

Architect's report no.4

| | | | |
|---------|------------------------|----------|-----------------|
| project | WAITAKERE CIVIC CENTRE | file ref | 0311-F05-004-JM |
| job no. | 0311 | date | 08-04-05 |
| client | WAITAKERE CITY COUNCIL | | |

architectus™

1.0 Client/Brief

- Preliminary design proposals for the level 6 kitchen, the finishing kitchen and the social club facility have been reviewed by the client and feedback received. Work will now commence on the final documents for construction of these areas.
- The audio visual brief for Council Chamber has been completed and a nominated sub-contractor engaged to complete this work. Resolution of the sound system requirements is ongoing.
- Artworks. A meeting is scheduled with the arts team to discuss final proposals for the more urgent items on the artworks list. Costing has commenced on one of the larger artworks to confirm that the proposal is within budget.

Architecture
Urban Design
Planning
Interior Architecture

2.0 Design Issues

- The confirmation of the external finishes is mostly complete. This includes the bricks, aluminium window joinery, aluminium louvers, composite aluminium cladding and the exposed aggregate panels.
- Work on the internal finishes is to be completed once the carpet supplier has been confirmed as this will have a significant impact on the overall colour / material palette.
- Documentation of the 'additional items' identified during the tendering process is ongoing.
- Discussions on the design of the Japanese garden and its interface with the Civic Wing have commenced. Initial discussions have focused on access from the Civic Wing to the garden.

Architectus Auckland
1 Centre Street
PO Box 90621 AMSC
Auckland New Zealand
T 64 9 307 5970
F 64 9 307 5972
auckland@architectus.co.nz
www.architectus.co.nz

Directors:
Malcolm Bowes
Patrick Clifford
Michael Thomson

Consultant:
John Sinclair

3.0 Value Management

- Work is ongoing on these items. Further savings have been confirmed on the internal tiling and insulation.

Auckland
Brisbane
Melbourne
Shanghai
Sydney

4.0 Coordination

- Co-ordination of the Civic Centre fuel tank has commenced.
- Co-ordination of the interface between the Henderson Library project and the Civic Centre is ongoing.

5.0 Programme

- The first of the exposed aggregate wall panels has been erected on site.
- The first precast concrete columns and beams have been delivered to site for erection as part of the Admin building structure.
- Propping of the lower level precast panels for the Administration building is nearly complete.
- A response has now been issued to the claim for an extension of time. This follows various meetings with the programming expert to assess the validity of the claim.

6.0 Shop Drawings

- Shop drawings for windows, shell beams, floor units, Dycore floor units, shear walls, columns and wall units continue to be issued for review.
- The first shop drawings for the fire sprinkler system and electrical items (including lighting) have been reviewed.
- Production of steel shop drawings continues with a number of meetings being held to resolve detailing, construction and site erection issues.

AI

Canam Construction: Waitakere Civic Centre **Contractors Report : 14 April 2005**

Report Period : 31/3/05 to 14/4/05

Prepared by : Nick Page

Date of report : 13/4/05

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. Updates for the PL insurances have been provided for the next financial year.
- 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 – Provisional 7 days
- 1.7 Approved completion date – 21 April 2006

Extension of time –A partial decision has been received on parts of the extension of time claim submitted 21/12/04 (ATC 132). We do not agree with quantum of the extension given nor the method used in calculating the extension and will be making further submissions on both these aspects.

In summary we are in a situation where we are approximately 8 weeks behind programme due to factors outside our control which therefore entitle us to be granted an extension of time in accordance with the provisions of the GCC. We simply have not had the information available to us to be any further advanced in construction than we currently are. We progressively notified these issues as they arose and have summarised them in our extension of time claim. There have been several issues which have caused us to be delayed, some of which occurred partially or completely concurrently with others and some of which arose or were finalised subsequent to our claim being submitted last December. In our claim we have apportioned delays to each of these issues, but regardless of how each issue is considered the overall effect of the delays remains and needs to be acknowledged by an appropriate extension of time. We will be submitting additional information in support of our original claim and, as previously notified, will be submitting an additional claim for the balance of the delays.

2.0 Financial

- 2.1 Last Claim Submitted- Our fifth claim was submitted on 2/4/05.
- 2.2 Certificate due date –15/4/05
- 2.3 Payment due date – due 22/4/05
- 2.4 Outstanding payment issues – Nil
- 2.5 Variations – We have submitted variations arising out of the issue of the construction drawings for Canam work and are awaiting feedback.
- 2.6 We are progressively providing pricing for other variations. The volume of variations and VPR's is creating a major workload to price and process these. While we are progressing this it has been necessary to prioritise work to focus on the urgent items and this has delayed the processing of non urgent QS work.
- 2.7 We have a problem with GHP who are pursuing settlement of their claim for costs associated with striking an object and buckling the casing on one pile. Rawlinsons have advised that they cannot process this claim pending confirmation of the ATC 132 E of T claim.

