000.00
B	Allow for maintaining and upholding sides of excavation : clear off all fallen material, rubbish		ITEM		50,000.00
C	Allow for keeping the whole of the excavation free from general water		ITEM		50,000.00
D	Excavate to remove top soil of average depth 150mm and remove excavated material from site.	370	SM	150	55,500.00
E	Excavate to reduce levels from stripped level	26	CM	345	8,797.50
F	Excavate pit for column bases not exceeding 1.5m from reduced level.	6	CM	345	2,070.00
G	Excavate pit for column bases exceeding 1.5m but not exceeding 3.0m	2		430	946.00
H	Excavate for foundation trenches not exceeding 1.5m from reduced level	127	CM	345	43,642.50
I	Excavate for foundation trenches exceeding 1.5m deep but not exceeding 3.0m	30	CM	430	12,900.00
J	Load and cart away surplus excavated material from site.	77	CM	360	27,720.00
K	Approved imported murram fillings to make up levels : well compacted in 150mm thick layers.	293	CM	495	145,035.00

Total Carried to Collection					433,611.00
ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
A	500mm Thick bed of handpacked stone base, including 50mm thick sand; well rolled and compacted.	293	SM	485	142,105.00
B	Insecticide treatment to surface of hardcore, tops of foundation walling and bottom of excavation.	109	SM	230	25,070.00
	<u>CONCRETE WORK; PLAIN CONCRETE CLASS 10, 20mm AGGREGATE: IN</u>				
C	50mm Thick blinding layer under column bases	80	SM	430	34,400.00
D	Ditto but under strip foundations	370	SM	430	159,100.00
	<u>VIBRATED REINFORCED CONCRETE CLASS 25, 20mm AGGREGATE IN:</u>				
E	Column bases	48	CM	15,000	720,000.00
F	Sub-structure Columns	3	CM	15,000	45,000.00
	<u>VIBRATED CONCRETE CLASS 20, 20mm AGGREGATE IN:</u>				
G	Strip foundation	17	CM	12,500	212,500.00
H	150mm Thick ground floor slab	288	SM	1,875	540,000.00
I	Slab thickening	7	CM	12,500	91,250.00
	<u>STEEL REINFORCEMENT as described including cutting to length, bending, hoisting and fixing and including all necessary tying wire and spacing blocks</u>				
J	8mm Diameter bars	78	KG	170	13,260.00

Total Carried to Collection					1,982,685.00
ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>HIGH YIELD RIBBED BARS, TYPE 2 TO BS 4449 - 2005</u>				
A	12mm Diameter bars	-	KG	170	-
B	16mm Diameter bars	2,037	KG	170	346,290.00
C	20mm Diameter bars	-	KG	170	-
	<u>STEEL FABRIC REINFORCEMENT TO BS 4483 as described</u>				
D	BRC No. A 142 Fabric Mesh reinforcement fixed in slab	288	SM	490	141,120.00
	<u>FORMWORK TO</u>				
E	Vertical sides of column bases	96	SM	550	52,800.00
F	Vertical sides of strip foundations	42	SM	550	23,100.00
G	Vertical sides of columns	35	SM	550	19,250.00
	<u>WALLING</u>				
	<u>NATURAL STONE WORK; Roughly dressed stonework to shape jointed in cement sand (1:3) mortar : with and including hoop iron wall ties every alternative course (M/S) :in</u>				
H	200mm Thick walls.	216	SM	1,800	388,800.00
	<u>DAMP PROOF COURSE</u>				
I	200mm damp proof course	293	LM	170	49,810.00
	<u>DAMP PROOF MEMBRANE</u>				
J	1000 Gauge polythene sheeting laid on blinded hardcore	288	SM	175	50,400.00

Total Carried to Collection					1,071,570.00
ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
A	<u>SUNDRIES</u>				
	20 SWG Hoop iron wall tie 25mm wide cast 75mm into concrete and built into joint of blockwalling	137	LM	50	6,850.00
Total Carried to Collection					6,850.00
<u>COLLECTION PAGE</u>					
A	Total Carried to Collection				433,611.00
B	Total Carried to Collection				1,982,685.00
C	Total Carried to Collection				1,071,570.00
D	Total Carried to Collection				6,850.00

