

Architect's report no.8

architectus™

project	WAITAKERE CIVIC CENTRE	file ref	0311-F06-008-JM
job no.	0311	date	15-08-05
client	WAITAKERE CITY COUNCIL		

1.0 Client/Brief

- Work on the artworks is ongoing. A program has been supplied by the artworks team and this has been reviewed by Canam.
- With regard to the carpet artworks the general carpets have been confirmed and work has commenced on the specific designs for each area.
- The finishing kitchens have now been completed and issued for pricing.
- Prices have also been received to change a number of taps to infrared and to also to run gas to the level 6 kitchen.

Architecture
Urban Design
Planning
Interior Architecture

2.0 Design Issues

- Work is proceeding on the design of the carpark lighting.
- The redesign of the level 2 plant deck is complete and drawings have been issued.
- The redesign of the Link Bridge canopy roof is complete and has been issued. There are still issues to be resolved on the Link Bridge itself as a result of changes to the sections of the Link Bridge over the rail corridor.
- Co-ordination of interface issues with WPL is ongoing. Issues include street lighting, services to the Civic Square and the interface with the Japanese Garden.
- The external colour scheme is 90% complete and has been approved and a schedule of finishes has been issued to Canam.
- Preliminary cabinetry drawings have been reviewed and an amended set is to be issued for approval and construction.

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Patrick Clifford
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3.0 Value Management

- Work is nearly complete on the items originally identified. These have yielded some good savings.

Consultant:
John Sinclair

4.0 Coordination

- We are continuing to work with Canam and the various consultants and sub-contractors to ensure co-ordination of the building works. This includes meeting with the sub-contractors and the ongoing shop drawing review process.

Auckland
Brisbane
Melbourne
Shanghai
Sydney

5.0 Programme

- Canam are reporting that they are still on program.
- The erection of the precast elements of the Admin building is nearly complete. The structural steel for the roof is on site ready for placement.
- Concrete work at level 4 of the Civic Wing, the 'Green Roof', is generally complete.
- Erection of the structural steel around the Council Chamber is generally complete. Work has commenced on the roof framing and installation of the plywood for the membrane roof.
- The first windows for the Chamber are expected to be installed this week.
- Work is proceeding on the single level buildings which includes the services block, the loading bay, and computer room.

6.0 Shop Drawings

- The shop drawings for the final precast panels are expected this week.
- Shop drawings for the windows are still be issued for review.
- A number of the services such as the fire sprinklers are currently under review.

Canam Construction: Waitakere Civic Centre

Contractors Report :18th August 2005

Report Period : 4/8/05 to 18/8/05

Prepared by : Nick Page

Date of report : 18/8/05

1.0 Contract status

- 1.1 Contract acceptance letter received 7 October 2004.
- 1.2 Insurance Policy cover notes sent on ATC No6 18/10/04. Insurance is effective from 26/10/04.
- 1.3 Bond - The contractors bond has been issued.
- 1.4 Agreed Contract Commencement date – 3 November 2004
- 1.5 Original Completion date – 12 April 2006
- 1.6 Extension of Time Approved –30 days.
- 1.7 Approved completion date – 29 May 2006.

2.0 Financial

- 2.1 Last Claim Submitted- Our ninth claim was submitted on 3/8/05.
- 2.2 Certificate due date –17/8/05
- 2.3 Payment due date – 24/8/05
- 2.4 Outstanding payment issues – Nil
- 2.5 Variations – We are progressively providing pricing for variations & VPR's. Because of the continuing large volume of instructions there is a backlog of generally minor variations requiring pricing and approval and we continue to progressively deal with these as resources permit. We are using an additional junior QS to assist with the processing of these CIs.
- 2.6 We have confirmed the first signed off variation schedule.

3.0 Territorial authorities

- 3.1 Certifying Authority - Waitakere City Council
- 3.2 Building Consent Issues – Issued 2 November 2004 excluding drainage. The drainage consent was issued on 2 December 2004.
- 3.3 Resource Consent issues – We have received the allocation of issues to the parties (CI 41G) and are dealing with those identified for Canam.
- 3.4 ARC inspections – We have had an ARC inspection and they were satisfied with the state of the site and the ongoing measures in place.

4.0 Programme Status

- 4.1 Construction Start Date -- 3 November 2004
- 4.2 Projected Construction Completion Date – 29 May 2006.
- 4.3 An Updated Contract Programme showing progress to date is attached. Progress over the last two weeks has again been as required by our construction program, the weather hasn't had any major impact on our progress and we are still expecting to meet our projected completion date
- 4.4 The siteworks program has been issued for comment. There will be a minor delay in commencement of some of the programmed work due to additional items being precast on the bed, delaying the date for its final removal.

4.5 Construction Progress

Site Establishment

Canam site establishment is complete. Site roading work is on ongoing as required for plant access.

Foundations

Foundation & ground slab work to the link area is continuing.

Panels

169 on site panels have been cast to date and the majority of these have been erected. Casting of further panels is continuing. Production of exposed aggregate panels is progressing and panels are being delivered as required.

Structure Admin Tower

The majority of the Level 6 floor slab has been poured. Work to the Grid A15 stair is almost complete and Grid A5 stairs is progressing. Stair 5 has been completed.

Structure Link

The base of the service area has been poured and the first of the panels in the vicinity of the link bridge placed.

Structure Civic

The structure to the Civic is now complete except for minor and remedial work.

Carpentry & Fitout Admin

Framing of the L1 soffit to the admin is complete except for the underpass area. Work to the L1, L2 and L3 external walls is proceeding. Framing work to Core 1 on Level 2 and 3 are also underway.

Carpentry & Fitout Civic

Framing to the L1 external walls is almost complete. Framing to the L2 external walls is underway. Framing to the internal timber walls on L1 is complete & level 2 has commenced. Roof carpentry is well underway.

Drainage

The current main drainage work is now complete, including installation of the main storage tank. The balance of the drainage work on the Smythe Rd end of the site has recommenced.

Structural steel

Admin structural steel is complete on Stair 1 and the posts on Gridline AA are proceeding. Additional steel has been fabricated and is on site awaiting erection once the concrete structure is sufficiently advanced. Erection of the structural steel to the roof of the Civic building is now complete except remedial items.

Windows & Cladding

The first windows have been fitted in the Admin. Brickwork on Gridline AD is now well underway.

Services

Shop drawings for Mechanical, Fire & Security are progressing. The level 1 & 2 drawings are now coordinated and complete and work is progressing on the balance of the drawings. First fix of services is progressing on L1 - L3 in the Admin & L1 and L2 in the Civic.