- 2.8 Priced Schedules – All schedules have now been provided.
- 2.9 Additional Items & Monetary Allowances Schedules – We are expecting to receive a VPR for these items.

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. There are issues on the consent conditions which require resolution by the client and we still await definition of parties responsibilities for each item on the consent.
- 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.

4.0 Programme Status

- 4.1 Construction Start Date – 3 November 2004
- 4.2 Projected Construction Completion Date – June 2006 subject to agreement on extension of time issues noted in 1.8 above.
- 4.3 An Updated Contract Programme showing progress to date is attached.

4.4 Construction Progress

Site Establishment

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

Foundations

Work on the foundations is complete on the Admin & Civic buildings, with only the link area outstanding. The L1 dycore to both the Civic & Admin has been installed. The L1 slab has benn cast to the Civic and the first section of the admin.. We currently remain two weeks over of the assessed allowance included in our extension of time claim ATC 132 for the Admin.

Panels

80 on site panels have been cast to date and the majority of these have now been erected. Casting of further panels is continuing. Production of exposed aggregate panels is progressing and the first panels have been delivered & erected on the Civic.

Structure

Manufacture of precast beams, columns & flooring is progressing. The first precast columns and beams are now being erected on the Admin.

Drainage

Work is proceeding. Work on the main drains is now approximately 75% complete, including installation of the main storage tank. The outstanding pricing issues on the revised scope of drainage work are now almost resolved.

Structural steel

Shop drawings are proceeding and fabrication of the first steel has commenced.

Windows

Shop drawings have been submitted for approval.

Services

Shop drawings for Mechanical, Fire & Security are underway. We are continuing to work with CMM & the subcontractors to resolve the outstanding services design issues. We urgently require final confirmation of the outstanding issues with circuiting so that the switchboard shop drawings can commence.

4.5 Planned for the next three weeks.

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

- Drainage work to continue.
- Completion of under slab ducting and slab to the Admin
- On site Panel Casting continuing
- Placing and propping precast panels on L1 of the Admin & Civic building.
- L1 slabs to Admin & Civic
- L2 structure to Admin & Civic

5.0 Subcontractor's engaged

5.1 List of Subcontractors engaged to date;

| | | |
|-------------------------|---|---------------------|
| Piling | - | GHP |
| Earthworks | - | Win Jacobs |
| Lift | - | Schindler |
| Drainage & Water Main | - | AFM |
| Electrical | - | Aden Electrical |
| Plumbing | - | DL Good |
| Brick & Blockwork | - | Eagle |
| Precast Beams & Columns | - | Wilson Precast |
| Precast Stairs | - | Busck |
| Shell Beams & Flooring | - | Stahlton |
| Reinforcing | - | Steel & Tube |
| Concrete Supply | - | Holcim |
| Mechanical Services | - | Airpro |
| Windows | - | Thermosash |
| Structural Steel | - | Enterprise Steel |
| Carpentry Materials | - | Placemakers Cook St |
| Data | - | ITL |
| Louvres | - | Louvretec |
| Security | - | ACS |
| Fire | - | Entire Fire |
| Metalwork | - | Global |
| Glass Bricks | - | Eurobrick |

6.0 Weather conditions / delays

- 6.1 General weather conditions during last fortnight – Good.
- 6.2 Days lost due to inclement and/or adverse weather conditions in last period –. The weather during the last 2 weeks has been generally fine.

7.0 Health & Safety

- 7.1 Canam site-specific health and safety programme is in place. A copy has been submitted and approved.
- 7.2 Canam traffic plan is in place.

- 7.3 Incidents during last period – One accident on site when our dogman slipped and seriously cut his leg on a pile casing.

8.0 Information required / outstanding

- 8.1 See register of ATC requests outstanding.
- 8.2 Value Management Issues – Work is ongoing. Further savings for a number of the issues have been submitted for consideration.
- 8.3 Variations - The volume of changes and the issue of sketches rather than revised construction drawings is causing problems in relation to distribution of information and ensuring that all affected parties are kept up to date and are using the correct information for construction. As agreed previously, for issues that are responses to immediate construction questions, generally affecting only one or two trades, we agree that sketches are the most appropriate mechanism. However for changes with a longer timescale or for those which affect a larger number of trades we would request the issue of revised construction drawings.