TOTAL CARRIED TO SUMMARY _ SUBSTRUCTURE					3,494,716.00
ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	ELEMENT NO. 2				
	SUPER STRUCTURE				
	WALLING				
	External & Internal walling				
	<i>Machine cut walling</i>				
A	200mm thick ditto, bedded and jointed in c/s morta (1:3) reinforced with 200 SWG hoop iron in alternate courses to external walls	720	SM	1,800	1,296,000.00
B	150mm thick ditto bedded and jointed in c/s morta ditto but in internal walls	185	SM	1,650	305,250.00
	<i>Vibrated reinforced concrete 1:2:4 (class 20/20) in:</i>				
C	Columns	16	CM	12,650	202,400.00
D	Beams	37	CM	12,650	468,050.00
E	Slabs	130	CM	12,650	1,644,500.00
	STEEL REINFORCEMENT				
	<i>High yield square twisted steel reinforcement bars to BS 4461 including for cutting, bending to shape, tying, hooking and spacer blocks as described in:</i>				
	<i>Beams</i>				
F	8mm Diameter bars	609	KG	170	103,530.00
G	10mm Diameter bars	5	KG	170	850.00
H	16mm Diameter bars	1,549	KG	170	263,330.00
I	20mm Diameter bars	370	KG	170	62,900.00

J	25mm Diameter bars	177	KG	170	30,090.00
	Columns				
K	8mm Diameter bars	585	KG	170	99,450.00
L	10mm Diameter bars	17	KG	170	2,890.00
M	16mm Diameter bars	1,425	KG	170	242,250.00
N	20mm Diameter bars	1,282	KG	170	217,940.00
O	25mm Diameter bars	368	KG	170	62,560.00
	Slabs				
	STOREY 1				
	10mm Diameter bars	2,586	KG	170	439,620.00
	STOREY 2				
	10mm Diameter bars	2,501	KG	170	425,170.00
	STOREY 3				
	10mm Diameter bars	2,551	KG	170	433,670.00
	FORMWORK TO				
H	Vertical sides of columns	216	SM	575	124,200.00
I	Sides and soffittes of beams	2,143	SM	575	1,232,225.00
J	Soffittes of horizontal solid slab	921	SM	575	529,575.00
K	Edges of slab 150 - 225mm high	106	LM	100	10,600.00
	<u>SUNDRIES</u>				
L	20 SWG Hoop iron wall tie 25mm wide cast 75mm into concrete and built into joint of blockwalling	2,796	LM	50	139,800.00
Total Carried to Collection					8,336,850.00

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT NO. 3</u>				
	<u>FLAT ROOF</u>				
	<i>Parapet Walls</i>				
	MACHINE CUT STONE WORK; Roughly dressed stonework to shape jointed in cement sand (1:3) mortar : with and including hoop iron wall ties every alternative course (M/S) :in				
A	200mm thick parapet walls	53	SM	1,800	95,400.00
	PCC COPING TO PARAPET WALLS				
B	350 X 50mm thick	75	LM	900	67,050.00
	<i>Screed</i>				
C	50mm screed to roof slab	330	SM	460	151,800.00
D	Ditto to parapet	46	SM	460	21,160.00
	<i>Angle Fillet</i>				
E	Ex 50 x 50mm angle fillet	73	LM	700	51,030.00
	<i>Asphalt Skirting</i>				
F	200mm high asphalt skirting rib turned and prepared groove-in bark	1,304	LM	835	1,088,840.00
	<i>Rain Water Drop Pipe</i>				
G	160mm diameter rain water drop pipe fixed to wall using clips at 1000mm c/c	20	LM	1,300	26,260.00
H	Extra over ditto for 90° bends	2	NO	109	218.00
I	Extra over ditto for 160mm diameter rain water shoe	2	NO	885	1,770.00

J	Extra over ditto for 110mm long radius bends	2	NO	460	920.00
Total Carried to Collection					1,504,448.00
<u>COLLECTION PAGE</u>					
A	Total Carried to Collection				8,336,850.00
B	Total Carried to Collection				1,504,448.00
TOTAL CARRIED TO SUMMARY _ UPPER FLOORS & FLAT ROOF					9,841,298.00
ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT NO. 4</u>				
	<u>WINDOWS</u>				
	<u>Supply and fix the following mild steel casement windows complete with inbuilt permanent vents, opening and closing accessories including painting to approval</u>				
A	2100 X 1600mm high to detail	11	NO	14,500	159,500.00
B	Ditto 600 X 500mm	4	NO	3,700	14,800.00

