



Jindabyne Central School Upgrade

DA Cost Plan - Learning Building & Carpark

School Infrastructure

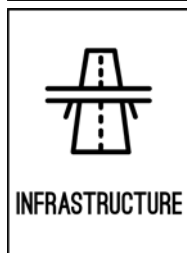
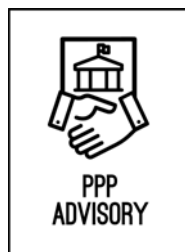
2067-0014



Jindabyne Central School Upgrade

School Infrastructure

DA Cost Plan - Learning Building & Carpark



Project Number: 2067-0014 Reviewed By: Ling Chen / Paul Janes Prepared By: Richard Wang/ Dylan Shepard

Document Title Issued To: Issue Date:
DA Cost Plan - Learning Building & Car Park SINSW/GHD 25/03/2019



SUMMARY



Client: School Infrastructure
Project: Jindabyne Central School Upgrade

Details: DA Cost Plan - Learning Building & Carpark
2067-0014
Date - 26/03/2019

Code	Description	Page	% of Cost	Cost/m2	Total
1	General note	4			0
2	Demolition	4	3.32		306,315
3	Substructure	4	4.27		394,390
4	Columns	5	1.01		92,990
5	Upper Floors	6	3.16		292,385
6	Stairs	6	1.58		145,980
7	Roof	6	3.73		344,475
8	External Walls Incl. External Doors	7	8.87		819,490
9	Windows & Glazings	8	4.76		439,850
10	Internal Walls	8	5.58		515,950
11	Internal Doors	8	1.52		140,770
12	Wall Finishes	9	2.80		258,490
13	Floor Finishes	9	2.45		225,985
14	Ceiling Finishes	10	6.02		556,340
15	Joinery	11	3.78		349,250
16	Fitments	12	1.69		156,272
17	Signage	12			PSUM
18	Hydraulic Services	12	2.51		232,332
19	Electrical Services	13	6.91		638,912
20	Mechanical Services	14	6.30		581,950
21	Vertical Transport	14	1.23		113,300
22	Fire Services	14	0.17		15,635
23	External Works	14	5.81		536,495
24	External Services	15	2.66		245,912
25	Trade Total		80.13		7,403,468
26	Preliminaries (20%)		16.03		1,480,694
27	Margin (4%)		3.85		355,366
28	Construction Total		100.00		9,239,528

GFA: 0.00 m2

Cost/m2 (excl GST): N/A/m2

Project Total (excl GST): 9,239,528

REPORT DETAILS



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Code	Description	Quantity	Unit	Rate	Amount
1	General note				
1.1	DA Estimate				
1.2	<i>Project: Jindabyne Central School - Learning building and carpark</i>				
1.3	<i>Client: SINSW</i>				
1.4	Introduction				
1.5	This indicative DA estimate has been developed to determine the estimated construction cost of the proposed Learning building and Car park at Jindabyne Central School		note		
1.6	This cost plan is based on our professional opinion and the source material available.		note		
1.7	Owing to the conceptual nature of the current design we have made various assumptions regarding the construction material and methodology. The estimate should therefore be considered as indicative only.		note		
					0
2	Demolition				
2.1	<u>Kerb, Path, Driveway, Walkway</u>				
2.2	Demolish existing kerb and path to allow for new crossovers	74	m2	50.00	3,700
2.3	Demolish existing pathway	225	m2	50.00	11,250
2.4	<u>Signage</u>				
2.5	Remove signage and line marking to existing accessible space	1	No	150.00	150
2.6	Remove existing fire hydrant assembly	1	No	150.00	150
2.7	<u>Landscaping</u>				
2.8	Remove existing trees (smaller - 500/1000mm girth)	4	no	500.00	2,000
2.9	<u>Fence</u>				
2.10	Demolish existing boundary fence	14	m	35.00	490
2.11	Demolish existing gate	1	No	250.00	250
2.12	Partially remove and amend existing chainwire fence, and make good to existing footpath connection	3	m	75.00	225
2.13	<u>Others</u>				
2.14	Relocate existing commemorative stones	2	No	300.00	600
2.15	<u>Final Removal of All Demountables off site</u>				
2.16	Building disassembly and decommissioning ready for transport (25 No Demountables)	25	Module	2,500.00	62,500
2.17	Remove and transport existing demountables off site after construction to new location (Assume Cessnock) (25 No Demountables)	25	Module	5,000.00	125,000
2.18	Allowance for demolition and disposal of demountable footings, raised walkways, stairs and ramps of all existing demountables being moved off site at end of construction, including tipping fees	25	Module	3,500.00	87,500
2.19	Allowance for demolition and capping off services of all existing demountables being moved off site at end of construction	25	Module	500.00	12,500
2.20	Allowance for make good grounds where demountables are removed		Note		INCL IN EXTERNAL WORKS
					306,315
3	Substructure				