8.4 Other Outstanding issues

Revised drawings for main services rooms (MSB, Transformer, Generator etc) & Link. We will be delayed in our shop drawing process for the panels unless we can get revised details for these by 28/4/05, which will cause later critical path delays with installation & commissioning of services.

Revised drawings for the council chamber entry area

Revised Link roof drawings

Confirmation of toilet pan selection

Final mechanical damper requirements

Revised cable tray drawings & specifications

For construction revised details for link foundations, bearings etc

Revised drawings for service shafts including floors and deletion of doors

A decision on enclosing part of the L2 plantroom

Final instruction on type of insulation to be used

Hardiflex vs Tiatan board decision required by 14/4/05

Final gas flood requirements for the computer room

Off Site connection of Stormwater System

Fuel Tank & fuelling system installation

Allocation of Building consent conditions

Colour Schemes – We have submitted a schedule of the required dates for this information.

Composite cladding colour & exposed precast panel sealant colour are now overdue. We confirm that we expect to require carpet to be available for laying by 1/12/05, or 1/11/05 if the carpet is to be laid prior to the partitions being constructed.

FINANCIAL REPORT



RAWLINSONS

REPORT NO: Five
 PROJECT: Waitakere Central - Civic Centre
 CONTRACTOR: Canam Construction Ltd
 FOR PERIOD ENDING: 11-Apr-05

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 March 2005 |
| Contract Period : | 350 working days | Amount of last valuation (gross): | \$ | 4,318,005.08 |
| Extension of Time (revised completion) | TBA | | | |
| Percentage of programme elapsed | 33.71% | | | |
| SUMMARY - CONTRACT | | | | |
| | <u>ORIGINAL CONTRACT VALUE</u> | <u>ESTIMATED EXPENDITURE TO DATE</u> | <u>ESTIMATED FUTURE EXPENDITURE</u> | <u>ESTIMATED FINAL CONTRACT VALUE</u> |
| Construction Cost | \$ 34,201,179.32 | \$ 3,977,225.08 | \$ 30,223,954.24 | \$ 34,201,179.32 |
| Provisional Quants | 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 | \$ 3,977,225.08 | \$ 32,187,074.24 | \$ 36,164,299.32 |
| Variation Price Request | | \$ - | \$ 109,141.78 | \$ 109,141.78 |
| Contract Instructions | | \$ 247,872.04 | \$ - | \$ 247,872.04 |
| Contract Savings | | | | Inc Above |
| Extention of Time | | | | TBA |
| Estimated Contract Expenditure | \$ 36,286,199.32 | \$ 4,225,097.12 | \$ 32,296,216.02 | \$ 36,521,313.14 |
| Adjusted Nett over / under Expenditure | | | | \$ (235,113.82) |

A6
1

Waitakere Central - Civic Centre**TRADE SUMMARY**

| Element | Value | % comp | Value Comp |
|---------------------------|------------------------|--------|-----------------------|
| P& G | \$3,111,496.00 | 28% | \$877,194.87 |
| Cranage | inc above | | |
| Scaffold | inc above | | |
| Demolition Existing Slab | Excluded | - | |
| Exc & Filling | \$183,702.00 | 64% | \$117,337.00 |
| Piling | \$956,131.00 | 105% | \$1,001,689.21 |
| Concrete Work | \$2,797,147.00 | 19% | \$524,688.44 |
| Precast Concrete | \$3,850,242.00 | 20% | \$770,999.18 |
| Reinforcing | \$633,049.00 | 26% | \$165,851.88 |
| Brickwork | \$420,015.50 | | |
| Blockwork | \$207,375.00 | | \$18,298.00 |
| Steelwork | \$590,886.00 | 4% | \$26,250.00 |
| Metalwork | \$373,750.00 | 0% | |
| Glazing to metalwork | \$143,047.00 | 0% | |
| Aluminium Windows & Doors | \$1,968,790.00 | 0% | |
| Louvres | \$742,110.00 | 0% | |
| Carpentry & Linings | \$2,496,182.00 | 0% | |
| Joinery | In Monetary Allowances | - | |
| Internal Doors | \$436,125.14 | 0% | |
| Hardware | \$151,452.90 | 0% | |
| Proprietary Partitions | \$165,925.00 | 0% | |
| Toilet Partitions | \$38,115.00 | 0% | |
| Roofing - Metal | \$134,246.00 | 0% | |
| Cooper | \$130,396.39 | 0% | |
| Membrane | \$235,340.50 | 0% | |
| Access System | \$65,000.00 | 0% | |
| Plumbing | \$540,159.22 | 0% | |
| Drainage | \$284,650.00 | 78% | \$223,298.00 |
| Mecahnical | \$3,417,900.00 | 0% | \$12,000.00 |
| Fire Services | \$554,444.00 | 0% | |
| Lifts & Escalators | \$525,950.00 | 5% | \$24,547.50 |
| Electrical | \$2,656,760.00 | 1% | \$37,065.00 |
| Data, MATV & PA | \$424,795.61 | 0% | |
| BMS | In Mechanical | - | |
| Security | \$322,137.60 | 14% | \$46,404.00 |
| Generator | In Electrical | - | |
| Suspended Ceilings | \$862,228.15 | 0% | |
| Tiling | \$228,840.00 | 0% | |
| Floor Finishes | \$794,270.00 | 0% | |
| Painting | \$861,983.00 | 0% | |
| Glazing | \$15,293.00 | 0% | |
| Siteworks | \$945,529.50 | 0% | |
| Landscaping | In Monetary Allowances | - | |
| SUB TOTAL | \$32,265,263.51 | | \$3,845,623.08 |
| Margin (6%) | \$1,935,915.81 | | \$131,602.00 |
| | \$34,201,179.32 | | \$3,977,225.08 |

