

Project: Health Infrastructure
Building: Sutherland Hospital

Details: CIV Cost Plan C1

Cod e	Description	Quantity	Total	\$/m2
GFA				
	REFURBISHMENT	910		
	Stage 1 NEW BUILD	5,760		
	Stage 2 NEW BUILD	500		
	TOTAL GFA	7,170		
	NEW BUILD GFA	6,260		
REFURBISHMENT				
NW	INTERNAL WALLS & SCREENS		175,210	193
ND	INTERNAL DOORS		76,250	84
WF	WALL FINISHES		39,760	44
FF	FLOOR FINISHES		87,010	96
CF	CEILING FINISHES		71,190	78
FT	FITMENTS & JOINERY		147,910	163
FFE	GROUP 1 & 2 FF&E		137,710	151
SF	HYDRAULIC SERVICES		124,344	137
MS	MECHANICAL SERVICES		466,642	513
MG	MEDICAL GASES & PNEUMATIC TUBE		84,850	93
ES	ELECTRICAL SERVICES		350,154	385
IT	ICT SERVICES		58,620	64
FP	FIRE PROTECTIONS		90,000	99
SUB TOTAL REFURBISHMENT			1,909,650	2,099
NEW BUILD				
SB	SUBSTRUCTURE		999,256	160
CL	COLUMNS		359,906	57
UF	UPPER FLOORS		1,617,789	258
SC	STAIRCASES		156,100	25
RF	ROOF		1,662,299	266
EW	EXTERNAL WALLS & WINDOWS		2,328,380	372
ED	EXTERNAL DOORS		78,800	13
NW	INTERNAL WALLS & SCREENS		1,877,070	300
ND	INTERNAL DOORS		409,000	65
WF	WALL FINISHES		396,820	63
FF	FLOOR FINISHES		638,290	102
CF	CEILING FINISHES		709,110	113
FT	FITMENTS & JOINERY		1,001,900	160
FFE	GROUP 1 & 2 FF&E		954,017	152

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Cod e	Description	Quantity	Total	\$/m2
HS	HYDRAULIC SERVICES		1,227,086	196
MS	MECHANICAL SERVICES		3,347,252	535
MG	MEDICAL GASES & PNEUMATIC TUBE		515,800	82
ES	ELECTRICAL SERVICES		2,494,779	399
IT	ICT SERVICES		357,370	57
FP	FIRE PROTECTIONS		790,100	126
TS	VERTICAL TRANSPORTATION		504,000	81
SUB TOTAL NEW BUILD			22,425,124	3,582
BUILDING COST (Excl Car Park)			24,334,774	3,394
SITE SPECIFICS				
D1	ALLOWANCE FOR CONTAMINATION		200,000	28
D2	LANDSCAPING & COURTYARDS		154,500	22
D3	CIVIL WORKS		196,000	27
D4	ROADWORKS		621,825	87
D5	EXTERNAL ELECTRICAL / ICT		824,650	115
D6	EXTERNAL STORMWATER		264,500	37
D7	EXTERNAL SEWER		55,000	8
D8	EXTERNAL FIRE		15,000	2
PROJECT SPECIFICS				
E1	DECANTING (not required in current strategy)		0	0
E2	LINEN & MEDICAL RECORDS RELOCATION		209,700	29
E3	DEMOLITION FOR REFURB & ED EXPANSION		296,750	41
E4	DEMOLITION OF BRICK RISER		308,050	43
E5	TEMPORARY FACADE TO ABOVE		297,081	41
E6	EXISTING FACADE DEMOLITION L2 & L3		318,000	44
E7	LEVEL 1 LIFT EXCAVATION & SLAB		69,700	10
E8	LEVEL 1 PLANT ROOMS & SERVICES TUNNEL		236,280	33
E9	MECHANICAL PLANT ALTERATIONS		299,750	42
E10	ESD / GREENSTAR		Incl	0
NET CONSTRUCTION COST (Excl Car Park)			28,701,560	4,003
ALLOWANCES, OVERHEADS & MARGINS				
F1	MAIN CONTRACTORS PRELIMINARIES	20	5,698,915	795
F2	MAIN CONTRACTORS OVERHEADS & PROFIT (5% of NCC) - Excluding Car Park		1,435,076	200

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GROSS CONSTRUCTION COST (Excl Car Park)			35,835,551	4,998
FEES				
G1	CONSULTANTS FEES (Based on 26 month programme)	21	7,511,897	1,048
G2	CONSULTANTS FEES (Early Works)		210,000	29
G3	AUTHORITY FEES & CHARGES @ 0.7% of GCC + Car Park		262,271	37
G4	LHD FEE @ 1.5% of GCC + Car Park		562,008	78
COMMISSIONING				
J1	COMMISSIONING & START-UP COSTS @ 2% of GCC		716,711	100
TOTAL PROJECT COST (BASE COST)			45,098,438	6,290
SPECIAL PROVISIONS				
K1	ESCALATION		3,380,000	471
CONTINGENCIES (Incl Car Park)				
L1	PLANNING CONTINGENCY @ 5% of GCC + Car Park		1,873,361	261
L2	DESIGN CONTINGENCY @ 5% of GCC + Car Park		1,873,361	261
L3	CONSTRUCTION CONTINGENCY @ 5% of GCC + Car Park		1,873,361	261
L4	EXECUTIVE CONTINGENCY		74,860	10
L5	CAR PARK CONTINGENCY		Incl Above	Incl Above
NET END TOTAL COST (NETC)			54,173,381	7,556
M	HI MANAGEMENT FEE@ 2% of NETC		1,234,510	172
N	CAR PARK HI MANAGEMENT FEE (Included above)		Incl Above	Incl Above
END TOTAL COST (ETC)			55,407,891	7,728

Note: All costs exclude GST

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Auto code	Description	Quantity	Unit	Rate	Total
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INTERNAL WALLS & SCREENS

Internal Walls & Screens

Plasterboard Walls

1	Stud partitions, lined to both sides	628	m2	160.00	100,480
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Fire Walls

2	Fire wall construction	159	m2	290.00	46,110
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Glazed Walls

3	Extra over partitons	159	m2	180.00	28,620
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Total Internal Walls & Screens **175,210**

Department Costs Pro Rata

Substructure

4	Emergency Department	340	m2	192.54	65,463
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Substructure

5	Theatre Storage	128	m2	192.54	24,645
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Substructure

6	Storage & other areas	47	m2	192.54	9,049
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Substructure

7	Travel	368	m2	192.54	70,854
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Substructure

8	Engineering	27	m2	192.54	5,199
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GFA **910 m2**

Adjustment **-175,210**

INTERNAL DOORS

Internal Doors

Internal Doors

1	Single solid core doors and frames including hardware	12	No	1,400.00	16,800
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2	Leaf and a half solid core doors and frames including hardware	2	No	1,600.00	3,200
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3	Double solid core doors and frames including hardware	5	No	2,200.00	11,000
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4	Leaf and a half solid core doors and frames including hardware	2	No	3,250.00	6,500
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5	Double solid core fire doors and frames including hardware	3	No	3,750.00	11,250
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6	Doors to imaging	5	No	5,500.00	27,500
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Total Internal Doors **76,250**

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Auto code	Description	Quantity	Unit	Rate	Total
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INTERNAL DOORS

(Continued)

Department Costs Pro Rata

Substructure

7	Emergency Department	340	m2	83.79	28,489
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Substructure

8	Theatre Storage	128	m2	83.79	10,725
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Substructure

9	Storage & other areas	47	m2	83.79	3,938
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Substructure

10	Travel	368	m2	83.79	30,835
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Substructure

11	Engineering	27	m2	83.79	2,262
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GFA 910 m2

Adjustment

-76,250

WALL FINISHES

Wall Finishes

Painting to:

1	Stud partitions, lined to both sides	995	m2	20.00	19,900
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2	Fire wall construction	201	m2	20.00	4,020
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Vinyl to:

3	Wall protection to 1800mm high	132	m2	120.00	15,840
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Total Wall Finishes

39,760

Department Costs Pro Rata

Substructure

4	Emergency Department	340	m2	43.69	14,855
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Substructure

5	Theatre Storage	128	m2	43.69	5,593
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Substructure

6	Storage & other areas	47	m2	43.69	2,054
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Substructure

7	Travel	368	m2	43.69	16,079
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Substructure

8	Engineering	27	m2	43.69	1,180
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WALL FINISHES

(Continued)

GFA 910 m2

Adjustment

-39,760

FLOOR FINISHES

Emergency Department

Resilient Finishes

1	Vinyl finish	324	m2	90.00	29,160
2	Vinyl coved skirting to vinyl areas	278	m	20.00	5,560

Theatre Storage Refurbishment (Level 3)

Resilient Finishes

3	Vinyl finish	125	m2	90.00	11,250
4	Vinyl coved skirting to vinyl areas	93	m	20.00	1,860

Travel

Resilient Finishes

5	Vinyl finish	368	m2	90.00	33,120
6	Vinyl coved skirting to vinyl areas	303	m	20.00	6,060

Total Floor Finishes

87,010

CEILING FINISHES

Ceiling Finishes

Plasterboard Ceilings

1	Flush set plasterboard ceilings with paint finish	195	m2	110.00	21,450
2	Flush set plasterboard ceilings with paint finish and timber inserts	47	m2	180.00	8,460

Drop In Ceilings

3	Drop in ceiling tiles and grid	680	m2	60.00	40,800
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Paint Finish

4	Allowance for painting soffits to plant areas	24	m2	20.00	480
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Total Ceiling Finishes

71,190

Department Costs Pro Rata

Substructure

5	Emergency Department	340	m2	78.23	26,598
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Substructure

6	Theatre Storage	128	m2	78.23	10,014
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Substructure

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Auto code	Description	Quantity	Unit	Rate	Total
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CEILING FINISHES

(Continued)

7	Storage & other areas	47	m2	78.23	3,677
	<u>Substructure</u>				
8	Travel	368	m2	78.23	28,789
	<u>Substructure</u>				
9	Engineering	27	m2	78.23	2,112
	GFA	910	m2		
	Adjustment				-71,190