4.6 Planned for the next three weeks.

List of items planned to commence or continue in the next three weeks;

- On site Panel Casting continuing & virtually complete.
- Completion of the main L6 admin structure
- Commence of the L7 plant slab structure
- Erection of the grid AA façade steelwork
- Construction of the stairs at grid A5.
- Continuation of waterproofing and brickwork on Admin grid AD.
- Continuation of block work to service shafts
- Carpentry to L1 to L3 admin continuing
- Link area footings & panel erection continuing
- Continuation of the Civic roof carpentry
- Commencement of roof waterproofing to Civic
- Completion of the L4 Civic plant room framing
- Continuation of first fix to L1 – L3 services
- Carpentry to the exterior walls to Admin L1 – L3
- Commencement of installation of windows to the Civic building

5.0 Subcontractor's engaged

- 5.1 Subcontractors engaged since the last report;
 Carpet & Flooring - Lovich Flooring

6.0 Weather conditions / delays

- 6.1 General weather conditions during last fortnight --. The weather during the last 2 weeks has been generally good.
- 6.2 Days lost due to inclement and/or adverse weather conditions in last period – Production has not been significantly affected.

7.0 Health & Safety

- 7.1 Accidents during last period – One. A scaffolder was hit on the ear by a connector dropped by another scaffolder and required stitches. Approximately half a man day was lost.
- 7.2 We had a Graffiti attacks in stair one last weekend.

8.0 Information required / outstanding

- 8.1 Value Management Issues – Work is ongoing.
- 8.2 Other Outstanding issues -- Refer minutes of Technical Issues meeting 11 August 2004 for a listing. Significant issues requiring urgent reply include the following list. Some of these issues are now nearing the point where critical path delays will be caused if final resolution is not achieved very shortly.

Revised drawings for the council chamber entry area and door (Critical)

Final Computer room layouts

Off Site connection of Stormwater System – Our siteworks program indicates that we will be connecting DP's to the stormwater system from October and will require some connection from the drainage system to be in place at that time.

Revised car park layout and details (Critical)

Car park lighting requirements

Joinery details, including the associated services and noggings are still outstanding. (Becoming Critical)

Main incoming power cable & gas and telecom route confirmation (Critical)

Colour Schemes – We are urgently awaiting colours for the final exterior elements & internal colour schemes which are now overdue. (Critical)

Final detailing of the battening and trims to the curved council chamber wall

FINANCIAL REPORT



RAWLINSONS

REPORT NO: Nine
 PROJECT: Waitakere Central - Civic Centre
 CONTRACTOR: Canam Construction Ltd
 FOR PERIOD ENDING: TBA

QUANTITY SURVEYORS
 CONSTRUCTION CONSULTANTS
 COST ENGINEERS

CONTRACT DETAILS				
Programme:	Financial			
Commencement:	26 October 2004	Contact Sum:	\$	36,286,199.32
Completion:	4 April 2006	Last Valuation Date:		31 July 2005
Contract Period :	350 working days	Amount of last valuation (gross): *	\$	12,547,205.06
Extension of Time (revised completion)	29 May 2006	* Note - the above amount is based on Canam progress claim 09 and not on the actual amount approved		
Revised Contract Period	380 working days			
Percentage of programme elapsed	52.94			
	ORIGINAL CONTRACT VALUE	ESTIMATED EXPENDITURE TO DATE	ESTIMATED FUTURE EXPENDITURE	ESTIMATED FINAL CONTRACT VALUE
Construction Cost	\$ 34,201,179.32	\$ 11,945,561.91	\$ 22,255,617.41	\$ 34,201,179.32
Provisional Quantis	inc above			
Monetary Allowances	\$ 1,734,160.00	\$ -	\$ 1,612,260.00	\$ 1,612,260.00
Additional Items	\$ 281,960.00	\$ -	\$ 281,960.00	\$ 281,960.00
Art Schedule	\$ 68,900.00	\$ -	\$ 68,900.00	\$ 68,900.00
Sub Total	\$ 36,286,199.32	\$ 11,945,561.91	\$ 24,218,737.41	\$ 36,286,199.32
Variation Price Request		\$ 281,452.95	\$ -	\$ 281,452.95
Contract Instructions		\$ 675,732.17	\$ -	\$ 675,732.17
Estimated Contract Expenditure	\$ 36,286,199.32	\$ 12,902,747.03	\$ 24,218,737.41	\$ 37,621,422.53
Adjusted Nett over / under Expenditure				\$ 335,235.12

Waitakere Central - Civic Centre**TRADE SUMMARY**

Element	Value	% comp	Value Comp
P&G	\$3,111,496.00	60.05%	\$1,868,451.46
Exc & Filling	\$183,702.00	66.53%	\$158,953.49
Piling	\$956,131.00	100.00%	\$956,131.00
Concrete Work	\$2,797,147.00	87.19%	\$2,438,907.59
Precast Concrete Supply & Erect	\$3,850,242.00	85.73%	\$3,300,954.52
Reinforcing Steel	\$633,049.00	59.16%	\$374,480.50
Structural Steel	\$590,886.00	61.93%	\$365,939.81
Brickwork	\$420,015.50	7.03%	\$29,528.12
Blockwork	\$207,375.00	41.08%	\$85,184.12
Metalwork	\$373,750.00	0.00%	
Glazing to metalwork	\$143,047.00	0.00%	
Aluminium Windows & Doors	\$1,968,790.00	16.83%	\$331,370.24
Louvres	\$742,110.00	0.00%	
Carpentry & Linings	\$2,496,182.00	2.19%	\$54,708.47
Joinery	In Monetary Allowances	-	
Internal Doors	\$436,125.14	0.00%	
Hardware	\$151,452.90	0.00%	
Proprietary Partitions	\$165,925.00	0.00%	
Toilet Partitions	\$38,115.00	0.00%	
Roofing - Metal	\$134,246.00	20.19%	\$27,100.00
Cooper	\$130,396.39	0.00%	
Membrane	\$235,340.50	0.00%	
Access System	\$65,000.00	0.00%	
Plumbing	\$540,159.22	16.83%	\$90,924.80
Drainage	\$284,650.00	103.05%	\$293,334.00
Mechanical	\$3,417,900.00	12.01%	\$410,378.90
Fire Services	\$554,444.00	8.23%	\$45,646.00
Lifts & Escalators	\$525,950.00	4.67%	\$24,547.50
Electrical	\$2,656,760.00	11.92%	\$316,553.01
Data, MATV & PA	\$424,795.61	0.00%	
BMS	In Mechanical	-	
Security	\$322,137.60	18.97%	\$61,104.00
Generator	In Electrical	-	
Suspended Ceilings	\$862,228.15	0.00%	
Tiling	\$228,640.00	0.00%	
Floor Finishes	\$794,270.00	0.00%	
Painting	\$861,983.00	4.08%	\$35,200.50
Glazing	\$15,293.00	0.00%	
Siteworks	\$945,529.50	0.00%	
Landscaping	In Monetary Allowances	-	
SUB TOTAL	\$32,265,263.51	34.93%	\$11,269,398.03
Margin (6%)	\$1,935,915.81		\$676,163.88
	\$34,201,179.32		\$11,945,561.91