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3.1	<u>Site Preparation</u>				
3.2	Site works - clear site, site preparation, earthworks	6,349	m2	5.00	31,745
3.3	Bulk cut to reduce level for Learning building	750	m3	30.00	22,500
3.4	Dispose excessed material	750	m3	65.00	48,750
3.5	<u>Excavation</u>				
3.6	Excavation for pad footing	21	m3	135.00	2,835
3.7	Excavation for strip footing	30	m3	135.00	4,050
3.8	Excavation for lift pit	32	m3	135.00	4,320
3.9	Excavation for stair base slab thickening	21	m3	135.00	2,835
3.10	Excavation for slab thickening	19	m3	135.00	2,565
3.11	Backfill behind lift pit with excavated material	17	m3	30.00	510
3.12	Cart away excavated material	106	m3	65.00	6,890
3.13	Cart away contaminated soil - EXCL		item		EXCL
3.14	<u>Ground works</u>				
3.15	100mm thick free draining basecourse	1,017	m2	25.00	25,425
3.16	30mm thick sand bedding	1,017	m2	15.00	15,255
3.17	0.2mm thick high impact resistance film	1,032	m2	10.00	10,320
3.18	<u>Footing</u>				
3.19	Pad footing PF1 1250x1250x650	11	no	850.00	9,350
3.20	Pad footing PF2 1000x1000x500	19	no	480.00	9,120
3.21	Strip footing SF1 600x400	14	m	260.00	3,640
3.22	Strip footing SF2 750x400	88	m	300.00	26,400
3.23	<u>Slab on Ground</u>				
3.24	150mm thick slab on ground including concrete, formwork and reinforcement	724	m2	120.00	86,880
3.25	200mm thick slab on ground including concrete, formwork and reinforcement	33	m2	140.00	4,620
3.26	350mm thick slab on ground including concrete, formwork and reinforcement	132	m2	230.00	30,360
3.27	400mm thick slab on ground including concrete, formwork and reinforcement	60	m2	340.00	20,400
3.28	300mm thick slab thickening including concrete and reinforcement	61	m2	200.00	12,200
3.29	150mm thick ramp on ground including concrete, formwork and reinforcement	9	m2	130.00	1,170
3.30	<u>Beams</u>				
3.31	250mm wide x 1485mm deep concrete fold	9	m	650.00	5,850
3.32	<u>Wall</u>				
3.33	200mm thick concrete lift pit wall including concrete, formwork and reinforcement	16	m2	400.00	6,400
					394,390
4	Columns				
4.1	Concrete columns C1 - 600x300	143	m	430.00	61,490
4.2	Concrete columns C2 - 450x300	55	m	350.00	19,250
4.3	Structural steel columns SC1 - 200x200x6 SHS	31	m	350.00	10,850
4.4	Precast support to stair 1 - 2400mm wide x 1600mm high	4	m2	350.00	1,400

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					92,990
5	Upper Floors				
5.1	170mm thick suspended slab including concrete, reinforcement and formwork	467	m2	275.00	128,425
5.2	200mm thick suspended slab including concrete, reinforcement and formwork	102	m2	290.00	29,580
5.3	220mm thick suspended slab including concrete, reinforcement and formwork	9	m2	300.00	2,700
5.4	300mm thick attached concrete bands including concrete, reinforcement and formwork	13	m2	400.00	5,200
5.5	350mm thick attached concrete bands including concrete, reinforcement and formwork	270	m2	460.00	124,200
5.6	150mm thick roof slab including concrete, reinforcement and formwork	8	m2	285.00	2,280
					292,385
6	Stairs				
6.1	<u>Concrete stair</u>				
6.2	Concrete stair 1, open stair from ground outdoor learning area to first floor, including concrete, reinforcement and formwork	1	no	12,000.00	12,000
6.3	Concrete stair 2, closed stair from ground to first floor, including concrete, reinforcement and formwork	1	no	17,000.00	17,000
6.4	Concrete stair 3, open stair from lower ground to higher ground, including concrete, reinforcement and formwork	1	no	4,500.00	4,500
6.5	Concrete stair 4, open stair from ground to first floor, including concrete, reinforcement and formwork	1	no	10,000.00	10,000
6.6	<u>Hand rails</u>				
6.7	HR1 - Wall mounted handrail with stainless steel double rail	36	m	650.00	23,400
6.8	HR2 - Free standing handrail with stainless steel double rail	3	m	750.00	2,250
6.9	HR3 - Free standing balustrade with stainless steel double rail	6	m	1,500.00	9,000
6.10	HR3 - Free standing balustrade with galvanised double rail	26	m	1,200.00	31,200
6.11	BAL1 - 1500mm high steel tubular balustrade	3	m	1,000.00	3,000
6.12	<u>Stair nosing and tactile</u>				
6.13	TGSI - Stainless steel tactile indicator to stair	13	m2	1,500.00	19,500
6.14	SN1 - Anti slip strip stair nosing to external stair	56	m	55.00	3,080
6.15	SN2 - Aluminium stair nosing to internal stair	130	m	85.00	11,050
					145,980
7	Roof				
7.1	<u>Roof framing</u>				
7.2	Roof beam B1 - 250UB31.4	0.24	t	9,500.00	2,280
7.3	Roof bracing BR1 - 20 dia rod	0.49	t	9,500.00	4,655
7.4	Fascia beam FB1 - 250 PFC	0.98	t	9,500.00	9,310
7.5	Rafter R1 - 250UB31.4	2.55	t	9,500.00	24,225
7.6	Rafter R2 - 360UB56.7	1.31	t	9,500.00	12,445
7.7	Rafter R3 - 250PFC	1.29	t	9,500.00	12,255
7.8	Shelf angle SA2 - 100x100x8 EA	1.15	t	9,500.00	10,925