FITMENTS & JOINERY

Fitments & Joinery (Based on measured New Build)

1	Emergency Department - Refurb (EDR)	340	m2	220.00	74,800
2	Other Areas - Refurb (OTR)	47	m2	210.00	9,870
3	Stores - Refurb (STOR)	128	m2	210.00	26,880
4	Engineering - Refurb (ENGR)	27	m2	120.00	3,240
5	Travel - Refurb (TRAR)	368	m2	90.00	33,120
	Total Fitments & Joinery				147,910

GROUP 1 & 2 FF&E

FF&E Group 1 & 2 (Based on measured New Build)

1	Emergency Department - Refurb (EDR)	340	m2	190.00	64,600
2	Other Areas - Refurb (OTR)	47	m2	150.00	7,050
3	Stores - Refurb (STOR)	128	m2	150.00	19,200
4	Engineering - Refurb (ENGR)	27	m2	100.00	2,700
5	Travel - Refurb (TRAR)	368	m2	120.00	44,160
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	Total FF&E Group 1 & 2				137,710

HYDRAULIC SERVICES

Sanitary Plumbing

1	80mm pipewrk	21	m	160.00	3,360
2	100mm pipework	22	m	200.00	4,400
3	Floor wastes	20	No	300.00	6,000
4	Tundish	8	No	150.00	1,200

Sanitary Fixtures & Tapware incl hydrauraulic services

5	WC	6	No	2,100.00	11,550
6	Basin	8	No	2,300.00	18,630
7	Sink	1	No	2,350.00	2,820

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HYDRAULIC SERVICES

(Continued)

8	Boiling/Chilled Water Unit	1	No	4,400.00	4,400
9	BWIC	1	Item	5,000.00	5,000

Sewer Drainage

Pipework

10	100mm Pipework	18	m	95.00	1,663
11	150mm Pipework	35	m	135.00	4,712
12	225mm Pipework	5	m	250.00	1,250

Cold Water Services

13	20mm pipework	45	m	30.00	1,350
14	25mm pipework	30	m	35.00	1,050
15	50mm pipework	10	m	70.00	700
16	80mm pipework	50	m	110.00	5,500
17	100mm pipework	20	m	130.00	2,600
18	20mm stop valve	10	No	70.00	700
19	25mm stop valve	2	No	110.00	220
20	50mm stop valve	8	No	200.00	1,600
21	100mm stop valve	1	No	325.00	390
22	Pumpset	1	Item	10,000.00	10,000
23	32mm RPZD	1	No	1,800.00	1,800

Hot Water Services

24	15mm pipework	45	m	50.00	2,250
25	20mm pipework	15	m	60.00	900
26	40mm pipework	10	m	80.00	800
27	65mm pipework	50	m	110.00	5,500
28	80mm pipework	10	m	130.00	1,300
29	20mm stop valve	3	No	80.00	200
30	50mm stop valve	5	No	200.00	1,000
31	80mm stop valve	1	No	300.00	300
32	Gas heaters	1	No	7,000.00	4,200
33	Circulating pumps	1	No	2,500.00	3,000
34	Thermo mixing valves	7	No	2,000.00	14,000

124,344

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Auto code	Description	Quantity	Unit	Rate	Total
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HYDRAULIC SERVICES

(Continued)

Department Costs Pro Rata

Substructure

35	Emergency Department	340	m2	136.64	46,458
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Substructure

36	Theatre Storage	128	m2	136.64	17,490
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Substructure

37	Storage & other areas	47	m2	136.64	6,422
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Substructure

38	Travel	368	m2	136.64	50,284
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Substructure

39	Engineering	27	m2	136.64	3,689
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GFA 910 m2

Adjustment

-124,344

MECHANICAL SERVICES

Ductwork

1	700 x 400 ductwork level 2 refurb	53	m2	65.00	3,445
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2	800 x 400 ductwork level 2 refurb	75	m2	65.00	4,875
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3	1200 x 400 ductwork level 2 refurb	112	m2	65.00	7,280
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4	1200 x 400 FR ductwork level 2 refurb	32	m2	65.00	2,080
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5	Flexible Ductwork	50	m	60.00	3,000
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Insulation & Linings

6	Ductwork Insulation	272	m2	60.00	16,320
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7	Ductwork Acoustic Lining	54	m2	80.00	4,352
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Grilles & Diffusers

8	Grilles and Diffusers	32	No	400.00	12,800
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9	VAV Boxes	5	No	800.00	4,000
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Pipework

10	Chilled Water Pipework	48	m	140.00	6,720
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11	Chilled Water Valves	7	No	330.00	2,310
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12	Chilled Water Control Valves	2	No	1,500.00	3,000
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13	Chilled Water Pipework Insulation	48	m	95.00	4,560
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14	Heating Water Pipework	37	m	100.00	3,700
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15	Heating Water Valves	6	No	330.00	1,980
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MECHANICAL SERVICES

(Continued)

16	Heating Water Control Valves	2	No	1,500.00	3,000
17	Heating Water Pipework Insulation	37	m	45.00	1,665
18	Condenser Water Pipework	17	m	135.00	2,295
19	Condenser Water Valves	2	No	380.00	760
20	Condenser Water Control Valves	1	No	1,500.00	1,500

Plant

21	AHUs	6	No	15,000.00	90,000
22	Chillers	2	No	40,000.00	80,000
23	FCUs	8	No	6,000.00	48,000
24	Chilled/Hot Water pump plant	8	No	10,500.00	84,000
25	Controls	1	Item	75,000.00	75,000

466,642

Department Costs Pro Rata

Substructure

26	Emergency Department	340	m2	512.79	174,350
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Substructure

27	Theatre Storage	128	m2	512.79	65,638
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Substructure

28	Storage & other areas	47	m2	512.79	24,101
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Substructure

29	Travel	368	m2	512.79	188,708
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Substructure

30	Engineering	27	m2	512.79	13,845
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GFA 910 m2

Adjustment

-466,642

MEDICAL GASES & PNEUMATIC TUBE

Medical Gases & Pneumatic Tube

1	Medical gas and pneumatic tube	910	m2	85.00	77,350
2	BWIC	1	Item	7,500.00	7,500

84,850

Department Costs Pro Rata

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MEDICAL GASES & PNEUMATIC TUBE

(Continued)

<u>Substructure</u>					
3	Emergency Department	340	m2	93.24	31,702
<u>Substructure</u>					
4	Theatre Storage	128	m2	93.24	11,935
<u>Substructure</u>					
5	Storage & other areas	47	m2	93.24	4,382
<u>Substructure</u>					
6	Travel	368	m2	93.24	34,313
<u>Substructure</u>					
7	Engineering	27	m2	93.24	2,518
GFA		910	m2		
Adjustment					-84,850

ELECTRICAL SERVICES

<u>Electrical Services</u>					
1	Submains Cabling (Based on Essential/Non Essential Split network)	910	m2	55.00	50,050
2	Standby Mains	3	No	1,500.00	4,500
3	Consumer Mains	3	No	2,950.00	8,850
4	Cable Containment	120	m	200.00	24,000
5	Power rough in	910	m2	35.00	31,850
6	GPO: Cleaner	15	No	120.00	1,800
7	GPO: Double	78	No	150.00	11,700
8	GPO: Emergency power, double	8	No	150.00	1,200
9	GPO: Emergency power, single	42	No	120.00	5,040
10	GPO: Single	53	No	120.00	6,360
11	GPO: Special: 3 phase	1	No	180.00	180
12	GPO: Special: for equipment	35	No	180.00	6,300
13	Lighting rough in	910	m2	90.00	81,900
14	General fluorescent	44	No	300.00	13,200
15	General: colour corrected	21	No	400.00	8,400
16	Downlights: dimmable	2	No	250.00	500
17	Special: downlights	4	No	350.00	1,400
18	Special: night lights	10	No	350.00	3,500
19	Special: task light, built in	5	No	300.00	1,500
20	Emergency Lighting	910	m2	25.00	22,750
21	Lighting Controls	910	m2	25.00	22,750
22	Floor services box: flush mount	1	No	750.00	750

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ELECTRICAL SERVICES

(Continued)

23	Door Hold Open Devices	4	No	3,000.00	12,000
24	Earthing	1	Item	5,000.00	5,000
25	Lightning protection	1	Item	8,000.00	8,000
26	BWIC	1	Item	16,674.00	16,674

Total Electrical Services

350,154

Department Costs Pro Rata

Substructure

27	Emergency Department	340	m2	384.78	130,827
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Substructure

28	Theatre Storage	128	m2	384.78	49,252
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Substructure

29	Storage & other areas	47	m2	384.78	18,085
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Substructure

30	Travel	368	m2	384.78	141,601
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Substructure

31	Engineering	27	m2	384.78	10,389
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GFA

910 m2

Adjustment

-350,154

ICT SERVICES

ICT Systems

1	Voice / Data outlet: double	53	No	440.00	23,320
2	Voice / Data outlet: single	4	No	350.00	1,400
3	Intercom	1	No	400.00	400
4	Patient/ Staff call	43	No	250.00	10,750
5	Duress alarm	4	No	250.00	1,000
6	Staff/ Nurse assist call	35	No	250.00	8,750
7	Emergency call	32	No	250.00	8,000
8	BWIC	1	Item	5,000.00	5,000

Total ICT Services

58,620

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ICT SERVICES

(Continued)

Department Costs Pro Rata

Substructure

9	Emergency Department	340	m2	64.42	21,902
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Substructure

10	Theatre Storage	128	m2	64.42	8,245
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Substructure

11	Storage & other areas	47	m2	64.42	3,028
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Substructure

12	Travel	368	m2	64.42	23,706
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Substructure

13	Engineering	27	m2	64.42	1,739
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GFA 910 m2

Adjustment

-58,620

FIRE PROTECTIONS

Fire Protections

1	Dry fire including EWIS to refurbished areas	1	Item	75,000.00	75,000
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2	BWIC	1	Item	15,000.00	15,000
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Total Fire Protections