Waiakere Central - Civic Centre
 VARIATIONS SUMMARY

- A Contract interpretation not involving any cost
- B Variation for immediate action (price submitted 1 month)
- C No work to proceed until cost agreed

- VE Secondary Vibration Isolation
- VE Value Engineering
- VO General Contract Variations

VP/RI/AT/CI No.	VO No.	CI No.	Description	Estimated	Submitted	Agreed	Status / Comment	FR No 9	FR No 8	Diff. 9 & 8
			Monetary Allowances							
			Omit Pro' Sum for diverting the 525 dia pipe	-121,500.00				-121,500.00	21,500.00	0.00
			Variations Price Requests							
001			Bentolite installation			14,858.83	Agreed see C162.1	0.00	0.00	0.00
002		191	Lighting Plugs				ATC 146	14,858.83	0.00	-14,858.83
003		552.1.0	Tiling	25,000.00			ATC 434 / waiting add panel	25,000.00	25,000.00	0.00
004		209	Chamber Wall - Revised Structure				Budget only - without ATC	2,120.00	0.00	2,120.00
005	5	367.1.0	Rubber Fads		2,120.00		Supersede	0.00	0.00	0.00
006			Alternative Bricks Types				Supersede CI 330.1	0.00	0.00	0.00
007			Exposed Aggregate Panels				ATC 416	5,300.00	5,300.00	0.00
008		416.6.0	Level 3 Link Bridges Roof			4,346.00	ATC 469	4,346.00	0.00	4,346.00
009			Floor boxes					0.00	0.00	0.00
010		581.2.0	Incoming Electrical Ducts				ATC 669 - awaiting Canam's details	5,126.00	0.00	5,126.00
011		463.6.0	Revised Tender Price			3,059.61	ATC 154&160 & 561	17,850.00	0.00	-14,790.39
011.1			Prices for Tender tags 4 & 5	17,850.00			ATC 60 & 681	17,850.00	0.00	-17,850.00
011.2		463.6.1	Revised Camentry price			1,745.82		1,745.82	1,745.82	0.00
011.3			Additional Data Points			2,257.80	ATC 756	2,257.80	0.00	2,257.80
012		604.1.0	Green Roof system				ATC 416	1,590.00	0.00	1,590.00
013			Panel 19's Finish				Without ATC	1,590.00	0.00	1,590.00
014		536.8.0	Fire Dampers			33,050.00		33,050.00	0.00	-33,050.00
015			Louvers Finishes					0.00	0.00	0.00
016		536.8.0.1	Level 7 Plant Deck			12,595.60	ATC 593 & CMM 116	12,595.60	12,595.60	0.00
017		194.1	Additional Items list				Awaiting final design	0.00	0.00	0.00
018		536.8.0.3	Mechanical essential supply			890.40	ATC 593 & 598 & CMM 116	890.40	890.40	0.00
019.1		536.8.0.4	Computer room normal & emergency cooling load			46,078.20	ATC 593 & CMM 116	46,078.20	46,078.20	0.00
019.2			Pir control			No cost	ATC 593 & 598 (not changed)	0.00	0.00	0.00
020		403	ATC 581 - Electrical variations				See CI 409	0.00	0.00	0.00
020.2		626.2.0	Cable Tray Changes			8,104.02	ATC 690	8,104.02	0.00	8,104.02
021			Revised mech services supplies					0.00	0.00	0.00
022			Carpet option 1	xxxxxxx	xxxxxxx	xxxxxxx	Superseded by VPR 035	0.00	0.00	0.00
023			Carpet option 2	xxxxxxx	xxxxxxx	xxxxxxx	Superseded by VPR 036	0.00	0.00	0.00
024			Vision strips' basic design					0.00	0.00	0.00
025			Fuelling station					0.00	0.00	0.00
026.1			ATC 592: Trox jet diffusers Delete the originally				ATC 693 - awaiting advice	0.00	0.00	0.00
026.2			Replace with Trox DUK-V-160 jet diffusers					0.00	0.00	0.00
027.1			Single line diagram				CI 348.1	0.00	0.00	0.00
028.1			Gas services				ATC 611	22,412.64	0.00	22,412.64
029.1		544.1.0	AV system				ATC 681 \$38,896.70	0.00	0.00	0.00
030			Waste water connection				ATC 694 - awaiting final design	16,207.00	16,207.00	0.00
031.1			Revised single line diagram				ATC 619 & CMM CAN 142	0.00	0.00	0.00
032.1		536.1.0	Star 5, levels 5 to 6					0.00	0.00	0.00
033.1		538.1.2	WC pans and cisterns in non-accessible WC				ATC 815	19,974.00	0.00	19,974.00
033.2			in accessible WC					0.00	0.00	0.00
034.1			Downpipes					0.00	0.00	0.00
035		617.1.0	Carpet proposal B - item 1.3				Extra cost	13,437.62	13,437.62	0.00
036		617.1.0	Carpet Proposal A - item 1.0					0.00	0.00	0.00
037			Bathrooms Faucets			40,964.44		40,964.44	15,000.00	25,964.44
038-Rev B			Civic Wing pergola			5,292.21		5,292.21	0.00	5,292.21

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Waitakere Central - Civic Centre
 VARIATIONS SUMMARY

- A Contract interpretation not involving any cost
- B Variation for immediate action (price submitted 1 month)
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VIB Secondary Vibration Isolation
 VE Value Engineering
 VO General Contract Variations