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7.9	Strut ST1 - 101.6x5 CHS	1.13	t	9,500.00	10,735
7.10	Wind beam WB1 - 230 PFC	2.73	t	9,500.00	25,935
7.11	<u>Purlins</u>				
7.12	Purlins Z200-19 @ 1200 ctrs lapped over top of rafters, 2 rows of bridging	1,192	m	35.00	41,720
7.13	<u>Sundries</u>				
7.14	Allowance for associated connections and fittings to steelwork (10%)	1.00	t	10,000.00	10,000
7.15	Allowance for hot dip galvanised to steelworks	12.87	t	1,500.00	19,305
7.16	<u>Roof Covering</u>				
7.17	Metal roofing including sarking and insulation	1,084	m2	110.00	119,240
7.18	Metal cladding to concrete roof	4	m2	150.00	600
7.19	Ridge capping	32	m	65.00	2,080
7.20	Parapet capping	19	m	85.00	1,615
7.21	Fascia to cover eave gutter	129	m	85.00	10,965
7.22	<u>Roof Plumbing</u>				
7.23	Eave gutter	129	m	75.00	9,675
7.24	Downpipes	154	m	65.00	10,010
7.25	<u>Safety System</u>				
7.26	Ladder bracket	1	no	1,500.00	1,500
7.27	Allowance for roof access safety system (assume required)	1	item	5,000.00	5,000
					344,475
8	External Walls Incl. External Doors				
8.1	External Wall				
8.2	WT1 - Prefabricated concrete facade panel with selected brick inlay. PGH inbrick or equivalent with 50mm cavity and continuous breathable sarking membrane to floor to soffit steel stud wall framing with 1 layer of full height 13mm Plasterboard wall lining	622	m2	950.00	590,900
8.3	WT2 - Prefabricated concrete facade panel with selected brick inlay. PGH inbrick or equivalent with 50mm cavity and continuous breathable sarking membrane to concrete wall	148	m2	810.00	119,880
8.4	WT5 - Corrugated metal wall cladding system on top hat fixed horizontally over sisalation with 9mm FC sheeting to from 45mm Ventilated Cavity, NOM 92mm steel stud at 600 centres max with 1 layer of plasterboard wall lining	132	m2	265.00	34,980
8.5	External Doors				
8.6	<u>Glazed door with aluminium frame including hardware</u>				
8.7	883x2580mm high swing single door (DLB103.2)	1	no	2,500.00	2,500
8.8	920x2325mm high swing single door (DLB026.1, DLB026.2)	2	no	2,500.00	5,000
8.9	920x2580mm high swing single door (DLB103.1)	1	no	2,650.00	2,650
8.10	920x2595mm high swing single door (DLB116.1)	1	no	2,700.00	2,700
8.11	920x2630mm high swing single door (DLB002.2, DLB012.1)	2	no	2,750.00	5,500
8.12	1840x2340mm high auto double door (DLB002.1)	1	no	15,000.00	15,000
8.13	1840x2340mm high swing double door (DLB029.1, DLB113.1)	2	no	4,500.00	9,000
8.14	<u>Steel gate with steel frame and hardware, paint finish</u>				