90,000

Department Costs Pro Rata

Substructure

3	Emergency Department	340	m2	98.90	33,626
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Substructure

4	Theatre Storage	128	m2	98.90	12,659
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Substructure

5	Storage & other areas	47	m2	98.90	4,648
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Substructure

6	Travel	368	m2	98.90	36,396
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Substructure

7	Engineering	27	m2	98.90	2,670
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GFA 910 m2

Adjustment

-90,000

Project: Health Infrastructure
Building: Sutherland Hospital

Details: CIV Cost Plan C1

Auto code	Description	Quantity	Unit	Rate	Total
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SUBSTRUCTURE

(Continued)

Piling

Establishment

1	Establishment of rig	1	item	20,000.00	20,000
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Piling: precast reinforced concrete piles

2	900 diameter piles, 6.5m long, 90 kg/m3 reo (98No)	637	m	405.00	257,983
3	600 diameter piles, 6.5m long, 90 kg/m3 reo (8No)	52	m	425.00	22,100

Sundries

4	Socketing piles into rock		item		Incl
5	Trimming pile heads	106	No	185.00	19,610

Disposal

6	Disposal of excavated material off site	188	m3	35.00	6,580
7	EPA Levy for disposal, allowance for 20% general solid waste	320	t	80.00	25,568

Pile Caps

8	(Edge Footings) 1200 x 1200 x 1200 pile caps including concrete, formwork and reinforcement (50kg/m3)	44	No	1,060.00	46,640
9	(Internal Footings) 3450 x 1200 x 1200 pile caps including concrete, formwork and reinforcement (50kg/m3)	27	No	2,690.00	72,630
10	Excavation and disposal off site; pile caps; clean material	210	m3	85.00	17,850
11	EPA Levy for disposal, allowance for 20% general solid waste	357	t	105.00	37,485

Ground Slabs

12	120 thick reinforced concrete ground slab - SL92 mesh	2,840	m2	90.00	255,600
13	Excavation and disposal off site; ground slabs; clean material	341	m3	85.00	28,968
14	EPA Levy for disposal, allowance for 20% general solid waste	579	t	80.00	46,349

Edge Beams

15	Edge beams - 300 x 300 deep (180mm deep from bottom of slab)	443	m	160.00	70,881
16	Excavation and disposal off site; footing beams; clean material	24	m3	85.00	2,033
17	EPA Levy for disposal, allowance for 20% general solid waste	41	t	105.00	4,270

Retaining Wall

18	450 wide x 600 deep strip footing including concrete, formwork and reinforcement (50kg/m3)	50	m	240.00	12,000
19	190 wide RC block walls to retaining wall	75	m2	300.00	22,500

Lift Pits

20	450 thick ground slabs to lift pits	30	m2	400.00	12,000
21	250 thick RC walls to lift pits	23	m2	450.00	10,350
22	Membrane to walls and slabs	53	m2	80.00	4,240
23	Excavation and disposal off site; lift pits; clean material	14.00	m3	80.00	1,120
24	EPA Levy for disposal, allowance for 20% general solid waste	24	t	105.00	2,499

Total Substructure

999,256

Project: Health Infrastructure	Details: CIV Cost Plan C1
Building: Sutherland Hospital	

Auto code	Description	Quantity	Unit	Rate	Total
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SUBSTRUCTURE

(Continued)

-					
	<u>Department Costs Pro Rata</u>				
	<u>Substructure</u>				
25	Emergency Department	2,204	m2	159.63	351,815
	<u>Substructure</u>				
26	Medical (IPU)	1,843	m2	159.63	294,190
	<u>Substructure</u>				
27	HDU	428	m2	159.63	68,320
	<u>Substructure</u>				
28	Storage & other areas	161	m2	159.63	25,700
	<u>Substructure</u>				
29	Travel	866	m2	159.63	138,236
	<u>Substructure</u>				
30	Engineering	758	m2	159.63	120,996
	GFA	6,260	m2		
	Adjustment				-999,256

COLUMNS

	<u>Concrete</u>				
1	500 x 500 reinforced concrete columns including concrete, formwork and reinforcement (150kg/m3)	837	m	430.00	359,906
	Total Columns				359,906

	<u>Rates</u>				
2	Concrete	320	/m3		
3	Reo	2,450	/t		
4	Formwork	110	/m2		

	<u>Department Costs Pro Rata</u>				
	<u>Substructure</u>				
5	Emergency Department	2,204	m2	57.49	126,714
	<u>Substructure</u>				
6	Medical (IPU)	1,843	m2	57.49	105,959
	<u>Substructure</u>				

Project: Health Infrastructure	Details: CIV Cost Plan C1
Building: Sutherland Hospital	

Auto code	Description	Quantity	Unit	Rate	Total
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COLUMNS

(Continued)

7	HDU	428	m2	57.49	24,607
	<u>Substructure</u>				
8	Storage & other areas	161	m2	57.49	9,256
	<u>Substructure</u>				
9	Travel	866	m2	57.49	49,789
	<u>Substructure</u>				
10	Engineering	758	m2	57.49	43,580
	GFA	6,260	m2		
	Adjustment				-359,906

UPPER FLOORS

Suspended PT Slabs

1	220mm thick PT suspended slab including concrete, formwork and reinforcement (7kg/m2 PT)	734	m2	280.00	205,516
2	240mm thick PT suspended slab including concrete, formwork and reinforcement (5kg/m2 PT)	2,215	m2	265.00	586,975
3	250mm thick PT suspended slab including concrete, formwork and reinforcement (7kg/m2 PT)	201	m2	295.00	59,294
4	260mm thick PT suspended slab including concrete, formwork and reinforcement (5kg/m2 PT)	1,120	m2	275.00	308,000
5	Extra over for 40mm topping	3,335	m2	30.00	100,050

Suspended Slabs

6	250mm thick suspended slab including concrete, formwork and reinforcement	194	m2	270.00	52,379
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Slab Bands

7	Slab bands - 1200 wide x 420 deep (200mm deep from bottom of slab)	33	m	300.00	9,900
8	Slab bands - 2400 wide x 420 deep (200mm deep from bottom of slab)	85	m	570.00	48,450
9	Slab bands - 1200 wide x 480 deep (230mm deep from bottom of slab)	17	m	330.00	5,610
10	Slab bands - 2400 wide x 480 deep (260mm deep from bottom of slab)	83	m	675.00	56,025

Drop Panels

11	2400 x 2400 x 420mm deep drop panels	28	no	1,510.00	42,280
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Edge Beams

12	Edge beams - 500 wide x 600 deep (340mm deep from bottom of slab)	138	m	220.00	30,359
13	Edge beams - 500 wide x 600 deep (380mm deep from bottom of slab)	59	m	240.00	14,160
14	Edge beams - 500 wide x 600 deep (350mm deep from bottom of slab)	78	m	225.00	17,550
15	Edge beams - 500 wide x 600 deep (380mm deep from bottom of slab)	26	m	240.00	6,240

Penetrations

16	Form 300 x 300 floor penetration next to concrete columns	1	Item	25,000.00	25,000
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Sundries

Project: Health Infrastructure	Details: CIV Cost Plan C1
Building: Sutherland Hospital	

Auto code	Description	Quantity	Unit	Rate	Total
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UPPER FLOORS

(Continued)

17	Concrete plinths to plant areas; allowance	1	item	50,000.00	50,000
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Total Upper Floors

1,617,789

Rates

18	Concrete	295	/m3		
19	Reo	2,250	/t		
20	PT	9,000	/t		
21	Formwork	110	/m2		

Department Costs Pro Rata

Substructure

22	Emergency Department	2,204	m2	258.43	569,586
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Substructure

23	Medical (IPU)	1,843	m2	258.43	476,292
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Substructure

24	HDU	428	m2	258.43	110,609
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Substructure

25	Storage & other areas	161	m2	258.43	41,608
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Substructure

26	Travel	866	m2	258.43	223,803
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Substructure

27	Engineering	758	m2	258.43	195,892
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GFA

6,260 m2

Adjustment

-1,617,789

STAIRCASES

Staircases

1	Fire Stairs - 1400 wide concrete fire stair with mild steel handrail and balustrades (L1 to L4)	18	mr	3,950.00	71,100
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Balustrades

2	Allowance for balustrades	1	Item	75,000.00	75,000
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Access Ladders

3	Allowance for access ladders	1	Item	10,000.00	10,000
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Total Staircases

156,100

Project: Health Infrastructure	Details: CIV Cost Plan C1
Building: Sutherland Hospital	

Auto code	Description	Quantity	Unit	Rate	Total
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STAIRCASES

(Continued)

Department Costs Pro Rata

Substructure

4	Emergency Department	2,204	m2	24.94	54,959
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Substructure

5	Medical (IPU)	1,843	m2	24.94	45,957
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Substructure

6	HDU	428	m2	24.94	10,673
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Substructure

7	Storage & other areas	161	m2	24.94	4,015
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Substructure

8	Travel	866	m2	24.94	21,595
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Substructure

9	Engineering	758	m2	24.94	18,902
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GFA 6,260 m2

Adjustment

-156,100

ROOF

Concrete Roof Slabs

1	220mm thick PT suspended slab including concrete, formwork and reinforcement (7kg/m2 PT)	1,558	m2	280.00	436,232
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2	250mm thick PT suspended slab including concrete, formwork and reinforcement (7kg/m2 PT)	1,092	m2	295.00	322,137
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3	260mm thick PT suspended slab including concrete, formwork and reinforcement (5kg/m2 PT)	399	m2	275.00	109,725
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Slab Bands

4	Slab bands - 2400 wide x 480 deep (260mm deep from bottom of slab)	203	m	690.00	140,070
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5	Slab bands - 2400 wide x 480 deep (230mm deep from bottom of slab)	10	m	655.00	6,550
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Edge Beams

6	Edge beams - 500 wide x 600 deep (380mm deep from bottom of slab)	172	m	290.00	49,880
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7	Edge beams - 500 wide x 600 deep (350mm deep from bottom of slab)	213	m	275.00	58,574
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Sundries

8	Gutters	200	m2	200.00	40,000
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9	Downpipes	180	m	180.00	32,400
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10	Allowance for roof safety system	219	m	120.00	26,280
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11	Waterproof membrane to roof	2,650	m2	120.00	318,000
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12	External upstand	60	m2	350.00	21,000
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Sub Total Concrete Roofs