VP/ATC/CI No.	VO No.	CI No.	Description	Estimated	Submitted	Agreed	Status / Comment	FR No 9	FR No 8	Diff. 9 & 8
ATC 175			Additional Items Issue Architectural Rev C drawings	60,000.00			Based on Canam ATC 175	60,000.00	60,000.00	0.00
ATC 245			Underfloor Duct Omit Additional Items for Under Slab Ducts			-63,800.00				0.00
ATC 446			Electrical service variations Construction issue drgs		5,119.87		See also ATC 450	5,119.87	5,119.87	0.00
ATC 429			MATV system		3,156.00		James to confirm	3,156.00	3,156.00	0.00
ATC 364			Additional doors (for Construction issue drawings)				Superseded by CI 572	0.00	5,500.00	5,500.00
ATC 366			Alternative light fittings			17,923.56	\$20,321.96 savings submitted (prov)	17,923.56	17,923.56	0.00
ATC 152			Value Engineering Floor Vents + Floor box trims		-14,100.00		Engineer to issue CI	-14,100.00	-14,100.00	0.00
ATC 593			Revised Acoustics P.C. Sum		3,148.20		see CIM116	3,148.20	3,148.20	0.00
ATC 372			Change to jet diffusers		5,989.00		ATC372 additional to CI42.1.1	5,989.00	5,989.00	0.00
			Apply frosted film to glass smoke baffles	212,000.00			CI 331.1.0 Waiting final design	212,000.00	212,000.00	0.00
			Bridge revised roof design + Omit neg Monetary Allowances (sched item 3229)	xxxxxxx	xxxxxxx		Included in CI 615	0.00	25,895.27	25,895.27
			Web forged grating grid AA			24,472.22		24,472.22	24,472.22	0.00
			Precast Half beams	xxxxxxx	xxxxxxx		Included in CI 550	0.00	24,885.50	24,885.50
			Revised edge detail	18,600.00			Canam to submitted \$28,377.26	18,600.00	28,377.26	5,296.59
			Joint between precast panel wall 10 mm to 16mm	5,000.00				5,000.00	5,000.00	0.00
			Grout treatment	18,974.00				18,974.00	18,974.00	0.00
			Sundry							
			Contract Instructions			408.10		408.10	408.10	0.00
7.1.1		B	Excavate to expose pipe at grid C11	500.00						0.00
9.1		B	Omit Exposed aggregate to foundation beam		4,852.15		Waiting Canam price breakdown	4,852.15	4,852.15	0.00
17.1		B	Excavate to locate the 525 SW line	500.00				500.00	500.00	0.00
22.1		B	Work to locate the buried manhole			-102,758.40				0.00
26.1		A	Appointment of Airpro for mechanical services		2,819.60		Margin included	2,819.60	2,819.60	0.00
27.1.1		B	Bentonite to piles 46 & 51		100.78		Canam ATC 63	100.78	100.78	0.00
27.2		B	Vibration testing on 4 no. piles		266.00			266.00	266.00	0.00
27.2.1		B	Lay 100 thick concrete slab on fill for vibration testing							0.00
29.1		B	Clay removal		3,213.92		Awaiting Canam's details	3,213.92	3,213.92	0.00
29.2		B	Redundant pipe removal		4,865.40		Awaiting Canam's details	4,865.40	4,865.40	0.00
29.3		B	Remove existing foundations		8,995.69		Awaiting Canam's details	8,995.69	8,995.69	0.00
29.4		A	General note ref the above		2,906.52		Awaiting Canam's details	2,906.52	2,906.52	0.00
31.1		A	Stormwater storage tank			-5,173.00	ATC 49 & 240	-5,173.00	-5,173.00	0.00
40.1		A	Clay contaminated hard fill		2,557.78		Awaiting Canam's details	2,557.78	2,557.78	0.00
42.1		B	Locally grown Saligna to be used for level 6 jacking		2,270.52		ATC 758	2,270.52	2,270.52	0.00
42.1.1		B	Glass smoke baffles - 4mm toughened glasses to be used				ATC372 exc frosted film			0.00
42.2		B	Painted plasterboard in lieu of perforated ply ceiling to lift lobbies (level 2-6)		20,357.28		ATC 386	20,357.28	20,357.28	0.00
42.1.3		B	Painted plasterboard in lieu of perforated ply ceiling to entry (level 1)		32,442.00		ATC 462	32,442.00	32,442.00	0.00
44.1		B	320 kVA generator		17,954.28		ATC 48	17,954.28	17,954.28	0.00
50.1		B	Lay 100 thick concrete slab on fill for vibration testing		292.56			292.56	292.56	0.00
51.1		B	Vertical cable trays		2,395.43		ATC 64	2,395.43	2,395.43	0.00
52.1		B	Delere sump pumps from all 5 no lift pits. Add moisture sensors		62,739.29			62,739.29	62,739.29	0.00
60.1		B	Revised piling drawing PPV1 283 Rev A		58,442.88		VPR 01 & ATC 123	58,442.88	58,442.88	0.00
62.1		A	Bentonite specification		1,000.00			1,000.00	1,000.00	0.00
64.1		B	525 Dia line carry out excavation as AR CAN 40			34,859.92	ATC 639			0.00
65.2		B	Delere DPI around foundation footings		1,583.64		Awaiting Canam's details	1,583.64	1,583.64	0.00
66.1		B	Response to ATC 71: Precast panel shop drawings		884.04		Awaiting Struct' Eng' response	884.04	884.04	0.00
67.1		A	AR CAN 46 in response to ATC 70 - cast in terms in panels				ATC 152			0.00
CM1			Plumbing acoustics (Neil Bradley Fax 10/12/04)							0.00
102.1		B	Voice Patch chords		13,460.94			13,460.94	13,460.94	0.00
117		B	Stages 1 to 4 Suspend slab drawings		165,528.92		Canam ATC 218	165,528.92	165,528.92	0.00

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- VE Value Engineering
- VO General Contract Variations