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8.15	920x2340mm high single gate (DLB014.1, DLB 015.1)	2	no	1,250.00	2,500
8.16	<u>Door finishes</u>				
8.17	Films/decals to glazed doors	11	m	80.00	880
8.18	Galvanised finish to steel gate	2	no	500.00	1,000
8.19	Balustrade				
8.20	BAL1 - 1500mm high steel tubular balustrade	27	m	1,000.00	27,000
					819,490
9	Windows & Glazings				
9.1	<u>External Windows</u>				
9.2	Powdercoated aluminium framed glazing capral 419 flush line or approved equivalent	285	m2	950.00	270,750
9.3	Powdercoated aluminium framed bi-fold glazing window	20	m2	1,100.00	22,000
9.4	300mm high aluminium louvre with vermin mesh above nominated window	15	m2	750.00	11,250
9.5	<u>Internal Windows</u>				
9.6	Powdercoated aluminium framed glazing PWD suite or approved equivalent	99	m2	650.00	64,350
9.7	<u>Window Security</u>				
9.8	Crimsafe screen to windows, 50% of external window	143	m2	500.00	71,500
					439,850
10	Internal Walls				
10.1	WT11 - Floor to soffit steel stud partition with one layer of 13mm impact resistant plasterboard lining to each side, cavity insulation to achieve thermal and acoustic insulation requirements	477	m2	190.00	90,630
10.2	WT12 - Floor to soffit steel stud partition with one layer of 13mm 'Fyrchek' plasterboard lining to each side, cavity insulation to achieve thermal and acoustic insulation requirements	1,013	m2	210.00	212,730
10.3	WT15 - Floor to soffit steel stud partition with one layer of full height 13mm impact resistant plasterboard lining to one side, cavity insulation to achieve thermal and acoustic insulation requirements	24	m2	135.00	3,240
10.4	WT21 - Full height 13mm impact resistant plasterboard wall lining on furring channel fixed to structural wall	566	m2	105.00	59,430
10.5	Assume WT21 to concrete wall		note		Incl
10.6	WT31 - Reinforced structural concrete wall	351	m2	400.00	140,400
10.7	Security steel mesh to Dark room	112	m2	85.00	9,520
					515,950
11	Internal Doors				
11.1	<u>Solid core timber door with aluminium frame and hardware</u>				
11.2	920x2340mm single door (DLB016.1, DLB017.1, DLB117.1, DLB122.1)	4	no	1,500.00	6,000
11.3	920x2340mm single door with viewing panel (DLB005.1, DLB007.1, DLB009.1, DLB011.1, DLB019.3, DLB022.1, DLB025.1, DLB027.1, DLB028.1, DLB106.2, DLB107.1, DLB108.2)	12	no	1,700.00	20,400
11.4	1040x2340mm double door (DLB018.1, DLB109.1, DLB120.1, DLB123.1)	4	no	1,800.00	7,200
11.5	1840x2340mm double door with viewing panel (DLB118.1, DLB119.1)	2	no	2,800.00	5,600
11.6	920x2340mm single auto door (DLB112.1)	1	no	6,500.00	6,500

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11.7	<u>Solid core timber door with steel frame and hardware</u>				
11.8	920x2340mm single door (DLB013.1, DLB121.1)	2	no	1,450.00	2,900
11.9	<u>Glazed door with aluminium frame and hardware</u>				
11.10	920x2340mm single door (DLB014.2, DLB015.2, DLB021.1, DLB024.1, DLB027.2, DLB104.1, DLB115.1)	7	no	2,500.00	17,500
11.11	920x2380mm single door (DLB110.1, DLB114.1, DLB114.2)	3	no	2,600.00	7,800
11.12	1840x2340mm double door (DLB029.2, DLB116.2)	2	no	4,500.00	9,000
11.13	1200x2380mm sliding door (DLB003.1, DLB006.1, DLB008.1, DLB010.1, DLB019.1, DLB023.1, DLB102.2, DLB106.1, DLB108.1)	9	no	2,800.00	25,200
11.14	<u>Solid acoustic sliding door with interlocking concealed multiple door panel</u>				
11.15	3650x2340mm slider with pinboard finish (DLB006.2, DLB019.2)	18	m2	950.00	17,100
11.16	<u>Operable wall with interlocking acoustic rated panel</u>				
11.17	4150x1900 operable wall with pinboard finish (DLB008.2)	8	m2	950.00	7,600
11.18	<u>Door finishes</u>				
11.19	Films/decals to glazed doors	24	m	80.00	1,920
11.20	Paint finish to single door	17	no	250.00	4,250
11.21	Paint finish to double door	6	no	300.00	1,800
					140,770
12	Wall Finishes				
12.1	<u>Tiling</u>				
12.2	T3 - Ceramic wall tile (PC \$45/m2)	329	m2	120.00	39,480
12.3	<u>Waterproofing</u>				
12.4	Waterproofing to access shower	52	m2	55.00	2,860
12.5	<u>Pinboard panel</u>				
12.6	Pinboard panel to wall as per room data revision A	657	m2	200.00	131,400
12.7	Pinboard panel to ceiling as per room data revision A	13	m2	200.00	2,600
12.8	<u>Whiteboards</u>				
12.9	Writeable wall (whiteboard) (Assume size 1200 x 900mm)	18	m2	350.00	6,300
12.10	<u>Painting</u>				
12.11	Paint finish to walls	3,034	m2	25.00	75,850
					258,490
13	Floor Finishes				
13.1	<u>Carpet</u>				
13.2	CA10 - Carpet tiles (Mix of 3 tiles). Tufted Textured Loop BCF Nylon Type 6. Dimension: 250 x 1000 mm Thickness: 6.5mm +/-0.5mm Acoustic Backing: CushionBac	345	m2	100.00	34,500
13.3	CA11 - Carpet tiles, Tufted Textured Loop BCF Nylon Type 6. Dimension: 250 x 1000 mm Thickness: 6.5mm +/-0.5mm Acoustic Backing: CushionBac	33	m2	85.00	2,805
13.4	CA15 - Carpet tiles, Tufted Textured Loop BCF Nylon Type 6. Dimension: 250 x 1000 mm Thickness: 6.5mm +/-0.5mm Acoustic Backing: CushionBac	23	m2	85.00	1,955