1,560,849

Project: Health Infrastructure	Details: CIV Cost Plan C1
Building: Sutherland Hospital	

Auto code	Description	Quantity	Unit	Rate	Total
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ROOF (Continued)

Walkways

13	Metal deck walkways on concrete slabs to links	217	m2	350.00	75,950
14	Balustrades to walkways	51	m	500.00	25,500

Sub Total Walkways 101,450

Total Roof 1,662,299

Department Costs Pro Rata

Substructure

15	Emergency Department	2,204	m2	265.54	585,257
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Substructure

16	Medical (IPU)	1,843	m2	265.54	489,396
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Substructure

17	HDU	428	m2	265.54	113,652
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Substructure

18	Storage & other areas	161	m2	265.54	42,752
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Substructure

19	Travel	866	m2	265.54	229,960
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Substructure

20	Engineering	758	m2	265.54	201,282
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GFA 6,260 m2

Adjustment -1,662,299

EXTERNAL WALLS & WINDOWS

External Walls & Windows

1	External Walls Area Check	3,474	m2	850.00	0
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Balustrades

2	Glass balustrades to balconies	30	m2	900.00	27,000
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Concrete Cores

3	Concrete core walls	516	m2	350.00	180,600
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Brickwork

4	Dark brickwork walls	638	m2	300.00	191,400
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Aluminium Framed Windows

5	Anodised aluminium framed windows, low-e double glazed	753	m2	850.00	640,050
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6	Omit glazing for 450mm high sill height	-43	m2	850.00	-36,550
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Project: Health Infrastructure	Details: CIV Cost Plan C1
Building: Sutherland Hospital	

Auto code	Description	Quantity	Unit	Rate	Total
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EXTERNAL WALLS & WINDOWS

(Continued)

Stainless Steel Mesh Screens

7	Stainless steel mesh screen	84	m2	580.00	48,720
8	Secondary steel framing	84	m2	120.00	10,080

Alucobond Cladding

9	Alucobond cladding panel white/charcoal finish	978	m2	480.00	469,440
10	Alucobond cladding 450mm high sill height	44	m2	480.00	21,120
11	Secondary steel framing	978	m2	120.00	117,360
12	Secondary steel framing 450mm high sill height	44	m2	120.00	5,280

Window Reveals

13	Cladding to window reveals	589	m	200.00	117,800
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Louvres

14	Aluminium louvres	559	m2	800.00	447,200
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Internal Linings

15	Line inside face of external walls	1,616	m2	55.00	88,880
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Total External Walls & Windows

2,328,380

Cost/m2

670 \$/m2

Department Costs Pro Rata

Substructure

16	Emergency Department	2,204	m2	371.95	819,768
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Substructure

17	Medical (IPU)	1,843	m2	371.95	685,496
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Substructure

18	HDU	428	m2	371.95	159,193
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Substructure

19	Storage & other areas	161	m2	371.95	59,883
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Substructure

20	Travel	866	m2	371.95	322,105
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Substructure

21	Engineering	758	m2	371.95	281,935
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GFA

6,260 m2

Adjustment

-2,328,380

EXTERNAL DOORS

Main Entry

Project: Health Infrastructure	Details: CIV Cost Plan C1
Building: Sutherland Hospital	

Auto code	Description	Quantity	Unit	Rate	Total
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EXTERNAL DOORS

(Continued)

1	Allowance for main entry doors	1	Item	25,000.00	25,000
	Fire Doors				
2	Single solid core fire doors and frames including hardware	18	No	2,550.00	45,900
3	Double solid core fire doors and frames including hardware	2	No	3,950.00	7,900
Total External Doors					78,800

Department Costs Pro Rata

Substructure

4	Emergency Department	2,204	m2	12.59	27,744
	Substructure				
5	Medical (IPU)	1,843	m2	12.59	23,199
	Substructure				
6	HDU	428	m2	12.59	5,388
	Substructure				
7	Storage & other areas	161	m2	12.59	2,027
	Substructure				
8	Travel	866	m2	12.59	10,901
	Substructure				
9	Engineering	758	m2	12.59	9,542
	GFA	6,260	m2		
Adjustment					-78,800

INTERNAL WALLS & SCREENS

Internal Walls & Screens

Concrete Walls

1	Concrete walls	549	m2	380.00	208,620
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Timber Screens

2	Timber feature walls	53	m2	320.00	16,960
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Plasterboard Walls

3	Stud partitions, lined to both sides	6,587	m2	160.00	1,053,920
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Fire Walls

4	Fire wall construction	1,497	m2	290.00	434,130
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Glazed Walls

5	Extra over partitons	908	m2	180.00	163,440
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Project: Health Infrastructure	Details: CIV Cost Plan C1
Building: Sutherland Hospital	

Auto code	Description	Quantity	Unit	Rate	Total
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INTERNAL WALLS & SCREENS

(Continued)

Total Internal Walls & Screens

1,877,070

Department Costs Pro Rata

Substructure

6	Emergency Department	2,204	m2	299.85	660,873
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Substructure

7	Medical (IPU)	1,843	m2	299.85	552,626
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Substructure

8	HDU	428	m2	299.85	128,336
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Substructure

9	Storage & other areas	161	m2	299.85	48,276
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Substructure

10	Travel	866	m2	299.85	259,671
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Substructure

11	Engineering	758	m2	299.85	227,287
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GFA

6,260 m2

Adjustment

-1,877,070

INTERNAL DOORS

Emergency Department

1	Single solid core doors and frames including hardware	69	No	1,400.00	96,600
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2	Leaf and a half solid core doors and frames including hardware	16	No	1,600.00	25,600
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3	Double solid core doors and frames including hardware	21	No	2,200.00	46,200
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Inpatient Care Unit

4	Single solid core doors and frames including hardware	78	No	1,400.00	109,200
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5	Leaf and a half solid core doors and frames including hardware	30	No	1,600.00	48,000
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6	Double solid core doors and frames including hardware	30	No	2,200.00	66,000
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High Dependency Unit

7	Single solid core doors and frames including hardware	7	No	1,400.00	9,800
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8	Leaf and a half solid core doors and frames including hardware	2	No	1,600.00	3,200
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9	Double solid core doors and frames including hardware	2	No	2,200.00	4,400
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Total Internal Doors

409,000

WALL FINISHES

Wall Finishes

Painting to:

Project: Health Infrastructure	Details: CIV Cost Plan C1
Building: Sutherland Hospital	

Auto code	Description	Quantity	Unit	Rate	Total
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WALL FINISHES

(Continued)

1	Stud partitions, lined to both sides	7,008	m2	20.00	140,160
2	Fire wall construction	1,891	m2	20.00	37,820
	<u>Vinyl to:</u>				
3	Full height vinyl to wet areas incl. membrane	1,220	m2	100.00	122,000
4	Wall protection to 1800mm high	807	m2	120.00	96,840

Total Wall Finishes

396,820

Department Costs Pro Rata

Substructure

5	Emergency Department	2,204	m2	63.39	139,711
	<u>Substructure</u>				
6	Medical (IPU)	1,843	m2	63.39	116,827
	<u>Substructure</u>				
7	HDU	428	m2	63.39	27,131
	<u>Substructure</u>				
8	Storage & other areas	161	m2	63.39	10,206
	<u>Substructure</u>				
9	Travel	866	m2	63.39	54,896
	<u>Substructure</u>				
10	Engineering	758	m2	63.39	48,049
	GFA	6,260	m2		

Adjustment

-396,820

FLOOR FINISHES

Emergency Department

Rubber Flooring

1	Rubber Flooring to Waiting Areas	213	m2	160.00	34,080
2	150mm coved skirting	128	m	25.00	3,200

Carpet

3	Carpet tiles	88	m2	50.00	4,400
4	Aluminium Skirtings	96	m	25.00	2,400

Resilient Finishes

5	Vinyl finish	1,890	m2	90.00	170,100
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Project: Health Infrastructure
Building: Sutherland Hospital

Details: CIV Cost Plan C1

Auto code	Description	Quantity	Unit	Rate	Total
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FLOOR FINISHES

(Continued)

6	Vinyl coved skirting to vinyl areas	1,866	m	20.00	37,320
	<u>Inpatient Care Unit</u>				
	<u>Rubber Flooring</u>				
7	Rubber Flooring to Waiting Areas	66	m2	160.00	10,560
8	150mm coved skirting	51	m	25.00	1,275
	<u>Carpet</u>				
9	Carpet tiles	129	m2	50.00	6,450
10	Aluminium Skirtings	124	m	25.00	3,100
	<u>Resilient Finishes</u>				
11	Vinyl finish	1,837	m2	90.00	165,330
12	Vinyl coved skirting to vinyl areas	2,005	m	20.00	40,100
	<u>High Dependency Unit</u>				
	<u>Carpet</u>				
13	Carpet tiles	16	m2	50.00	800
14	Aluminium Skirtings	17	m	25.00	425
	<u>Resilient Finishes</u>				
15	Vinyl finish	420	m2	90.00	37,800
16	Vinyl coved skirting to vinyl areas	422	m	20.00	8,440
	<u>Travel</u>				
	<u>Resilient Finishes</u>				
17	Vinyl finish	845	m2	90.00	76,050
18	Vinyl coved skirting to vinyl areas	658	m	20.00	13,160
	<u>Concrete</u>				
19	Sealed Concrete finish to stair cores	182	m2	25.00	4,550
20	Sealed Concrete finish to stair cores	750	m2	25.00	18,750

Total Floor Finishes

638,290

CEILING FINISHES

Ceiling Finishes

Plasterboard Ceilings

1	Flush set plasterboard ceilings with paint finish	3,443	m2	110.00	378,730
2	Flush set plasterboard ceilings with paint finish and timber inserts in lieu of feature timber ceilings	284	m2	180.00	51,120

Drop In Ceilings

3	Drop in ceiling tiles and grid	1,954	m2	60.00	117,240
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FC Sheet

4	Painted FC sheet to undercroft soffitts	400	m2	140.00	56,000
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Bulkheads

Project: Health Infrastructure	Details: CIV Cost Plan C1
Building: Sutherland Hospital	