VPR/ATC/CI No.	VO No.	CI No.	Description	Estimated	Submitted	Agreed	Status / Comment	FR No 9	FR No 8	Diff. 9 & 8
117			B Stages 1 to 4 Suspended slab drawings			3,934.72	Canam ATC 513	3,934.72	3,934.72	0.00
120			B Shell beam & Unispan connections				Awaiting Canam's details			0.00
123			A Issue Site water service layout drawing rev C1							0.00
124			B Revised drainage scheme			167,900.29	ATC 233, 240 & 255	167,900.29	167,900.29	0.00
128.1			B Ground floor slab reduced thickness			15,322.53	Canam ATC 418 & 433	15,322.53	15,322.53	0.00
150.1			B Setout of ducts			100,228.30	ATC 371	100,228.30	100,228.30	0.00
154.2			B Change in size of steel pipe	200.00		200.00	Re-measure on completion	200.00	200.00	0.00
163.1			B Herdfill around foundations			2,120.00		2,120.00	2,120.00	0.00
163.2			B Provide black woad mat			307.40		307.40	307.40	0.00
176.1			B Vibration test pad removals							0.00
191	2	191	VO Light fittings plug top savings	xxxxxxx	xxxxxxx	xxxxxxx	Included in VPR 02 & list No 1	0.00	0.00	0.00
209	4	209	VO Proceed with the chamber wall - Structural changes	xxxxxxx	xxxxxxx	xxxxxxx	Included in VPR 04	0.00	2,120.00	2,120.00
211			B Underslab drainage change (CAN 030)			2,729.50	ATC 656	2,729.50	2,729.50	0.00
223.2			B Comms and power riser to main duct connections			255.46		255.46	255.46	0.00
224.1			B Panel 1 reinforcing details			1,228.54		1,228.54	1,228.54	0.00
225			A Finishes details to panels 1 & 2							0.00
231			B Downpipe Delete							0.00
239			B Exposed Agg panel 17, 18, 19 & 20			10,272.46	ATC 254	10,272.46	10,272.46	0.00
241			B Power & data PVC ducts between Grid A5 & A8			1,695.32	ATC 568	1,695.32	1,695.32	0.00
259			B Exposed Agg Panels - shop drawings			746.24	ATC 217	746.24	746.24	0.00
252			B Response to ATC273: Underslab duct			342.08		342.08	342.08	0.00
260.2			B Floor diffusers							0.00
266.2			B Brick Upstand (suspenses C1246)			4,200.00	Gridline AD to A11 only	4,200.00	4,200.00	0.00
267.2			B Resource consent - Removal of 5 protected trees			1,696.00	Further information re measure	1,696.00	1,696.00	0.00
276.1.0			B Resource consent - Removal of gas valve and associated services			1,219.00	Further information re measure	1,219.00	1,219.00	0.00
275.1.1			B Track level survey	500.00		500.00		500.00	500.00	0.00
283.1.0			A Underground Water Storage Tank			1,189.53	More information	1,189.53	1,189.53	0.00
294.1.0			B Access Hatches to L1 Underfloor Duct			2,466.71	ATC 600	2,466.71	2,466.71	0.00
297.1.0			B Waterproofing to Lift pits			8,041.62	ATC 461	8,041.62	8,041.62	0.00
301.2.0			B Power Outlets for FIRE SERVICES							0.00
321.1.0			B Underslab Outlet Box Insulation			500.00		500.00	500.00	0.00
323.1.0			B Brick Types			2,000.00		2,000.00	2,000.00	0.00
330.1.0			B Canopy to Link Bridge Over Glazing			13,000.00	ATC 650 - Waiting Canam confirmation	13,000.00	13,000.00	0.00
331.1.0			B Japanese Garden Power & Water				Included margin			0.00
334.1.0			B Additional Data Ports			83.32		83.32	83.32	0.00
341.1.0			B Amendment to building consent ABA 20042902-Drainage			7,000.00		7,000.00	7,000.00	0.00
344.1.0			B Revised services drawing, submains			5,000.00		5,000.00	5,000.00	0.00
348.1.0			B Structural Steel grid line AA			7,000.00		7,000.00	7,000.00	0.00
353.1.0			B Height of brickwork			5,000.00		5,000.00	5,000.00	0.00
355.2.0			B Pink Insulation			1,000.00	ATC 148	1,000.00	1,000.00	0.00
357.2.0			B Blockwork Starter							0.00
358.1			B Delete Ground Beam			5,245.94	ATC 573 - Trade concrete work	5,245.94	5,245.94	0.00
365.1			B Response to ATC 430 / floor boxes			5,166.66	AV system - ATC 702	5,166.66	5,166.66	0.00
367.2			B Conduits required to each floor box for AV cable							0.00
367.2.1			B Response to ATC 430 (Floor Box) (1) Floor Box Material			766.80	Ad. floor boxes & outlets - ATC 702	766.80	766.80	0.00
367.2.1			B Response to ATC 430 - ovals discrepancies			xxxxxxx		xxxxxxx	xxxxxxx	0.00
389.1			B CMM CAN 673 - Fire damper clarification			1,229.60	Included in VPR 014 - See CI 237	1,229.60	1,229.60	0.00
390.1.0			A ATC 484 - Precast panel finishes - query for fire additional cost claimed			xxxxxxx	Awaiting Canam's details	xxxxxxx	xxxxxxx	0.00
391.4			A ATC 466 - confirmation of brick panels locations			xxxxxxx	Included in CI 416.2.0	xxxxxxx	xxxxxxx	0.00
391.5			A ATC 469 - Clarifications re the Sealant schedule			4,240.00	Awaiting Canam's details	4,240.00	4,240.00	0.00
392.1.0			VO Extension of time claim # 1			177,600.00	Agreed - but no margin	177,600.00	177,600.00	0.00
408.1.0										0.00

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Waitakere Central - Civic Centre
 VARIATIONS SUMMARY

- A Contract interpretation not involving any cost
- B Variation for immediate action (price submitted 1 month.)
- C No work to proceed until cost agreed

- VIB Secondary Vibration Isolation
- VE Value Engineering
- VO General Contract Variations