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13.5	CA16 - Carpet tiles (Mix of 2 tiles). Tufted Textured Loop BCF Nylon Type 6. Dimension: 250 x 1000 mm Thickness: 6.5mm +/-0.5mm Acoustic Backing: CushionBac	272	m2	110.00	29,920
13.6	CA17 - Carpet tiles, Tufted Textured Loop BCF Nylon Type 6. Dimension: 250 x 1000 mm Thickness: 6.5mm +/-0.5mm Acoustic Backing: CushionBac	29	m2	85.00	2,465
13.7	MT2 - Electro-static door mat, BCF nylon type 6.6	3	m2	500.00	1,500
13.8	Refer to Schedule of Finishes and Materials for mix of colour and range		Note		
13.9	<u>Vinyl Flooring</u>				
13.10	RF4 - 2mm thick Industrial sheet vinyl, Safestep R11	26	m2	190.00	4,940
13.11	RF10 - 2mm thick Industrial sheet vinyl, Solid step	170	m2	130.00	22,100
13.12	RF11 - 2mm thick Industrial sheet vinyl, Surestep original	162	m2	150.00	24,300
13.13	RF12 - 2mm thick Industrial sheet vinyl, Surestep original	127	m2	155.00	19,685
13.14	RF13 - 2mm thick Industrial sheet vinyl, Surestep original	212	m2	150.00	31,800
13.15	RF20 - 2mm thick Industrial sheet Antistatic vinyl	23	m2	200.00	4,600
13.16	<u>Floor Tiling</u>				
13.17	T1 - 200x200mm Ceramic tile, slip rating: R12 (PC \$45/m2)	33	m2	120.00	3,960
13.18	<u>Concrete Floor</u>				
13.19	CN1 - Polished Concrete finish with Clear Sealer Sikafloor Curehard 24 Treatment	89	m2	50.00	4,450
13.20	CN3 - brushed concrete finish with 5% synthetic colouring pigment in concrete	162	m2	15.00	2,430
13.21	<u>Waterproofing</u>				
13.22	Waterproofing to toilet and cleaner room	95	m2	55.00	5,225
13.23	<u>Skirting</u>				
13.24	Aluminium skirting to carpet floor	484	m	20.00	9,680
13.25	Coved skirting to vinyl floor	562	m	35.00	19,670
					225,985
14	Ceiling Finishes				
14.1	<u>Suspended ceiling</u>				
14.2	CT1 - Flush set plasterboard ceiling	211	m2	100.00	21,100
14.3	CT2 - Suspended timber soffit / ceiling lining, Supawood or equivalent with insulation above	651	m2	320.00	208,320
14.4	CT3 - Suspended perforated plywood ceiling Supawood NCK or equivalent with acoustic insulation above	669	m2	380.00	254,220
14.5	CT4 - Flush set fibre cement lining for amenities. James Hardie villaboard lining. Painted white	89	m2	120.00	10,680
14.6	CT5 - Mini orb ceiling with security mech	28	m2	150.00	4,200
14.7	ECS - Exposed Concrete soffit on ground level	156	m2	30.00	4,680
14.8	ECS - Exposed roof structure to first level	66	m2	165.00	10,890
14.9	Plasterboard bulkhead less 300mm high	8	m	250.00	2,000
14.10	Plasterboard bulkhead more than 300mm high	36	m	450.00	16,200
14.11	Allowance for plasterboard access panel	25	no	80.00	2,000