A7

| Waitakere Central - Civic Centre | | | | | | |
|---|--|----------------|-------------------------------|------------------------------|-----------------------|----------|
| MONETARY ALLOWANCE EXPENDITURE | | | | | | |
| SQ Ref | Description | Contract Value | Estimated Expenditure To Date | Estimated Future Expenditure | ESTIMATED FINAL VALUE | Comments |
| BUILDERS WORK | | | | | | |
| | <u>Structural Steel</u> | | | | | |
| 3211 | Additional roof bracing | 5,000.00 | 0.00 | 5,000.00 | 5,000.00 | |
| | <u>Carpentry</u> | | | | | |
| 3212 | Additional fixing to louvres | 5,000.00 | 0.00 | 5,000.00 | 5,000.00 | |
| 3213 | Partitions to gas store | 1,000.00 | 0.00 | 1,000.00 | 1,000.00 | |
| 3214 | Window reveals | 82,000.00 | 0.00 | 82,000.00 | 82,000.00 | |
| | <u>Doors and Frames</u> | | | | | |
| 3215 | Hardware to aluminium doors | 10,000.00 | 0.00 | 10,000.00 | 10,000.00 | |
| | <u>Suspended Ceilings</u> | | | | | |
| 3216 | Soffit to stair 5 | 18,000.00 | 0.00 | 18,000.00 | 18,000.00 | |
| | <u>Tiling</u> | | | | | |
| 3217 | Silicone seal | 12,000.00 | 0.00 | 12,000.00 | 12,000.00 | |
| | <u>Painting</u> | | | | | |
| 3218 | Intumescent coatings | 5,000.00 | 0.00 | 5,000.00 | 5,000.00 | |
| | <u>Blinds</u> | | | | | |
| 3219 | Electrical operated blinds to glazed facaded wall (Civic Building) | 80,000.00 | 0.00 | 80,000.00 | 80,000.00 | |
| 3220 | Electrical operated blinds to skylight windows (Civic Building) | 15,000.00 | 0.00 | 15,000.00 | 15,000.00 | |
| 3221 | Roller blinds (Admin & Civic Buildings) | 150,000.00 | 0.00 | 150,000.00 | 150,000.00 | |
| | <u>Signage</u> | | | | | |
| 3222 | Entry / building signage | 20,000.00 | 0.00 | 20,000.00 | 20,000.00 | |
| 3223 | Directional signage | 20,000.00 | 0.00 | 20,000.00 | 20,000.00 | |
| | <u>Fixtures & Fittings</u> | | | | | |
| 3224 | Fixtures & fittings | 500,000.00 | 0.00 | 500,000.00 | 500,000.00 | |
| 3225 | Commercial kitchen | 100,000.00 | 0.00 | 100,000.00 | 100,000.00 | |
| 3226 | Social club bar | 10,000.00 | 0.00 | 10,000.00 | 10,000.00 | |