Auto code	Description	Quantity	Unit	Rate	Total
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CEILING FINISHES

(Continued)

5	Plasterboard bulkhead with timber inserts	236	m2	430.00	101,480
	<u>Paint Finish</u>				
6	Allowance for painting soffits to plant areas	227	m2	20.00	4,540
Total Ceiling Finishes					709,110

Department Costs Pro Rata

Substructure

7	Emergency Department	2,204	m2	113.28	249,661
	<u>Substructure</u>				
8	Medical (IPU)	1,843	m2	113.28	208,768
	<u>Substructure</u>				
9	HDU	428	m2	113.28	48,482
	<u>Substructure</u>				
10	Storage & other areas	161	m2	113.28	18,237
	<u>Substructure</u>				
11	Travel	866	m2	113.28	98,097
	<u>Substructure</u>				
12	Engineering	758	m2	113.28	85,863
	GFA	6,260	m2		

Adjustment

-709,110

FITMENTS & JOINERY

Sigange

1	Allowance for signage	1	Item	150,000.00	150,000
	<u>Handrails & Crash Rails</u>				
2	Crashrail 150h	530	m	170.00	90,100
	<u>Corner Guards</u>				
3	Prefinished corner guards, 1800/1500mm long	1	Item	25,000.00	25,000
	<u>Bedheads</u>				
4	to Level 2	50	No	3,200.00	160,000
5	to Level 3	54	No	3,800.00	205,200
	<u>Medical Services Panels</u>				
6	to bedhaeds	94	No	400.00	37,600
	<u>Splashbacks</u>				
7	Allowance for laminate splashbacks	1	Item	60,000.00	60,000

Project: Health Infrastructure	Details: CIV Cost Plan C1
Building: Sutherland Hospital	

Auto code	Description	Quantity	Unit	Rate	Total
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FITMENTS & JOINERY

(Continued)

Metalwork

8	Allowance for sundry metalwork	1	Item	50,000.00	50,000
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Staff Stations etc

9	Reception desk	1	No	22,000.00	22,000
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10	Staff stations	7	No	16,000.00	112,000
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Allowance

11	Allowance for undefined joinery @ 10%	1	Item	90,000.00	90,000
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- 1,001,900

Department Costs Pro Rata

Substructure

12	Emergency Department	2,204	m2	160.05	352,746
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Substructure

13	Medical (IPU)	1,843	m2	160.05	294,968
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Substructure

14	HDU	428	m2	160.05	68,501
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Substructure

15	Storage & other areas	161	m2	160.05	25,768
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Substructure

16	Travel	866	m2	160.05	138,602
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Substructure

17	Engineering	758	m2	160.05	121,316
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GFA 6,260 m2

Adjustment -1,001,900

GROUP 1 & 2 FF&E

Group 1 & 2 as HFBS List

1	Baby change table	4	No	780	3,120
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2	Basin vanity top	37	No	500	18,500
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3	Bench seat	1	No	850	850
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4	Bench: laminate	47	No	450	21,150
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5	Bench: laminate, free standing	41	No	1,200	49,200
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6	Bench: laminate, writing	1	No	450	450
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7	Bench: stainless steel	6	No	2,500	15,000
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8	Bracket: television, ceiling	59	No	380	22,420
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Project: Health Infrastructure	Details: CIV Cost Plan C1
Building: Sutherland Hospital	

Auto code	Description	Quantity	Unit	Rate	Total
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GROUP 1 & 2 FF&E					(Continued)
9	Bracket: television, wall mount	7	No	290	2,030
10	Clock: analogue, electric	13	No	350	4,550
11	Clock: time elapse	3	No	3,000	9,000
12	Coathook	236	No	50	11,800
13	Counter top	8	No	1,500	12,000
14	Cupboard: door ht adj. shelves	4	No	850	3,400
15	Cupboard: double door lockable	7	No	950	6,650
16	Cupboard: drawer unit	6	No	680	4,080
17	Cupboard: medication, lockable	12	No	410	4,920
18	Cupboard: special	5	No	300	1,500
19	Cupboard: tall	5	No	650	3,250
20	Cupboard: under bench	23	No	400	9,200
21	Cupboard: under bench, lockable	7	No	400	2,800
22	Cupboard: urinalysis	5	No	400	2,000
23	Cupboard: wall mounted	7	No	750	5,250
24	Cupboard: wall mounted, lockable	21	No	750	15,750
25	Cupboard: wardrobe	50	No	850	42,500
26	Curtain track: bed screen	105	No	200	21,000
27	Curtain track: shower	43	No	100	4,300
28	Dispenser: toilet paper	60	No	30	1,800
29	Grab rail: Shower	43	No	80	3,440
30	Grab Rail: SS	1	No	140	140
31	Grab rail: WC	100	No	140	14,000
32	Grab rail: WC, disabled use	2	No	224	448
33	Grab rail: WC, hinged	50	No	379	18,950
34	Lifter: patient, ceiling mounted	2	No	6,000	12,000
35	Light: examination, ceiling	44	No	1,800	79,200
36	Light: examination, wall mount	6	No	1,800	10,800
37	Light: operating, single, 550 diam nominal	3	No	22,000	66,000
38	Light: procedure, ceiling	9	No	4,800	43,200
39	Mirror	66	No	300	19,800
40	Pinboard: fabric covered	52	No	250	13,000
41	Reception desk: laminate/ timber	1	No	22,000	22,000
42	Safe: dangerous drugs, small	4	No	850	3,400
43	Security screen: child proof	3	No	850	2,550
44	Services pendant: 2 arm, height adj	8	No	8,500	68,000
45	Services pendant: adj height, with arm	3	No	8,500	25,500

Project: Health Infrastructure	Details: CIV Cost Plan C1
Building: Sutherland Hospital	

Auto code	Description	Quantity	Unit	Rate	Total
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GROUP 1 & 2 FF&E

(Continued)

46	Shelf: laminate	91	No	750	68,250
47	Shelf: monitor	1	No	650	650
48	Shelf: SS, under	5	No	850	4,250
49	Shelf: vanity	7	No	350	2,450
50	Shelves: pharmacy	18	No	850	15,300
51	Shelving unit: adjustable	51	No	650	33,150
52	Shelving Unit: Compactus	4	No	6,500	26,000
53	Shelving unit: heavy duty	2	No	1,200	2,400
54	Shelving unit: microwave	6	No	370	2,220
55	Shelving unit: PPE	19	No	300	5,700
56	Soap / shampoo holder	43	No	40	1,720
57	Towel rail	43	No	100	4,300

Allowance

58	Allowance for undefined items @ 10%	1	No	86,729	86,729
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954,017

Department Costs Pro Rata

Substructure

59	Emergency Department	2,204	m2	152.40	335,887
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Substructure

60	Medical (IPU)	1,843	m2	152.40	280,871
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Substructure

61	HDU	428	m2	152.40	65,227
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Substructure

62	Storage & other areas	161	m2	152.40	24,536
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Substructure

63	Travel	866	m2	152.40	131,977
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Substructure

64	Engineering	758	m2	152.40	115,518
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GFA 6,260 m2

Adjustment

-954,017

HYDRAULIC SERVICES

Sanitary Plumbing

1	80mm pipewrk	189	m	160.00	30,240
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Project: Health Infrastructure
Building: Sutherland Hospital

Details: CIV Cost Plan C1

Auto code	Description	Quantity	Unit	Rate	Total
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HYDRAULIC SERVICES

(Continued)

2	100mm pipework	198	m	200.00	39,600
3	Floor wastes	180	No	300.00	54,000
4	Tundish	72	No	150.00	10,800

Sanitary Fixtures & Tapware incl hydaraulic services

5	WC	55	No	2,100.00	115,500
6	Basin	144	No	2,300.00	331,200
7	Sink	10	No	2,350.00	23,500
8	Laundry Tub	1	No	2,500.00	2,500
9	Cleaner's Sink	2	No	3,500.00	6,300
10	Sink flushing rim	3	No	4,200.00	11,340
11	Boiling/Chilled Water Unit	4	No	4,400.00	15,840
12	BWIC	1	Item	15,000.00	15,000

Sewer Drainage

Pipework

13	100mm Pipework	158	m	95.00	14,963
14	150mm Pipework	314	m	135.00	42,404
15	225mm Pipework	45	m	250.00	11,250

Ancillaries

16	Floor Waste (FW)	90	No	100.00	9,000
17	Plantroom FW (PFW)	2	No	350.00	630
18	Shower FW (SHR)	18	No	180.00	3,240

Cold Water Services

19	20mm pipework	405	m	30.00	12,150
20	25mm pipework	270	m	35.00	9,450
21	50mm pipework	90	m	70.00	6,300
22	80mm pipework	450	m	110.00	49,500
23	100mm pipework	180	m	130.00	23,400
24	20mm stop valve	90	No	70.00	6,300
25	25mm stop valve	18	No	110.00	1,980
26	50mm stop valve	72	No	200.00	14,400
27	100mm stop valve	7	No	325.00	2,340
28	Pumpset	1	Item	10,000.00	10,000
29	32mm RPZD	9	No	1,800.00	16,200
30	100mm RPZD	3	No	4,200.00	11,340

Project: Health Infrastructure
Building: Sutherland Hospital

Details: CIV Cost Plan C1

Auto code	Description	Quantity	Unit	Rate	Total
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HYDRAULIC SERVICES

(Continued)

Hot Water Services

31	15mm pipework	405	m	50.00	20,250
32	20mm pipework	135	m	60.00	8,100
33	40mm pipework	90	m	80.00	7,200
34	65mm pipework	450	m	110.00	49,500
35	80mm pipework	90	m	130.00	11,700
36	20mm stop valve	23	No	80.00	1,800
37	50mm stop valve	45	No	200.00	9,000
38	80mm stop valve	2	No	300.00	540
39	Gas heaters	3	No	7,000.00	21,000
40	Circulating pumps	7	No	2,500.00	18,000
41	Thermo mixing valves	63	No	2,000.00	126,000