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Code	Description	Quantity	Unit	Rate	Amount
14.12	Allowance for timber access panel	60	no	250.00	15,000
14.13	<u>Painting</u>				
14.14	Paint to plasterboard ceiling	146	m2	30.00	4,380
14.15	Paint to fibre cement ceiling	89	m2	30.00	2,670
					556,340
15	Joinery				
15.1	J.T.01 - Sitting desktop, 800mm deep x 720mm high with 25mm thick laminated benchtop	23	m	1,200.00	27,600
15.2	J.T.02 - Storage unit, 650mm deep x 850mm high with 13mm thick compact laminate benchtop, 50% open/50% close shelving	13	m	1,200.00	15,600
15.3	J.T.03 - PAA wet area learning bench, 1200mm deep x 610mm high with 13mm thick compact laminate benchtop, sink and tap measured in hydraulic	4	m	2,500.00	10,000
15.4	J.T.04 - PAA wet area learning bench, 1200mm deep x 610mm high with 13mm thick compact laminate benchtop, sink and tap measured in hydraulic	8	m	2,500.00	20,000
15.5	J.T.05 - Full height storage cupboard with laminated swing doors and drawers	10	m	1,500.00	15,000
15.6	J.T.06 - Banquette seat, 450mm deep x 500mm high with high performance vinyl upholstery and foam backed seat	10	m	2,800.00	28,000
15.7	J.T.07 - Bag storage, 600mm deep x 1405mm high (3x5 pigeon holes) with laminated finish	18	m	1,500.00	27,000
15.8	J.T.08 - Window reading nooks with standing bench, 450mm high with high performance vinyl upholstery and foambacked seat	35	m	2,800.00	98,000
15.9	J.T.10 - Special program with sink bench, 650mm deep x 850mm high with 13mm thick laminate benchtop, sink and tap measured in hydraulic	8	m	2,000.00	16,000
15.10	J.T.11 - Full height storage with 50% pinboard and 50% writable to swing doors	11	m	1,800.00	19,800
15.11	J.T.12 - Dark room trough, 750mm deep x 850mm high with open pigeon holes below, chemical resistant PVC Gridmat finish, sink and tap measured in hydraulic	3	m	2,800.00	8,400
15.12	J.T.13a - Dark room bench, 600mm deep x 850mm high with 13mm thick compact laminate benchtop, floor cupboard, sink and tap measured in hydraulic	3	m	2,000.00	6,000
15.13	J.T.13b - Dark room bench, 600mm deep x 850mm high with 13mm thick compact laminate benchtop, floor cupboard	3	m	2,000.00	6,000
15.14	J.T.14 - Dark room bench, 600mm deep x 850mm high with 13mm thick compact laminate benchtop, floor cupboard	6	m	1,200.00	7,200
15.15	J.T.15 - Dark room bench, 600mm deep x 850mm high with 13mm thick compact laminate benchtop, floor cupboard	1	m	1,200.00	1,200
15.16	J.T.16 - Art trough bench, 730mm deep x 700mm high with stainless steel	3	m	1,500.00	4,500
15.17	J.T.17 - P.S shared PAA overhead storage, 350mm deep x 850mm high with laminated finish, 50% open /50% closed door	6	m	650.00	3,900
15.18	J.T.18 - P.S shared PAA bench nook, 650mm deep x 850mm high with laminate finish	2	m	1,200.00	2,400
15.19	J.T.19 - H.S VA recessed display case, 2100mm high with glass to front and laminated/melamine shelving	1	m	1,800.00	1,800
15.20	J.T.20 - Bleacher seating, 750mm deep x 450mm high with balckbutt solid timber	4	m	3,500.00	14,000
15.21	J.T.21 - Large sheet storage, 900mm deep x 1200mm high, stainless steel rack module	2	no	1,200.00	2,400
15.22	J.T.22 - P.S Built-in book case, open shelving and laminated finish	2	m	850.00	1,700
15.23	Toilet cubicle doors	15	no	850.00	12,750
					349,250

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16	Fitments				
16.1	<u>Window Blinds</u>				
16.2	Sunscreen blind to external window	504	m2	80.00	40,320
16.3	Blockout blind to external window	504	m2	180.00	90,720
16.4	<u>Toilet Fitments</u>				
16.5	TRH1 - Surface mounted toilet roll holder	14	no	150.00	2,100
16.6	TRH3 - Surface mounted toilet roll holder with hood	6	no	250.00	1,500
16.7	GR1 - 90 deg grab rail	4	no	110.00	440
16.8	GR2 - Accessible grab rail	1	no	380.00	380
16.9	GR4 - Graib rail to shower	1	no	110.00	110
16.10	GR5 - Drop down grab rail	4	no	445.00	1,780
16.11	CH1 - Robe hooks	19	no	50.00	950
16.12	HD1 - paper towel dispenser	6	no	790.00	4,740
16.13	HD2 - Hand dryer	3	no	1,250.00	3,750
16.14	MR1 - 350x950mm high mirror	3	no	350.00	1,050
16.15	SD1 - Accessible soap dispenser	6	no	110.00	660
16.16	SD2 - Soap dispenser	3	no	255.00	765
16.17	Seating bench to access shower	1	no	500.00	500
16.18	<u>Cleaner Fitments</u>				
16.19	Rack for bops & brooms	1	no	60.00	60
16.20	Coat hook	1	no	50.00	50
16.21	Metal adjustable shelving	1	no	150.00	150
16.22	<u>Accessories</u>				
16.23	WB2 - Mobile Whiteboard	1	No	3,426.00	3,426
16.24	WE1 - Whiteboard Easel	7	No	403.00	2,821
					156,272
17	Signage				
17.1	Building signage	1	item	2,500.00	2,500
17.2	Wayfinding sign	1	item	2,000.00	2,000
17.3	Room signage	58	no	250.00	14,500
17.4	Allowance for statutory signage	1	item	4,500.00	4,500
					PSUM
18	Hydraulic Services				
18.1	<u>Hydraulic services budget estimate dated 18 Feb 2019 provided by JHA</u>		note		
18.2	Hydraulic fixture connection (incl HWU, C/BWU)	1	item	61,050.00	61,050
18.3	Hydraulic pipe work infrastructure	1	item	53,922.00	53,922
18.5	Fire fixture	1	item	13,310.00	13,310
18.6	Fire pipework	1	item	10,643.00	10,643