VPR/ATC/CI No.	VO No.	CI No.	Description	Estimated	Submitted	Agreed	Status / Comment	FR No 9	FR No 8	Diff. 9 & 8
				xxxxxxx	xxxxxxx	xxxxxxx			0.00	0.00
	408.1.0	20.2	Revised cable tray layouts - refer CMM CAN 108.2	4,900.00	xxxxxxx	xxxxxxx	Incl in VPR 020.2 - see CI 528.2 U (L2)	4,900.00	8,104.02	3,204.02
	411.1.0		Council chamber slab plan - 7 additional floor boxes				ATC 572 supersede ATC 428 - 52.1, 52.8	4,900.00	4,900.00	0.00
	414.1.0		Revised door schedules							
	415.1.0		Additional vision strip to doors							
	418.1.0		Delete panel 22	2,120.00	2,120.00	36,590.56	ATC 516 / Superseded see CI 504.3	2,120.00	2,120.00	0.00
	419.2.0		ATC 520 - processed with the 125x8 angle				ATC 575	36,590.56	36,590.56	0.00
	416.3.0		Revised level 7 plant deck					993.27	993.27	0.00
	416.6.0		Copper roof in lieu of Zinc				No margin to check			
	418.7.0		Omni PA system				Incl in VPR 08 (L1)			
	417.1.3		Alternative light fittings				ATC 446			
	420.3.0		Additional 6 floor boxes STANDARD		2,650.00	2,650.00	ATC 111 - Ask Genam	2,650.00	2,771.03	121.03
	432.3.0		Services block & walls along rail corridor - Revised structural drawings			2,898.78	ATC 585 - Trade Electrical	2,898.78	2,898.78	0.00
	435.1.0		Re-routing of downpipes # C1 & C6			16,812.08	ATC 644	16,812.08	16,378.99	433.09
	439.1.0		Mech construction drawing	500.00				500.00	500.00	0.00
	443.2.0		Dyocore column clash					10,610.60	10,610.60	0.00
	443.6.0		Boundary footing	1,500.00				1,500.00	1,500.00	0.00
	446.1.0		Steel 6 / link bridge's RLS and related	400.00				18,843.79	18,843.79	0.00
	446.1.0		Piling subcontractor extension of time claim			3,855.00		3,855.00	3,855.00	0.00
	448.1.0		200 dia ducting, level 1 atrium		2,650.00			2,650.00	2,650.00	0.00
	448.1.1		Exterior door grilles		2,226.00			2,226.00	2,226.00	0.00
	452.2.0		Compressible bearing strip	1,200.00				1,200.00	1,200.00	0.00
	457.2.0		Circuit breakers on the MSB	2,500.00				2,500.00	2,500.00	0.00
	457.3.0		ATC 552 / 452: Ducts from main switchboard							
	457.3.0		Energy Check Meters - Mechanical							
	463.3.0		Intensity trunking colour							
	463.6.0		Response to VPR 011 item 1							
	463.6.1		Response to VPR 011 item 2							
	465.5.0		Lighting and C-Bus switching, light dimming							
	478.1.0		ATC 570: Gallery beams strip drawings	500.00						
	477.2.0		Revised layouts	1,500.00						
	478.1.1		D1027: Deleted LW 1220 1221 70 SC replace with LW 4420 x 30 SC							
	463.2.0		Revised kitchen lighting	500.00						
	484.1.0		ATC 594: Steel column / panel connection							
	487.1.1		The setout of the glazing is to be changed as per the attached sketch							
	508.1.0		Webforge grating for air ducts - Rooms 2025 - 4030 & 6021 - Further to CI 501							
	516.1.0		Carpeted floor box lids between A12 & A15 L2 Ad. W & all L2 Civ. W							
	521.1.1		ATC 624: Structural steel detailing - Roof truss at grids A5 & A6	1,000.00						
	522.2.1		ATC 625: Canopy roof & columns - Height of columns - Sketch SK 52.2.2	500.00						
	536.2.0		Revised chamber ceiling lighting - CMM's CAN 136	2,000.00						
	536.6.0.2		Remove 1 x triple data and 1 x double power outlet from mech room 1024A							
	536.6.0.5		Kitchenettes - Provide a 16A							
	536.6.0.9		Room 2043 - Cashiers Office. Replace 3 x double data with 3 x triple data							
	536.6.0.10		Provide 1 x additional double switched in Store Rooms	300.00						
	536.6.0.12		Provide 1 x ad. double data outlet, 1 x ad. double switched to room 6035							
	536.6.0.13		See Cont. shall confirm if PIN access required or prox only to room 4102							
	538.1.1		Flushing valves are to be deleted & replaced with cisterns	2,500.00						
	542.1.0		Exposed aggregate panels P-AE-L07-2 and P-AE-L07-1	500.00						
	545.1.1		Item 1: Bridge / concrete roof junction	10,000.00						

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Waitakere Central - Civic Centre
VARIATIONS SUMMARY

A Contract interpretation not involving any cost
B Variation for immediate action (price submitted 1 month)
C No work to proceed until cost agreed

VIB Secondary Vibration Isolation
VE Value Engineering
VO General Contract Variations

VPR/ATC/CI No	VO No.	CI No.	Description	Estimated	Submitted	Agreed	Status / Comment	FR No 9	FR No 8	Diff. 9 & 8
548.1.0			Additional small power & data	600.00			Waiting Canam's cost	600.00	600.00	0.00
548.1.1			CMM's item 3	375.90	375.90		ATC 702	375.90	375.90	0.00
550.1.0			L6 gutter detail between grids A5 & A1.1 - refer to ARCL CAN 410	1,000.00	24,004.12	24,004.12	ATC 702	24,004.12	0.00	24,004.12
552.2.0			Lift 5S re-roofing	1,000.00				1,000.00	1,000.00	0.00
553.3.0			Level 7 plant deck & precast panels	1,000.00	505.52		ATC 702	1,000.00	1,000.00	0.00
555.2.0			Additional power points for airworks	1,500.00	3,540.40		ATC 750	1,500.00	1,500.00	0.00
559.1.1			Item 1.2 Refer to CI 554 door hardware to D6031 & D6034.2 - No SCR	5,000.00				5,000.00	5,000.00	0.00
559.1.0			Clearing access from V2034 to be confirmed	5,000.00				5,000.00	5,000.00	0.00
570.4.0			ATC 624 & 654 Structural steel along grid AA - further to CI 521 items 1.2 & 2.0	3,100.00	778.04		ATC 759	3,100.00	3,100.00	0.00
575.4.0			Structural steel low-rise building	3,000.00	1,791.40		Included in VPR 012 - see CI 604.1.0	3,000.00	3,000.00	0.00
575.4.0			Class of frames - refer detail 2 / A6-21 - further to the last site meeting	2,000.00	63.42		ATC 760	2,000.00	2,000.00	0.00
575.4.0			ATC 659 Ventr partition system - the alternative offered is not acceptable	500.00			ATC 762	500.00	500.00	0.00
575.4.0			ATC 671 C-S Steel column - further to CI 587.1.1	300.00				300.00	300.00	0.00
575.4.0			ATC 675 Fire separation on grid CD	800.00	6,423.60	25,895.27		800.00	800.00	0.00
575.4.0			ATC 677 C-S roof queries - Upstand between the ply & concrete roofs	300.00				300.00	300.00	0.00
575.4.0			ATC 678 Civic envelope. Further to CI 594 item 5.1.9mm Hardiflex is 7.5mm	800.00	2,682.31		Canam's ATC list	800.00	800.00	0.00
575.4.0			ATC 686 Detail grid line CD A1 level 3 - further to CI 594 item 1.0	800.00	2,682.31		ATC 816	800.00	800.00	0.00
575.4.0			ATC 688 GL AA Weiborge grating pricing - processed with the work	800.00	267.08		ATC 816 item 4	800.00	800.00	0.00
575.4.0			Refer to section B to ARCL for revisions to Enterprise steel member MMA-36	800.00	267.08			800.00	800.00	0.00
575.4.0			ATC 664 check materials & additional pipework - refer CMM CAN 150 Item 2.0	10,700.00	11,510.46		ATC 816	10,700.00	10,700.00	0.00
575.4.0			ATC 702 & ATC 709 Electrical variations - refer to CMM CAN 155	10,700.00				10,700.00	10,700.00	0.00
575.4.0			ATC 742 services pit - refer to CMM CAN 174 and SK 634.1 & SK 634.2	345,024.00	171,482.32	520,772.80		345,024.00	345,024.00	0.00
575.4.0			Additional downpipe - delete the 100dia - allow for two 150dia							
583.1.0			CMM CAN 181 Sub-mains - Main computer room							
Total: Columns - Estimated + Submitted + Agreed				835,285.11				835,285.11	763,041.90	92,243.21