Gas Services

42	25mm pipework	25	m	50.00	1,250
43	50mm pipework	50	m	70.00	3,500
44	80mm pipework	20	m	105.00	2,100
45	100mm pipework	250	m	130.00	32,500
46	25mm stop valve	15	No	80.00	1,200
47	50mm stop valve	8	No	160.00	1,280
48	80mm stop valve	10	No	230.00	2,300
49	100mm stop valve	5	No	320.00	1,600
50	Regulator	1	No	1,800.00	1,800
51	Master isolation box	1	No	1,800.00	1,800
52	Gas safety cut off valve	1	No	4,000.00	4,000

1,227,086

Department Costs Pro Rata

Substructure

53	Emergency Department	2,204	m2	196.02	432,028
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Substructure

54	Medical (IPU)	1,843	m2	196.02	361,265
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Substructure

55	HDU	428	m2	196.02	83,897
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Project: Health Infrastructure	Details: CIV Cost Plan C1
Building: Sutherland Hospital	

Auto code	Description	Quantity	Unit	Rate	Total
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HYDRAULIC SERVICES

(Continued)

<u>Substructure</u>					
56	Storage & other areas	161	m2	196.02	31,559
<u>Substructure</u>					
57	Travel	866	m2	196.02	169,753
<u>Substructure</u>					
58	Engineering	758	m2	196.02	148,583
GFA		6,260	m2		
Adjustment					-1,227,086

MECHANICAL SERVICES

<u>Ductwork</u>					
1	Ductwork, 200 x 300	83	m2	65.00	5,395
2	Ductwork, 250 x 250, non-insulated	147	m2	65.00	9,555
3	Ductwork, 250 x 300	210	m2	65.00	13,650
4	Ductwork, 300 x 250 non-insulated ductwork	98	m2	65.00	6,370
5	Ductwork, 300 x 300 non-insulated ductwork	70	m2	65.00	4,550
6	Ductwork, 300 x 400	51	m2	65.00	3,315
7	Ductwork, 400 x 400	63	m2	65.00	4,095
8	Ductwork, 500 x 200	87	m2	65.00	5,655
9	Ductwork, 500 x 400	258	m2	65.00	16,770
10	Ductwork, 700 x 400	539	m2	65.00	35,035
11	Ductwork, 800 x 400	468	m2	65.00	30,420
12	Ductwork, 900 x 200	27	m2	65.00	1,755
13	Ductwork, 900 x 400	110	m2	65.00	7,150
14	Ductwork, 1000 diameter	74	m2	65.00	4,810
15	Ductwork, 1000 x 400	126	m2	65.00	8,190
16	Ductwork, 1100 x 400	354	m2	65.00	23,010
17	Ductwork, 1190 x 380, fire rated	35	m2	65.00	2,275
18	Ductwork, 1200 x 400	519	m2	65.00	33,735
19	Ductwork, 1400 diameter	64	m2	65.00	4,160
20	Ductwork, 1400 x 400	508	m2	65.00	33,020
21	Ductwork, 1500 x 400	282	m2	65.00	18,330
22	Ductwork, 1600 diameter	138	m2	65.00	8,970
23	Ductwork, 1600 x 400	720	m2	65.00	46,800
24	Ductwork, 1790 x 380, fire rated	48	m2	65.00	3,120
25	Ductwork, 2000 x 400	173	m2	65.00	11,245
26	Flexible Ductwork	1,000	m	60.00	60,000

Project: Health Infrastructure
Building: Sutherland Hospital

Details: CIV Cost Plan C1

Auto code	Description	Quantity	Unit	Rate	Total
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MECHANICAL SERVICES

(Continued)

Insulation & Linings

27	Ductwork Insulation	5,084	m2	60.00	305,040
28	Ductwork Acoustic Lining	1,050	m2	80.00	84,032

Grilles & Diffusers

29	Grilles and Diffusers	200	No	400.00	80,000
30	VAV Boxes	30	No	800.00	24,000

Pipework

31	Chilled Water Pipework	302	m	140.00	42,280
32	Chilled Water Valves	44	No	330.00	14,570
33	Chilled Water Control Valves	12	No	1,500.00	18,000
34	Chilled Water Pipework Insulation	302	m	95.00	28,690
35	Heating Water Pipework	232	m	100.00	23,200
36	Heating Water Valves	37	No	330.00	12,210
37	Heating Water Control Valves	10	No	1,500.00	15,000
38	Heating Water Pipework Insulation	232	m	45.00	10,440
39	Condenser Water Pipework	110	m	135.00	14,850
40	Condenser Water Valves	12	No	380.00	4,560
41	Condenser Water Control Valves	3	No	1,500.00	4,500
42	Final plant distribution pipework	1	item	84,000.00	84,000

Plant

43	Chillers	2	No	75,000.00	150,000
44	Boilers	2	No	30,000.00	60,000
45	Boiler Flues	1	item	4,000.00	4,000
46	Cooling Towers	2	No	45,000.00	90,000
47	Pump plant	8	No	10,500.00	84,000
48	Minor ancilliary plant	1	item	15,000.00	15,000

AHUs

49	AHU 2.1 4,800l/s VAV Air Handling Unit	1	No	65,000.00	65,000
50	AHU 2.2 3,400l/s VAV Air Handling Unit	1	No	43,000.00	43,000
51	AHU 2.3 900l/s VAV Air Handling Unit	1	No	20,000.00	20,000
52	AHU 2.4 10,400l/s VAV Air Handling Unit	1	No	140,000.00	140,000
53	AHU 2.5 1,700l/s VAV Air Handling Unit	1	No	30,000.00	30,000
54	AHU 3.1 3,300l/s VAV Air Handling Unit	1	No	45,000.00	45,000
55	AHU 3.2 5,600l/s VAV Air Handling Unit	1	No	80,000.00	80,000

Project: Health Infrastructure	Details: CIV Cost Plan C1
Building: Sutherland Hospital	

Auto code	Description	Quantity	Unit	Rate	Total
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MECHANICAL SERVICES

(Continued)

56	AHU 3.3 6,760l/s VAV Air Handling Unit	1	No	95,000.00	95,000
57	AHU 3.4 1,650l/s VAV Air Handling Unit	1	No	25,000.00	25,000
58	AHU 3.5 4,950l/s VAV Air Handling Unit	1	No	70,000.00	70,000
59	AHU 3.6 1,400l/s VAV Air Handling Unit	1	No	20,000.00	20,000
60	Fans	30	No	3,000.00	90,000
61	FCUs	17	No	6,000.00	102,000
62	Attenuation	1	item	50,000.00	50,000
63	Server Room PAC Units	2	No	15,000.00	30,000
64	VSDs	43	No	5,000.00	215,000
65	Filters	1	Item	20,000.00	20,000
66	Water treatment	1	Item	60,000.00	60,000
67	Air Dryer	1	No	10,000.00	10,000
68	Electrical				incl in Elec
69	Controls	1	Item	450,000.00	450,000

Sundries

70	Workshop Drawings & O&M Manuals	1	Item	20,000	20,000
71	Testing & Comissioning	1	Item	70,000	70,000
72	User Training	1	Item	7,500	7,500
73	Peventative Maintenance & Seasonal Tuning	1	Item	20,000	20,000

3,347,252

Department Costs Pro Rata

Substructure

74	Emergency Department	2,204	m2	534.70	1,178,489
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Substructure

75	Medical (IPU)	1,843	m2	534.70	985,461
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Substructure

76	HDU	428	m2	534.70	228,854
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Substructure

77	Storage & other areas	161	m2	534.70	86,087
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Substructure

78	Travel	866	m2	534.70	463,054
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Substructure

79	Engineering	758	m2	534.70	405,306
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Project: Health Infrastructure	Details: CIV Cost Plan C1
Building: Sutherland Hospital	

Auto code	Description	Quantity	Unit	Rate	Total
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MECHANICAL SERVICES

(Continued)

GFA 6,260 m2

Adjustment

-3,347,252

MEDICAL GASES & PNEUMATIC TUBE

Medical Gases & Pneumatic Tube

1	Medical gas and pneumatic tube	6,260	m2	80.00	500,800
2	Upgrade to bulk Oxygen Tank	1	Item		Excluded
3	BWIC	1	Item	15,000.00	15,000
					515,800

Department Costs Pro Rata

Substructure

4	Emergency Department	2,204	m2	82.40	181,601
<u>Substructure</u>					
5	Medical (IPU)	1,843	m2	82.40	151,856
<u>Substructure</u>					
6	HDU	428	m2	82.40	35,266
<u>Substructure</u>					
7	Storage & other areas	161	m2	82.40	13,266
<u>Substructure</u>					
8	Travel	866	m2	82.40	71,355
<u>Substructure</u>					
9	Engineering	758	m2	82.40	62,456
		GFA	6,260	m2	

Adjustment

-515,800

ELECTRICAL SERVICES

Electrical Services

1	Submains cabling	33	No	12,000.00	396,000
2	Electrical supplies to mechanical plant	1	item	200,000.00	200,000
3	Distribution Boards	24	No	6,500.00	156,000
4	Cable Containment	605	m	200.00	121,000
5	Power rough in	6,260	m2	35.00	219,100
6	GPO: Cleaner	73	No	120.00	8,760
7	GPO: Double	388	No	150.00	58,200
8	GPO: Emergency power, double	38	No	150.00	5,700

Project: Health Infrastructure	Details: CIV Cost Plan C1
Building: Sutherland Hospital	

Auto code	Description	Quantity	Unit	Rate	Total
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ELECTRICAL SERVICES

(Continued)

9	GPO: Emergency power, single	210	No	120.00	25,200
10	GPO: Single	267	No	120.00	32,040
11	GPO: Special: 3 phase	2	No	180.00	360
12	GPO: Special: for equipment	174	No	180.00	31,320
13	Lighting rough in	6,260	m2	90.00	563,400
14	General fluorescent	221	No	300.00	66,300
15	General: colour corrected	104	No	400.00	41,600
16	Downlights: dimmable	10	No	250.00	2,500
17	Special: downlights	19	No	350.00	6,650
18	Special: night lights	58	No	350.00	20,300
19	Special: task light, built in	21	No	300.00	6,300
20	Emergency Lighting	6,260	m2	25.00	156,500
21	Lighting Controls	6,260	m2	25.00	156,500
22	Floor services box: flush mount	3	No	750.00	2,250
23	Door Hold Open Devices	20	No	3,000.00	60,000
24	Earthing	1	Item	15,000.00	15,000
25	Lightning protection	1	Item	25,000.00	25,000
26	BWIC	1	Item	118,799.00	118,799

