

1 - SUBSTRUCTURE

Ref	Description	Quantity	Unit	Rate	Amount
	<u>EXISTING SITE/BUILDINGS/SERVICES</u>				
	<u>C20 DEMOLITION</u>				
	SITE GENERALLY				
	Individual structures				
A	Brick built structure to bottom of embankment in NE playground; including low wall to front	1	Item		
B	Brick built structure to bottom of embankment in SW playground	1	Item		
C	Concrete retaining wall to bottom of embankment between the 2 brick buildings	1	Item		
	<u>C30 SHORING FACADE RETENTION</u>				
	SUPPORT OF STRUCTURES NOT TO BE DEMOLISHED				
D	Maintain stability of existing ramp retaining wall throughout the works	1	Item		
	<u>C90 ALTERATIONS - SPOT ITEMS</u>				
	SITE GENERALLY				
	Cutting to form openings through				
E	External wall of existing hall; 7.50m wide x 3.80m high; steel box frame measured separately	1	Item		
Page : 1/1				To Part Summary	

1 - SUBSTRUCTURE

Ref	Description	Quantity	Unit	Rate	Amount
	<u>GROUNDWORK</u>				
	<u>D20 EXCAVATING AND FILLING</u>				
	SITE PREPARATION				
	Removing trees				
A	1.5 to 3m girth (assumed)	9	Nr		
	EXCAVATING				
	To reduce levels				
B	1.00 m maximum depth; for ground slab/pads	405	m3		
C	4.00 m maximum depth; existing embankment for rear paving/retaining wall	1,013	m3		
D	6.00 m maximum depth; existing embankment for building	1,812	m3		
	Trenches exceeding 300 wide				
E	2.00 m maximum depth; for foundations	23	m3		
F	6.00 m maximum depth; for foundations; stepped	128	m3		
	Working space allowance to excavations				
G	Reduce levels basements and the like; rear retaining walls	188	m2		
	EARTHWORK SUPPORT				
	To faces of excavation				
H	1.00 m maximum depth; ground slabs	91	m2		
J	6.00 m maximum depth; reduce levels	188	m2		
	DISPOSAL				
K	Surface water	1	Item		
	Excavated material				
L	Off site	2,825	m3		
Page : 1/2				To Part Summary	

1 - SUBSTRUCTURE

Ref	Description	Quantity	Unit	Rate	Amount
	<u>GROUNDWORK (Cont'd)</u>				
	<u>D20 EXCAVATING AND FILLING (Cont'd)</u>				
	SELECTED EXCAVATED MATERIAL				
	Filling to excavations				
A	Over 250 average thick; obtained from on site spoil heaps; compacted in layers; assumed backfilling behind 225 thick retaining walls to covered play areas	556	m3		
	SURFACE TREATMENTS				
B	Compacting; bottoms of excavations; ground slabs	623	m2		
C	Trimming; sloping surfaces; battered; filling	256	m2		
D	Trimming; sloping surfaces; battered; retaining wall to rear path	225	m2		
E	Trimming; sides of embankments; battered; suggested line of batter	334	m2		
Page : 1/3				To Part Summary	

1 - SUBSTRUCTURE

Ref	Description	Quantity	Unit	Rate	Amount
	<u>IN SITU CONCRETE / LARGE PRECAST CONCRETE</u>				
	<u>E10 MIXING/CASTING/CURING IN SITU CONCRETE</u>				
	PLAIN				
	Blinding				
A	Not exceeding 150 thick; 50 thick assumed under ground slabs	31	m3		
	REINFORCED; CALTITE CONCRETE; GRADE RC40; AS SPECIFICATION ON DRAWING 665068/SK01/P1				
	Foundations				
B	Generally; stepped	150	m3		
	Beds including column bases				
C	Over 450 thick	374	m3		
	Slabs				
D	150 to 450 thick	266	m3		
	Walls				
E	150 to 450 thick	171	m3		
	Columns				
F	Generally	21	m3		
	<u>E20 FORMWORK FOR IN SITU CONCRETE</u>				
	FORMWORK				
	Sides of foundations				
G	500 to 1m high; to steps (Approximate quantity)	18	m		
	Sides of ground beams and edges of beds				
H	500 to 1m high	139	m		
	Edges of suspended slabs				
J	Not exceeding 250 high	7	m		
	Soffits of slabs				
K	200 to 300 thick; 4.50 to 6.00mm high to soffit	582	m2		
Page : 1/4				To Part Summary	