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Code	Description	Quantity	Unit	Rate	Amount
18.7	Hydraulic work for new A/C scope	1	item	800.00	800
18.8	<u>Sanitary Fixtures (not included in above JHA estimate)</u>				
18.9	<u>Basins and sinks</u>				
18.10	VB3 - Access Vanity Basin (1 Tap Hole). Caroma 'Integra' 500 concealed integral trap basin with one tap hole and chrome brass waste - Model No: 648210W	3	no	800.00	2,400
18.11	SI 1 - Caroma single bowl sink	1	no	1,000.00	1,000
18.12	SI2 - 1200mm long x 400mm wide Wash Trough, including tapware	1	no	1,950.00	1,950
18.13	SI 2 - Wash Trough. Stainless steel wash/drinking trough to the PW Wallsend Pattern complete with support assembly, stainless steel splash back.	2	no	1,700.00	3,400
18.14	SI 13 - Stainless steel trough, 1500mm long x 440mm wide x 180mm deep	4	no	1,500.00	6,000
18.15	SI 14 - Caroma single bowl sink	3	no	1,000.00	3,000
18.16	SI 17 - Bucket sink including tapware	2	no	1,700.00	3,400
18.17	<u>Toilet suites</u>				
18.18	WC1 - Water closet assemblies, Caroma " School smart"	13	no	1,300.00	16,900
18.19	WC3 - Water Closet Assemblies (General Pupil). Caroma 'Cosmo Sovereign Care' suite - complete with 'Concorde' concealed trap pan. 'Sovereign Smartflush' 4.5 / 3 litre dual flush cistern and 'Caravelle Care' white double flap seat.	4	no	1,800.00	7,200
18.20	WC4 - Water Closet Assemblies (Access). Caroma 'Cosmo Care' (4 star) Pan Model Numbers 834400W (S trap pan) or 834450W (P trap pan), 4.5 / 3 litre dual flush with backrest	1	no	1,800.00	1,800
18.21	<u>Shower fittings</u>				
18.22	SR3 - Shower head to Sports Showers	1	no	350.00	350
18.23	<u>Floor Wastes</u>				
18.24	FW1 - Floor Waste & Vinyl Floor Waste. Round Floor Grate Product Code: 303172X	5	no	380.00	1,900
18.25	<u>Taps and mixers</u>				
18.26	TP4 - Wash Trough Tap. Enware TFC 745P auto shut off push button finished	12	no	550.00	6,600
18.27	TP10 - Access Basin Tap. Enware single lever basin mixer SLM606D-6 chrome plated with disabled lever 180mm long (with yellow blue indicator labels)	3	no	600.00	1,800
18.28	TP17 - Enware cock tap	2	no	340.00	680
18.29	TP33 - Enware PAA tap	4	no	1,740.00	6,960
18.30	TP39 - Enware bench tap	4	no	500.00	2,000
18.31	TP41 - Dark Room trough tap	1	no	500.00	500
18.32	BWU1 - Boiled & Chilled Water Mixer	4	no	4,500.00	18,000
18.33	<u>BWIC</u>				
18.34	BWIC - 3%	1	item	6,766.95	6,767
					232,332
19	Electrical Services				
19.1	<u>Electrical services budget estimate dated 22 Feb 2019 provided by JHA</u>		note		
19.2	Lighting and emergency lighting	1	item	318,897.00	318,897
19.3	Power installations	1	item	127,571.00	127,571
19.4	Data installations	1	item	67,917.00	67,917

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Code	Description	Quantity	Unit	Rate	Amount
19.5	Security system	1	item	21,418.00	21,418
19.6	PV solar system	1	item	84,500.00	84,500
19.7	<u>BWIC</u>				
19.8	Builder's work - 3%	1	item	18,609.00	18,609
					638,912
20	Mechanical Services				
20.1	<u>Electrical services budget estimate dated 18 Feb 2019 provided by JHA</u>		note		
20.2	Mechanical works	1	item	565,000.00	565,000
20.3	<u>BWIC</u>				
20.4	Builder's work - 3%	1	item	16,950.00	16,950
					581,950
21	Vertical Transport				
21.1	<u>Lift budget estimate dated 16 Feb 2019 provided by ANB Lift consultants</u>				
21.2	Allowance for lift	1	no	110,000.00	110,000
21.3	<u>BWIC</u>				
21.4	Builder's work - 3%	1	item	3,300.00	3,300
					113,300
22	Fire Services				
22.1	<u>Electrical services budget estimate dated 18 Feb 2019 provided by JHA</u>		note		
22.2	Wet fire system	1	item	12,000.00	12,000
22.3	Design management - 15%	1	item	1,800.00	1,800
22.4	Contingencies - 10%	1	item	1,380.00	1,380
22.5	<u>BWIC</u>				
22.6	Builder's work - 3%	1	item	455.00	455
					15,635
23	External Works				
23.1	<u>Trees and Palms</u>				
23.2	River Birch 200L	4	No	1,000.00	4,000
23.3	Summer Red Corymbia 300L	10	No	1,500.00	15,000
23.4	Australian Willow Tree 400L	1	No	2,000.00	2,000
23.5	Luscious Water Gum 200L	5	No	1,000.00	5,000
23.6	Protection to existing trees	1	No	45.00	45
23.7	<u>Garden Bed</u>				
23.8	GB - New garden bed with new mulch and soil to match existing garden bed	919	m2	70.00	64,330
23.9	Lawn - Turf to match existing	223	m2	25.00	5,575
23.10	Irrigation for the above	1,142	m2	5.00	5,710
23.11	<u>Other item related to Landscaping</u>				