VIB	Sub-total	Secondary Vibration Isolation
VE	\$399,714.72	
VO	\$1,061,396.11	
	\$835,285.11	Check total

FINANCIAL SUMMARY STATUS

	At contract award (10/04)	Change	At August 2005
Tender Sum	\$36,042,559		\$36,042,559
Primary vibration isolation	\$243,800		\$243,800
Secondary vibration isolation	\$200,000	\$199,715	\$399,715
Contract variations	\$0	\$1,061,396	\$1,061,396
Value engineered savings	\$0	\$0	\$0
Contingency	\$2,000,000	\$635,285	\$1,364,715
Total construction cost (incl. contingency)	\$39,486,199		\$38,456,199

All



PROJECT STATUS REPORT

PROJECT NAME: ST02018 – New Lynn Library and Memorial Square

CLIENT: Waitakere City Council

DATE OF REPORT: 16 August 2005

PROGRESS

The opening date for the New Lynn library will be 18 October 2005. The targeted practical completion date for the library has been revised to 20 September 2005 on the basis of Watts & Hughes latest construction programme. Watts & Hughes has lodged a claim for an extension of time (EOT) of 22 days, which is currently being assessed by the Engineer to the contract.

The basis of this claim is the length of time taken by the design team in resolving and issuing the final drawings for the construction of the main library ceiling and associated works such as lighting and heater installations. The final approval of the sub contractors mechanical services design was also delayed as a result of a process involving an independent peer review by a council appointed consultant to mitigate costs arising from issues raised by the services sub consultant.

The EOT claim of 22 days, if successful gives a practical completion date of 30th September 2005, however the contractor is targeting the 20th September as the completion date. In addition to this the contractor will allow for the library shelving fitout to commence on the 14th September 2005.

TIMELINE STATUS		
Key contract dates / times	As at contract award November 2004	As at 15 August 2005
Acceptance of Tender	26 November 2004	26 November 2004
Contract Commencement	6 December 2004	6 December 2004
Contract Period	165 working days	165 working days
Original Contract Completion Date	10 th August 2005	10 th August 2005
Extensions of Time (awarded)		19 working days
Due Date for Completion (Practical Completion)	10 August 2005	6 September 2005
Pending EOT claim		22 working days
Revised due date of completion (worst case)		30 September 2005
Fit Out (11 working days with an early start on 14 September)		17 October 2005
Public Opening		18 October 2005

Progress during the last month includes:

- Skylights complete.
- Soffit linings complete.
- Aluminium joinery 90% complete.
- Western carpark 70% complete.
- Remedial work to the art wall complete.
- External cladding complete.
- Data cabling along McRae Way complete.

Work Continuing:

- Planter boxes and Memorial square paving.
- Footpath along McRae Way.
- Lift installation.
- Interior linings.
- Ceilings.
- Window installation.
- Glazing of Windows.
- Toilet fit out.
- Western carpark.
- Interior gib stopping.
- Exterior painting.
- Mechanical Services.

Work due to Commence:

- installation of Joinery.
- External light poles.

BUDGET

Project Budget - Proposed Expenditure

The following is a summary of the project budget as outlined in the financial tracking report. The project contingency has reduced to \$55,286 as a result of proactively anticipating potential claims (a worst case scenario) and work carried out that was either not included in the original design and/or not scheduled by Rawlinsons. These costs are detailed below:

Item	Budget approved by sponsor 12/07/05	Budget allocation as at 16/08/05 (to be approved by sponsor)
Administration	\$27,241	\$27,241
Communication & Opening	\$19,227	\$19,227
Professional Services	\$498,588	\$498,588
Consent Fees	\$16,500	\$16,500
Artwork	\$70,000	\$70,000
External Services	\$91,366	\$91,366
Building Fit out	\$220,000	\$220,000
Building Construction & Memorial Square	\$3,451,238*	\$3,501,792*
Car park in McRae Way, work carried out under this project (budget from Transport Assets)	\$88,500*	\$88,500*
Contingency	\$105,840*	\$55,286*
Project Contingency		
Available budget	\$4,588,500	\$4,588,500

The following significant adjustments have been made to the budget allocations above:

- Contingency - reduction by \$50,554. This allows for the net effect of the increased allocation to the "Building Construction & Memorial Square" item and it has been adjusted to maintain the anticipated project expenditure within the available budget of 4,588,500. It represents a worst case scenario for items that has arisen to date and will be confirmed once the project team has evaluated and negotiated all the claims.
- * The following figures add up to form the Construction budget of \$3,645,578, which is detailed in the "Construction Budget" section of this report.

Construction Budget

	Tender Report Breakdown	Current Breakdown 15/08/2005	Comment
Revised Tender Sum (dated 24 November 2004)	\$3,401,222	\$3,401,222	
Less additional Savings (post contract award):	-\$50,000		
Confirmed Savings		-\$137,304	See attached sheet A
Anticipated further Savings		-\$9,885	See attached sheet A
Plus Anticipated additional cost (incl. in Tender Report)	\$70,000	\$24,022	
Confirmed Additional costs		\$24,644	See attached sheet B
Additional Costs post tender award:			
Confirmed Additional costs		\$158,077	See attached sheet B
Anticipated Additional costs		\$129,516	See attached sheet B
Anticipated Watts & Hughes contract sum	\$3,421,222	\$3,590,292	
Plus Contingency	\$157,000	\$55,286	
Total Job Cost	\$3,578,222	\$3,645,578	
Project Contingency	\$3,643		
Job Cost Budget	\$3,581,865	\$3,645,578	

As discussed in the previous section, the reduction to the contingency sum relative to the previous report is due to the net effect of variations (savings and additional costs) of approximately \$50,000 to the main construction contract.