1 - SUBSTRUCTURE

Ref	Description	Quantity	Unit	Rate	Amount
	<u>IN SITU CONCRETE / LARGE PRECAST CONCRETE (Cont'd)</u>				
	<u>E20 FORMWORK FOR IN SITU CONCRETE (Cont'd)</u>				
	Walls				
A	Vertical	1,013	m2		
B	Extra over for fair finish one side	125	m2		
	Beams attached to slabs				
C	3 sides; 1 horizontal, 2 sloping	311	m2		
D	3 sides; 1 vertical, 1 horizontal, 1 sloping	254	m2		
	Isolated columns				
E	Rectangular (27nr)	224	m2		
F	Extra over for fair finish	83	m2		
	Wall kickers				
G	Generally	118	m		
	Wall ends soffits and steps in walls				
H	Not exceeding 250 wide	5	m		
	Rectangular holes				
J	8.00 to 9.00m girth	1	Nr		
	<u>E30 REINFORCEMENT FOR IN SITU CONCRETE</u>				
	REINFORCEMENT				
	Bars				
K	In beams	14.92	t		
L	In column bases; H16	4.55	t		
M	In columns	6.15	t		
N	In ground slab	14.94	t		
P	In top slab	10.98	t		
Q	In walls	16.55	t		
Page : 1/5				To Part Summary	

1 - SUBSTRUCTURE

Ref	Description	Quantity	Unit	Rate	Amount
	<u>IN SITU CONCRETE / LARGE PRECAST CONCRETE</u> <u>(Cont'd)</u>				
	<u>E30 REINFORCEMENT FOR IN SITU CONCRETE</u> <u>(Cont'd)</u>				
	Fabric; A393				
A	Generally; in slabs	2,849	m2		
	Fabric; B785				
B	Generally; 900 wide in foundations	68	m		
	<u>E40 DESIGNED JOINTS IN SITU CONCRETE</u>				
	JOINTS				
	Caltite everdure joint strip				
C	In kicker joints in walls; 225 wide	67	m		
D	In kicker joints in walls; 450 wide	51	m		
E	Allowance around service penetrations through walls or slabs	1	Item		
	<u>E41 WORKED FINISHES/CUTTING TO IN SITU CONCRETE</u>				
	FLOATED FINISH				
F	Generally; to slabs	1,424	m2		
Page : 1/6				To Part Summary	

1 - SUBSTRUCTURE

Ref	Description	Quantity	Unit	Rate	Amount
	<u>STRUCTURAL / CARCASSING METAL / TIMBER</u>				
	<u>G10 STRUCTURAL STEEL FRAMING</u>				
	FRAMING, FABRICATION				
	Box frame to formed opening in existing external wall				
A	Weight 40 - 100 kg/m	2.19	t		
	Fittings				
B	Allowance of 10%	0.22	t		
	FRAMING, ERECTION				
C	Permanent erection on site	2.41	t		
	SURFACE TREATMENTS				
	Protective painting; primer				
D	At works	41	m2		
Page : 1/7				To Part Summary	

1 - SUBSTRUCTURE

	Description		Amount
	1 - SUBSTRUCTURE Page : 1/1 Page : 1/2 Page : 1/3 Page : 1/4 Page : 1/5 Page : 1/6 Page : 1/7		
Page : 1/8		To Grand Summary	