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Code	Description	Quantity	Unit	Rate	Amount
23.12	E1 - 100 x 50mm treated pine timber edge	58	m	100.00	5,800
23.13	TP - (size) 550 x 950mm 6mm resin bound granite stone set porous tree pit	2	No	150.00	300
23.14	<u>Paving</u>				
23.15	P1 - Concrete broom finish paving including saw cut and expansion joints to engineer's details	579	m2	120.00	69,480
23.16	P2 - 6mm resin bound granite stone set porous paving	7	m2	150.00	1,050
23.17	<u>Timber Deck</u>				
23.18	TD - Innwood "Cinnamon" or equivalent composite timber deck	117	m2	350.00	40,950
23.19	<u>Concrete Walls</u>				
23.20	W1 - 500mm wide insitu concrete stepped wall (assumed 350mm high)	80	m2	355.00	28,400
23.21	W2 - 200mm wide insitu concrete wall (assumed 600mm high)	8	m2	250.00	2,000
23.22	W3 - 500mm wide insitu concrete seating wall (assumed 600mm high)	6	m2	400.00	2,400
23.23	W4 - 200mm wide insitu concrete planter wall (assumed 6000mm high)	9	m2	250.00	2,250
23.24	<u>Staircase</u>				
23.25	1270mm wide staircase	1	No	10,000.00	10,000
23.26	1380mm wide staircase	1	No	11,000.00	11,000
23.27	2340mm wide staircase	1	No	18,000.00	18,000
23.28	3320mm wide staircase	1	No	28,000.00	28,000
23.29	<u>Handrails</u>				
23.30	HR - 42mm outside diameter galvanised double handrail	13	m	250.00	3,250
23.31	<u>Tactile Indicators</u>				
23.32	TGSI - Stainless steel tactile ground surface indicator with black carborundum	11	m2	250.00	2,750
23.33	<u>Fencing</u>				
23.34	FE1 - 2100mm high fence - Powdercoated steel fence, stepped to follow contours, 2100mm high, 50mm gap below, vertical bars to posts, Leda Referrn FR26 fencing or similar, colour; Ironstone	9	m	220.00	1,980
23.35	FE2 - 800mm high fence to driveway, carpark and internal - Powdercoated steel fence, stepped to follow contours, 800mm high, vertical bars to posts Leda Sports FSR fencing or similar, colour; Ironstone	80	m	120.00	9,600
23.36	<u>Gates</u>				
23.37	Extra over for FE1 single swing gate	1	No	2,500.00	2,500
23.38	Extra over for FE1 double swing gate	1	No	5,000.00	5,000
23.39	Extra over for FE2 double swing gate (assumed manual operated)	3	No	1,200.00	3,600
23.40	<u>Carpark</u>				
23.41	Open car park including bitumen paving, kerbs, stormwater drainage, lighting and minor landscaping	845	m2	185.00	156,325
23.42	Car park entrance/exit including bitumen paving, lighting and minor landscaping	60	m2	170.00	10,200
23.43	Allowance for pedestrian crossovers		note		N/A
23.44	Allowance for vehicle crossovers	1	item	15,000.00	15,000
23.45	Allowance for tying in paving to existing roads	1	item	5,000.00	5,000
					536,495
24	External Services				

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Code	Description	Quantity	Unit	Rate	Amount
24.1	<u>Budget provide by JHA dated 25/03/2019</u>				
24.2	Electrical service for car park and learning building	1	item	94,000.00	94,000
24.3	Hydraulic service for car park and learning building	1	item	5,000.00	5,000
24.4	<u>Site-wide Stormwater reticulation (incl OSD tank)</u>				
24.5	27m3 OSD tank including concrete, formwork and reinforcement	1	no	57,000.00	57,000
24.6	225mm dia. stormwater pipe	213	m	174.00	37,062
24.7	100mm dia. subsoil pipe	172	m	66.00	11,352
24.8	Grate drain with mild steel heel guard grate and frame	3	m	276.00	828
24.9	Flushing point	7	no	115.00	805
24.10	Intermediate riser	14	no	130.00	1,820
24.11	900 x 900mm class D surface inlet pit with galvanised mild steel grated hinged to frame	7	no	2,250.00	15,750
24.12	900 x 900mm 'V' shape class D surface inlet pit with heelguard galvanised mild steel grated hinged to frame	4	no	2,500.00	10,000
24.13	600 x 900mm class D kerb inlet pit with galvanised mild steel grate hinged to frame	1	no	2,200.00	2,200
24.14	Sediment and erosion control fence	333	m	25.00	8,325
24.15	Sundries	1	item	270.00	270
24.16	Allowance for connecting to existing pits	1	item	1,500.00	1,500
					245,912

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