The savings as detailed in the attached sheet A have increased by approximately \$10,000 to \$147,189.

The anticipated additional costs as detailed in attached sheet B have increased by \$60,138. This has been allowed for from the contingency amount. The more significant movements in the "Additional Costs" report are as follows:

- Extension of time claim - Watts and Hughes has tabled an extension of time claim of 22 days. As outlined in the first section of this report, the basis of this claim is the length of time taken by the design team in resolving and issuing the final drawings for the construction of the main library ceiling and associated works such as lighting and heater installations. The final approval of the sub contractors mechanical services design was also delayed as a result of a process involving an independent peer review by a council appointed consultant to mitigate costs arising from issues raised by the services sub consultant. This is currently being reviewed by the Engineer to the Contract, Craig Moller from CCM. Based on the daily allowance figure for extensions of time, \$25,960 has been allowed for the full 22 days. This is anticipated to be a worst case amount. This claim is related to the consultant performance issues highlighted in the previous status report.

- Ventilation and power to lift room space - Ventilation to the lift control room was not shown in the design documentation and consequently was not included in the mechanical services sub-contractors design and price. Heatwave have submitted a price of \$15,000 for this work. The previous project status report had an allowance of \$12,000 for this work based on Rawlinsons estimate for this work.
- Entry foyer tiling - \$6,642. This is to allow for tiling the entry foyer and the corridor to the meeting room. The design is for polished concrete and from the experience from Massey and Glen Eden Libraries; it can be problematic from slip resistance and aesthetics point of view.
- Book return chute cost of \$3000. This item of work was omitted from the original design and schedule of quantities.
- Chimney - increase by \$12,000. Watts and Hughes has submitted a revised price for the amended chimney design, which was changed as part of the mechanical services redesign. This value is currently being evaluated by Rawlinsons.

QUALITY

The art wall along McRae Way has been painted and inspected by CCM. Resene has confirmed that the paint thickness does not comply with the specification, hence Watts and Hughes will apply a further coat of paint to the entire wall at their cost.

The acoustic ceiling to the main library has been installed to a poor standard. Watts and Hughes will be carrying out remedial work to one section of the ceiling for inspection by CCM before fixing the balance of the ceiling.

The work in progress is being closely monitored by both CCM and N-Compass to ensure that quality issues are identified and addressed early.

HEALTH AND SAFETY

There has been one lost of time injury recorded. This was due to an electrician spraining his ankle. Watts and Hughes has been instructed to follow good health and safety policies and practices on site at all times.

DESIGN ISSUES

No issues to report.

END

New Lynn Library & Memorial Square

SAVINGS (Sheet A)

Description	Anticipated	Confirmed	Status / Comment
Revised structural steel paint spec' & re-measure		(6,062)	
Sensor in-lieu of Lift Pump & drainage		(2,749)	
Omit 5 No. Data & Power Floor Boxes		(1,292)	
Excavation quantities less then scheduled		(6,730)	
Kerb to Memorial Square , reduce quantity		(19,368)	
Retention – reduced to comply with NZS 3910		(21,000)	
External windows & doors finishes		(11,000)	
Revised carpet spec		(16,500)	
Poppy Wall (Incorporates VPR49) – reduced size		(17,199)	
Walls to McDonaldis – delete one		(239)	
Roof Insulation – revised spec		(2,000)	
Delete cable tray in Plenum		(2,500)	
Check meters – delete two		(1,085)	
Omit Provisional Quantities Excavation Trade		(4,000)	
Alternative Electrical lighting	(6,535)		W&H to confirm
Gib stopping to wall reduced to lesser finish		(5,488)	
Delete site sign board		(2,500)	
Alternative plumbing fittings		(3,000)	
Delete hose reels & change fire extinguisher type		(4,000)	
Door spilt jam rather than solid members		(750)	
Heatwave's provisional sum adjustment		(9,848)	
Hot water cylinders – larger one in lieu of 2 small ones	(350)		W&H to confirm
Lower roof reflected ceiling plan simplified	(1,000)		W&H to confirm
	(9,885)	(137,304)	
<u>Total estimated, submitted and agreed</u>	(147,189)		

New Lynn Library & Memorial Square

ADDITIONAL COSTS (Sheet B)

Description	Additional Costs incl in Tender Report		Additional Costs Post Tender		Status/ Comment
	Anticipated	Confirmed	Anticipated	Confirmed	
Additional Joinery		12,965			
Roof access hatch		2,929			
S/S handrail to roof structure					
Aluminum ladder	16,422				
S/S handrail & glass balustrade (add to prov sum)					
Veneer plywood to stair walls & timber capping	7,600				
TV/Audio installation		8,750			
Data specification				18,800	
Foundation Water proofing				43,125	
NTT 18 Security Conduit				2,745	
Additional window				1,465	
Extent of Art wall to Central wall			1,500		
Increase door W-G28 size				113	
Extension of time claim 2 for DPM				1,180	
Extension of time claim 3 for waterproof membrane				2,360	
Additional window to CAB			1,000		
Lighting to Memorial Square				5,345	Omitted from Rawlinsons schedule.
Additional Steel Work based on Global claim 01/06/05				11,521	As a result of under design by JRS.
Western Carpark				47,357	
Revised western car park drawings				17,789	

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Additional costs identified 15/8/05						
Colour of radiant heating panels						4,861
Chimney amendment		12,000				
Comms rack						1,416
Public telephone		614				
Book return chute		2,500				
Delete sliding window		500				
Extra CCTV location		1,000				
Lift shaft and comms cupboard ventilation		15,000				
Entry Foyer tiling		6,642				
Proposed EOT claim		25,960				
Pavers supply cost - W&H omitted from tender price.		30,000				
Self compacting concrete for art wall		7,300				
Stage area for RSA (additional P&G)		2,500				
Chasing slab for security gates		2,000				
Remedial to art wall		10,000				
Additional Trees		1,000				
Various miscellaneous items currently being resolved		10,000				
Total additional costs				\$24,022	\$24,644	\$158,077
					\$336,259	

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