Total Electrical Services

2,494,779

Department Costs Pro Rata

Substructure

27	Emergency Department	2,204	m2	398.53	878,354
	<u>Substructure</u>				
28	Medical (IPU)	1,843	m2	398.53	734,485
	<u>Substructure</u>				
29	HDU	428	m2	398.53	170,570
	<u>Substructure</u>				
30	Storage & other areas	161	m2	398.53	64,163
	<u>Substructure</u>				
31	Travel	866	m2	398.53	345,124
	<u>Substructure</u>				
32	Engineering	758	m2	398.53	302,083

GFA

6,260 m2

Project: Health Infrastructure	Details: CIV Cost Plan C1
Building: Sutherland Hospital	

Auto code	Description	Quantity	Unit	Rate	Total
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ELECTRICAL SERVICES

(Continued)

Adjustment

-2,494,779

ICT SERVICES

ICT Systems

1	Voice / Data outlet: double	263	No	440.00	115,720
2	Voice / Data outlet: single	19	No	350.00	6,650
3	Intercom	5	No	400.00	2,000
4	Patient/ Staff call	215	No	250.00	53,750
5	Duress alarm	22	No	250.00	5,500
6	Staff/ Nurse assist call	175	No	250.00	43,750
7	Emergency call	160	No	250.00	40,000
8	BWIC	1	Item	25,000.00	25,000

Voice Tie

9	New PIM cards for NEC PABX	1	item	40,000	40,000
10	Tie cable	1	item	15,000	15,000
11	BWIC	1	Item	10,000	10,000

Other

12	Patient Entertainment System \$155k	1	Item		Excl
13	MATV \$33k	1	Item		Excl

Total ICT Services

357,370

Department Costs Pro Rata

Substructure

14	Emergency Department	2,204	m2	57.09	125,822
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Substructure

15	Medical (IPU)	1,843	m2	57.09	105,213
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Substructure

16	HDU	428	m2	57.09	24,434
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Substructure

17	Storage & other areas	161	m2	57.09	9,191
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Substructure

18	Travel	866	m2	57.09	49,438
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Substructure

Project: Health Infrastructure	Details: CIV Cost Plan C1
Building: Sutherland Hospital	

Auto code	Description	Quantity	Unit	Rate	Total
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ICT SERVICES

(Continued)

19	Engineering	758	m2	57.09	43,273
	GFA	6,260	m2		
	Adjustment				-357,370

FIRE PROTECTIONS

Fire Hose Reel Services

1	25mm pipework	150	m	40.00	6,000
2	50mm pipework	600	m	60.00	36,000
3	50mm stop valve	4	No	200.00	800
4	Fire hose reels	20	No	900.00	18,000
5	32mm RPZD	2	No	1,600.00	3,200
6	Extinguishers	30	No	450.00	13,500
	Total Fire Hose Reel Services				77,500

Wet & Dry Fire Services

7	100mm pipework	500	m	120.00	60,000
8	40mm pipework	500	m	90.00	45,000
9	Flow test	1	Item	20,000.00	20,000
10	Sprinkler heads	6,260	m2	40.00	250,400
11	Dry fire	6,260	m2	25.00	156,500
12	Connection to existing panel	1	Item	15,000.00	15,000
13	New mimic panel	1	Item	15,000.00	15,000
14	Annuncator panels	15	No	1,000.00	15,000
	Total Wet & Dry Fire Services				576,900

Hydrant Services

15	100mm pipework	700	m	130.00	91,000
16	100mm stop valve	20	No	25.00	500
17	100mm connection	1	Item	10,000.00	10,000
18	Fire hydrants	12	No	350.00	4,200
19	20l/s diesel/electric pump	1	No	30,000.00	30,000
	Total Hydrant Services				790,100

Project: Health Infrastructure	Details: CIV Cost Plan C1
Building: Sutherland Hospital	

Auto code	Description	Quantity	Unit	Rate	Total
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FIRE PROTECTIONS

(Continued)

Department Costs Pro Rata

Substructure

20	Emergency Department	2,204	m2	126.21	278,176
	<u>Substructure</u>				
21	Medical (IPU)	1,843	m2	126.21	232,613
	<u>Substructure</u>				
22	HDU	428	m2	126.21	54,020
	<u>Substructure</u>				
23	Storage & other areas	161	m2	126.21	20,320
	<u>Substructure</u>				
24	Travel	866	m2	126.21	109,301
	<u>Substructure</u>				
25	Engineering	758	m2	126.21	95,670
	GFA	6,260	m2		

Adjustment

-790,100

VERTICAL TRANSPORTATION

Lifts

1	Lifts	2	No	240,000.00	480,000
2	BWIC	1	Item	24,000.00	24,000
	Total Lifts				504,000

Department Costs Pro Rata

Substructure

3	Emergency Department	2,204	m2	80.51	177,447
	<u>Substructure</u>				
4	Medical (IPU)	1,843	m2	80.51	148,382
	<u>Substructure</u>				
5	HDU	428	m2	80.51	34,459
	<u>Substructure</u>				
6	Storage & other areas	161	m2	80.51	12,962
	<u>Substructure</u>				
7	Travel	866	m2	80.51	69,723

Project: Health Infrastructure	Details: CIV Cost Plan C1
Building: Sutherland Hospital	

Auto code	Description	Quantity	Unit	Rate	Total
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VERTICAL TRANSPORTATION

(Continued)

Substructure

8	Engineering	758	m2	80.51	61,027
	GFA	6,260	m2		
	Adjustment				-504,000

LANDSCAPING & COURTYARDS

Courtyards

1	Paving	125	m2	200.00	25,000
2	Soft landscaping	100	m2	175.00	17,500
3	Trees	6	No	1,750.00	10,500
4	Drainage	225	m2	140.00	31,500

Landscaping to Carpark Areas

5	Allowance for landscaping to external areas, tbc	1	Item	70,000.00	70,000
	Total Landscape & Courtyards				154,500

CIVIL WORKS

Site Preparation

1	Break up existing bitumen paving	3,000	m2	20.00	60,000
2	Excavation of site for levels to form substructure	900	m3	40.00	36,000
3	Disposal of excavated material, assume uncontaminated fill	900	m3	100.00	90,000
4	Allowance for erosion and sediment control	1	Item	10,000.00	10,000

Total Civil Works 196,000

ROADWORKS

Roads, Paving, Footpaths

Road relocation works

1	Type P1 Pavement - 160mm concrete on 150mm compacted DGB20	815	m2	120.00	97,800
2	Type P2 trafficable pavement - 40mm AC10 on 120mm compacted DGB20 on 260mm DGS40	2,150	m2	80.00	172,000
3	Type P3 pavement - 80mm thick concrete on sand basecourse	633	m2	100.00	63,300
4	Type P4 pavement - 40mm AC10 on 100mm compacted DGB20 on 220mm DGS40	310	m2	70.00	21,700
5	New kerbs & gutters	548	m	125.00	68,500
6	Median kerbs	77	m	75.00	5,775

Other works

7	Lighting augmentation to carparks	20	poles	5,500.00	110,000
8	External electrical & comms services diversions	1	Item	25,000.00	25,000

Project: Health Infrastructure
Building: Sutherland Hospital

Details: CIV Cost Plan C1

Auto code	Description	Quantity	Unit	Rate	Total
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ROADWORKS

(Continued)

9	Adjustment to existing asphalt pavements	1	item	30,000.00	30,000
10	Retaining Walls	37	m	750.00	27,750

Subtotal Roads, Paving, Footpaths

621,825

EXTERNAL ELECTRICAL / ICT

External Electrical

1	New Main Switchboard	1	Item	230,000.00	230,000
2	Central UPS System	1	Item	35,000.00	35,000
3	Substation (Provision for future substation only)	1	Item	50,000.00	50,000
4	Allowance for diesel generator	1	Item	260,000.00	260,000
5	BWIC	1	Item	20,000.00	20,000

Total External Electrical

365,000

New LV supply from existing chamber

Level 1 Reticulation

6	Electrical pit	1	No	5,000.00	5,000
7	LV Submains @ high level in cable tray	42	m	650.00	27,300

External Works from existing substation

8	1600A consumer mains in cable tray	7	m	650.00	4,550
9	Cable ladder tray for LV dropping to ground (4m)	1	No	450.00	450
10	New above ground LV submains in weather proof ducting	5	m	850.00	4,250
11	New electrical pits	6	No	5,000.00	30,000
12	New in ground LV submains	151	m	650.00	98,150
13	New LV supply in cable tray	11	m	450.00	4,950
14	New meter panel & protective device	1	No	10,000.00	10,000
15	BWIC	1	Item	10,000.00	10,000

Total LV Supply

194,650

External ICT

16	CCTV Camera Poles	1	Item	30,000.00	30,000
17	BWIC	1	Item	5,000.00	5,000

Total External ICT

35,000

EXTERNAL STORMWATER

External Stormwater

1	300dia stormwater pipe in trench	189	m	500.00	94,500
2	Allowance for conduits, connections pits etc.	1	item	60,000.00	60,000
3	Stormwater Detention (25m3 tank)	1	item	50,000.00	50,000

Project: Health Infrastructure	Details: CIV Cost Plan C1
Building: Sutherland Hospital	

Auto code	Description	Quantity	Unit	Rate	Total
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EXTERNAL STORMWATER

(Continued)

4	Pits	10	no	3,500.00	35,000
5	BWIC	1	Item	25,000.00	25,000

Total External Stormwater **264,500**

EXTERNAL SEWER

External Sewer

1	Diversion fo existing sewer services	1	Item	15,000.00	15,000
2	Connection to existing services	1	Item	10,000.00	10,000
3	Sewer Manhole (SMH)	12	No	2,500.00	30,000