C	Ditto 800 x 1800mm	12	NO	9,000	108,000.00
D	Ditto 2800 x 600mm	2		21,420	42,840.00
	Curtain walls				
E	Ditto 1200 x 1200mm panels	10	NO	9,420	94,200.00
	Glazing				
F	6mm thick clear glass in panes between 0.5-1.0sm fixed with putty	75	SM	2,680	201,000.00
G	Fabricate, supply and fix burglar proofing grille comprising of 25x25x2mm mild steel RHS section to detail	300	SM	3,700	1,110,000.00
Total Carried to Collection					1,730,340.00
ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	ELEMENT NO.6				
	DOORS				
	Wrot mahogany in :				
A	Ex. 40 x 25mm splayed architrave	228	LM	70	15,960.00
	Supply and fix the following doors:				
B	External doors complete with iron mongary with 30mm thick bevelled panels	2	NO	35,000	70,000.00
	Mahogany Doors				
C	50mm thick solid mahogany panel double door size 1500x2400mm high comprising of 150x50mm stiles and mid-rails, 200x50mm top and bottom rails	9	NO	52,750	474,750.00
D	Ditto but 800 x 2100mm high	16	NO	41,330	661,280.00
E	Ditto but 900 x 2100mm high	15	NO	41,330	619,950.00

	Supply and fix the following ironmongery as per "UNION" catalogue including for matching screws and all labours in connection therewith:				
F	3-lever mortice lock complete with SAA handles and furniture	30	NO	3,900	117,000.00
G	2 Lever ditto	2	NO	3,150	6,300.00
H	Cylinder satin steel floor mounted door stop	32	NO	910	29,120.00
I	100mm brass finished double washer hinges	32	PRS	1,170	37,440.00
J	Stainless steel pull handles	9	NO	975	8,775.00
K	50 x 3mm once bent fish tailed mild steel door cramp with one end built into masonry wall, the other screwed onto back of door frame	2	NO	50	100.00
	Painting				
	Prepare and apply three matt enamel paint to:				
L	General surfaces of metal doors (both sides)	20	SM	300	6,000.00
Total Carried to Collection					2,046,675.00
COLLECTION PAGE					
A	TOTAL CARRIED TO COLLECTION				1,730,340.00
B	TOTAL CARRIED TO COLLECTION				2,046,675.00

	TOTAL CARRIED TO SUMMARY _ WINDOWS AND DOORS				3,777,015.00
ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	ELEMENT NO 7				
	FINISHES				
	<i>Floor Finishes</i>				
	<u>Cement sand screed (1:4) finished as described</u>				
A	20mm thick cement and sand screed backing to receive ceramic and quarry floor tiles (ms)	939	SM	385	361,515.00
B	Ditto but 100x20mm skirting	141	LM	400	56,400.00
C	600 x 600 x 10mm thick non-slip ceramic tiles	659	SM	2,500	1,647,500.00
	<i>Wall Finishes</i>				
	<u>Cement sand plaster to walls surfaces (1:3) finished as described</u>				
D	15mm thick cement and sand plaster to walls to receive paint internally	1,832	SM	420	769,272.00
E	15mm thick c/c 1:3 rendering to external walls including sides of beam to receive paint	466	SM	420	195,720.00
	Total carried to collection				3,030,407.00
	<i>Painting</i>				
	<u>Prepare and apply three coats plastic silk emulsion paint to:</u>				
A	Plastered wall surfaces internally	1,832	SM	390	714,480.00

B	<u>Prepare and apply three coats permaplast external wall paint to:</u>				
	Rendered sides of beam and walls externally	466	SM	445	207,370.00
C	Ceiling				
	Washable PVC ceiling complete with support metal stud framing	865	SM	1,600	1,384,000.00
TOTAL CARRIED TO COLLECTION					2,305,850.00
COLLECTION PAGE					
A	TOTAL CARRIED TO COLLECTION				3,030,407.00
B	TOTAL CARRIED TO COLLECTION				2,305,850.00
TOTAL CARRIED TO SUMMARY _ FINISHING WORK					5,336,257.00
ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
SUMMARY PAGE					
1	TOTAL CARRIED TO SUMMARY _ SUBSTRUCTURE				3,494,716.00
2	TOTAL CARRIED TO SUMMARY _ UPPER FLOORS & FLAT ROOF				9,841,298.00
3	TOTAL CARRIED TO SUMMARY _ WINDOWS AND DOORS				3,777,015.00
4	TOTAL CARRIED TO SUMMARY _ FINISHING WORK				5,336,257.00
TOTAL CARRIED TO MAIN SUMMARY _ POST GRADUATE COMPLEX					22,449,286.00