Total External Sewer **55,000**

EXTERNAL FIRE

External Fire

1	Diversion of external fire services	1	Item	15,000.00	15,000
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Total External Fire **15,000**

LINEN & MEDICAL RECORDS RELOCATION

Linen & Medical Records Refurbishment

1	Allowance for temporary relocation of sterile store	25	m2	800.00	20,000
2	Demolition of areas	270	m2	80.00	21,600
3	New internal walls	320	m2	160.00	51,200
4	Wall finishes	640	m2	20.00	12,800
5	Vinyl flooring incl floor prep	270	m2	110.00	29,700
6	New tiled ceilings	270	m2	55.00	14,850
7	Internal doors	5	No	1,750.00	8,750
8	Adjust services	270	m2	140.00	37,800
9	BWIC				13,000

DEMOLITION FOR REFURB & ED EXPANSION

Demolition

1	Allowance for demolition of areas to be refurbished	910	m2	175.00	159,250
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ED Expansion

2	Demolition of ED expansion area	250	m2	550.00	137,500
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Total Roads, Paving, Footpaths **296,750**

Project: Health Infrastructure	Details: CIV Cost Plan C1
Building: Sutherland Hospital	

Auto code	Description	Quantity	Unit	Rate	Total
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DEMOLITION OF BRICK RISER

(Continued)

Demolition of Brick Riser

1	New Structural Support Framing to support slab above	6.00	tonne	7,500.00	45,000
2	Cleats, bolts etc	0.6	tonne	10,000.00	6,000
3	Demolish riser slabs	104	m2	450.00	46,800
4	Demolish (yellow) Facade	176	m2	350.00	61,600
5	Demolish Riser Facade (Red/Green)	173	m2	350.00	60,550
6	Demolish facade (Red)	166	m2	350.00	58,100
7	Allowance for scaffolding	300	m2	100.00	30,000

Total Demolition of Brick Riser

308,050

TEMPORARY FACADE TO ABOVE

Temporary Facade

1	Install new temporary screen with acoustic/weather seals to levels 2, 3, 4	195	m2	480.00	93,360
2	Extra over for painted internal linings	195	m2	190.00	36,955
3	EO for handrail	47	m	350.00	16,338
4	Ceiling/Floor Alterations	80	m	180.00	14,400

New Permanent Facade

5	Weather proof louvres	132	m2	680.00	89,828
6	Structural steel support frame	132	m2	350.00	46,200

EXISTING FACADE DEMOLITION L2 & L3

Existing Facade Demolition L2 & L3

1	Scaffold External - Erection & Dismantle	1,200	m2	65.00	78,000
2	Scaffold External - Hire (\$25/m2 per month)	2	months	30,000.00	60,000
3	Demolish facade and remove materials from site	900	m2	200.00	180,000

Total Existing Facade Demolition L2 & L3

318,000

LEVEL 1 LIFT EXCAVATION & SLAB

Level 1 Lift Excavation & Slab

1	Excavate for Level 1 lift works	385	m3	40.00	15,400
2	Disposal of excavated material, assume uncontaminated fill	385	m3	100.00	38,500
3	Level 1 lift lobby slab and footing	30	m2	160.00	4,800
4	BWIC				11,000

Total Level 1 Lift Excavation & Slab

69,700

Project: Health Infrastructure
Building: Sutherland Hospital

Details: CIV Cost Plan C1

Auto code	Description	Quantity	Unit	Rate	Total
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LEVEL 1 PLANT ROOMS & SERVICES TUNNEL

(Continued)

Level 1 Plant Rooms

1	Blockwork external walls	120	m2	180.00	21,600
2	Blockwork internal walls	200	m2	160.00	32,000
3	Internal doors	12	No	1,650.00	19,800
4	New lighting	216	m2	120.00	25,920
5	Mechanical exhaust	216	m2	75.00	16,200
6	Smoke detection	216	m2	25.00	5,400
7	BWIC	1	Item	15,000.00	15,000

Services Tunnel

8	Excavate embankment to form tunnel	130	m3	40.00	5,200
9	Disposal of excavated material, assume uncontaminated fill	130	m3	100.00	13,000
10	Footing to retaining wall	41	m	450.00	18,450
11	Reinforced blockwork wall to tunnel	140	m2	320.00	44,800
12	Access door	1	No	2,350.00	2,350
13	Lighting	90	m2	120.00	10,800
14	Dish drain	36	m	160.00	5,760

Total Level 1 Plant Rooms & Services Tunnel

236,280

MECHANICAL PLANT ALTERATIONS

Level 4 Mechanical Plant Alterations

1	Relocate comms room level 3	1	Item	11,000.00	11,000
2	New AHUs (8No)	1	Item	130,000.00	130,000
3	Return air fan	1	No	10,000.00	10,000
4	New heating pipework	1	Item	50,000.00	50,000
5	Power supplies	1	Item	36,750.00	36,750
6	Adjustments to ductwork where beyond hoarding line to existing corridors	1	Item	11,000.00	11,000
7	New ductwork connections & connections	1	Item	10,000.00	10,000
8	Site measure & make connections	1	Item	5,000.00	5,000
9	Strip out & demolish	1	Item	10,000.00	10,000
10	Testing & Commissioning	1	Item	12,000.00	12,000
11	BWIC	1	Item	14,000.00	14,000

MAIN CONTRACTORS PRELIMINARIES

Insurances & Bonds

1	Contractors All Risk, Public Liability and All Risks Insurance	1	Item	157,500.00	157,500
2	Retention / bank guarantee / bond	1	Item	30,000.00	30,000

Setting Out

Project: Health Infrastructure
Building: Sutherland Hospital

Details: CIV Cost Plan C1

Auto code	Description	Quantity	Unit	Rate	Total
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MAIN CONTRACTORS PRELIMINARIES

(Continued)

3	Survey fees, drawings, photographs etc.	1	Item	15,000.00	15,000
	<u>Supervision</u>				
4	Project Manager (100%)	113	Wks	4,300.00	484,094
5	Senior Contract Manager (100%)	113	Wks	4,100.00	461,578
6	Site Manager (100%)	113	Wks	4,100.00	461,578
7	Contracts Administrator (100%)	113	Wks	3,300.00	371,514
8	Administration/Secretary (100%)	113	Wks	1,750.00	197,015
9	Health & Safety / Safety first aid (50%)	56	Wks	1,750.00	98,508
10	Foreman 1No (100%)	113	Wks	3,200.00	360,256
11	Labourers - 1No (100%)	113	Wks	2,240.00	252,179
12	Dogmen - 1No (70%)	79	Wks	2,240.00	176,525
	<u>Hoardings & Site Access</u>				
13	Hoardings Class A	200	m	150.00	30,000
14	Extra over for secure gates	1	Item	6,000.00	6,000
15	Compound	1	Item	15,000.00	15,000
16	Traffic Management, Road Crossings & Re-instatement	1	Item	20,000.00	20,000
	<u>Site Offices & Sheds</u>				
17	Erect/remove site offices (say \$1000/shed)	17	No	1,000.00	17,000
18	Offices (2No)	113	Wks	200.00	22,516
19	Lunch rooms (1No)	113	Wks	75.00	8,444
20	Stores (1No)	113	Wks	50.00	5,629
21	First Aid (1No)	113	Wks	50.00	5,629
22	Office furniture and equipment	113	Wks	500.00	56,290
23	Project signboard	1	Item	10,000.00	10,000
	<u>Temporary Toilets</u>				
24	Ablutions block	113	Wks	300.00	33,774
25	Maintenance	113	Wks	250.00	28,145
26	Sewer connections, etc.	1	Item	15,000.00	15,000
	<u>Cranes & Hoists</u>				
27	Tower mobilisation and demobilisation	1	Item	40,000.00	40,000
28	Crane base	1	Item	20,000.00	20,000
29	Tower Crane: Hire & Driver @ \$9,500	62	Wks	9,500.00	589,000
30	Forklift & Labour	62	Wks	3,600.00	223,200
	<u>Scaffolding</u>				
31	Scaffold External - Erection & Dismantle	3,475	m2	65.00	225,875
32	Scaffold External - Hire (\$20/m2 per month) (60% of time)	1	Item	695,000.00	695,000
33	Internal scaffold, planks, guard rails etc (70% of time)	79	Wks	1,000.00	78,806

Project: Health Infrastructure
Building: Sutherland Hospital

Details: CIV Cost Plan C1

Auto code	Description	Quantity	Unit	Rate	Total
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MAIN CONTRACTORS PRELIMINARIES

(Continued)

Equipment & Small Tools

34	Compressor & hoses etc, say	113	Wks	150.00	16,887
35	Small tools, etc	113	Wks	150.00	16,887

Welfare & First Aid

36	Protective clothing, helmets, first aid kits, etc.	113	Wks	250.00	28,145
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Stormwater

37	Drainage inspection / approval	1	Item	15,000.00	15,000
38	Drainage connection	1	Item	15,000.00	15,000

Temporary Water & Power

39	Power install charges	1	Item	15,000.00	15,000
40	Water install charges	1	Item	15,000.00	15,000
41	Water consume	113	Wks	200.00	22,516
42	Power consume	113	Wks	150.00	16,887

Temporary Telephones

43	Rental	113	Wks	150.00	16,887
44	Connection (tel and fax)	20	No	300.00	6,000
45	Internet connection and charges	1	Item	3,000.00	3,000
46	Mobile Phones (7No x \$60/week)	113	Wks	250.00	28,145
47	Fax machine supply only (hire say \$50/ week)	113	Wks	50.00	5,629
48	Photocopier supply only (hire say \$70/ week)	113	Wks	70.00	7,881

Rubbish Removal & Site Cleaning

49	Progressive clean	113	Wks	650.00	73,177
50	Final Clean	7,260	m2	4.00	29,040
51	Bins (say 2 per week)	113	Wks	700.00	78,806

Sundries

52	Temporary Internal lighting	1	Item	20,000.00	20,000
53	Temporary External lighting	1	Item	20,000.00	20,000
54	Petty cash	113	Wks	100.00	11,258
55	Office stationary	113	Wks	200.00	22,516
56	As built drawings	1	Item	4,200.00	4,200

TOTAL