A8

| Waitakere Central - Civic Centre | | | | | | | | | | | | |
|---|--|---------------------|-------------------------------|------------------------------|-----------------------|-------------|--|--|--|--|--|--|
| MONETARY ALLOWANCE EXPENDITURE | | | | | | | | | | | | |
| SQ Ref | Description | Contract Value | Estimated Expenditure To Date | Estimated Future Expenditure | ESTIMATED FINAL VALUE | Comments | | | | | | |
| | Negative Sums | | | | | | | | | | | |
| 3227 | Vibration Isolation | Omitted | 0.00 | Omitted | 0.00 | | | | | | | |
| 3228 | Structural support and concrete slab to green roof | 100,000.00 | 0.00 | -100,000.00 | -100,000.00 | | | | | | | |
| 3229 | Glass roof to overbridge | 100,000.00 | 0.00 | -100,000.00 | -100,000.00 | | | | | | | |
| 3230 | Broadloom carpet in-lieu of carpet tiles | 150,000.00 | 0.00 | -150,000.00 | -150,000.00 | | | | | | | |
| | Price Fluctuation | | | | | | | | | | | |
| 3231 | Price Fluctuation for specified materials | 220,000.00 | 0.00 | 220,000.00 | 220,000.00 | | | | | | | |
| | SERVICES | | | | | | | | | | | |
| | Electrical | | | | | | | | | | | |
| 3232 | AV / PA system | 150,000.00 | 0.00 | 150,000.00 | 150,000.00 | | | | | | | |
| 3233 | Electrical transformer | 65,000.00 | 0.00 | 65,000.00 | 65,000.00 | | | | | | | |
| 3234 | Incoming telephone | 5,000.00 | 0.00 | 5,000.00 | 5,000.00 | | | | | | | |
| | EXTERNAL WORKS | | | | | | | | | | | |
| | Drainage | | | | | | | | | | | |
| 3235 | Diverting existing 525 dia SW pipe around civic centre | 115,000.00 | 0.00 | 0.00 | 0.00 | Omit Cl 7.1 | | | | | | |
| 3226 | New SW line across WPL property | 58,000.00 | 0.00 | 58,000.00 | 58,000.00 | | | | | | | |
| | External Services | | | | | | | | | | | |
| 3237 | Underground fuel storage with pump | 100,000.00 | 0.00 | 100,000.00 | 100,000.00 | | | | | | | |
| | Fencing | | | | | | | | | | | |
| 3238 | Fencing | 10,000.00 | 0.00 | 10,000.00 | 10,000.00 | | | | | | | |
| | Fixtures | | | | | | | | | | | |
| 3239 | Bollards | 10,000.00 | 0.00 | 10,000.00 | 10,000.00 | | | | | | | |
| 3240 | seating and misc fixtures | 20,000.00 | 0.00 | 20,000.00 | 20,000.00 | | | | | | | |
| | Landscaping | | | | | | | | | | | |
| | | 150,000.00 | 0.00 | 150,000.00 | 150,000.00 | | | | | | | |
| | | 50,000.00 | 0.00 | 50,000.00 | 50,000.00 | | | | | | | |
| | | 1,636,000.00 | 0.00 | 1,521,000.00 | 1,521,000.00 | | | | | | | |
| | Canam Margin (6%) | 98,160.00 | 0.00 | 91,260.00 | 91,260.00 | | | | | | | |
| | TOTAL (To Summary) | 1,734,160.00 | 0.00 | 1,612,260.00 | 1,612,260.00 | | | | | | | |

A9

| Waitakere Central - Civic Centre | | | | | | | | | |
|---|----------|-------|--|-----------|-----------------|----------|-------------------------|--------------------|--|
| VARIATIONS SUMMARY | | | | | | | | | |
| C.I. | VPR NO | VO NO | Description | Estimated | Canam Submitted | AGREED | COMMENTS | VO Variation Order | |
| | A | | Contract interpretation not involving any cost | | | | | | |
| | B | | Variation for immediate action (price submitted 1 month) | | | | | | |
| | | | Monetary Allowances | | | | | | |
| | | | Omit Pro' Sum for diverting the 525 dia pipe | | | -121,900 | Contract Variation | | |
| | | | Variation Price Request | | | | | | |
| | 001 | | Bentonite installation | | | 66,443 | Secondary Variation | | |
| | 003 | | Tiling | | | 187,000 | Value Engineered Saving | | |
| | 007 | | Exposed Aggregate Panels | | | | ATC 416 | | |
| | 010 | | Incoming Electrical Ducts | | | | ATC 452 | | |
| | 011 | | Revised Tender Price | | | | ATC 154&160 | | |
| | 011.1 | | Prices for Tender tags 4 & 5 | -3,069 | 5,300 | | | | |
| | 011.2 | | Revised Carpentry price | 17,850 | 5,126 | | | | |
| | 011.3 | | Additional Data Points | -29,691 | | | | | |
| | 012 | | Green Roof system | 2,000 | | | | | |
| | 013 | | Panel 19's Finish | | | | ATC 80 | | |
| | 014 | | Fire Dampers | | | | | | |
| | ATC 282 | | Remeasure Piling including new Piles | -14,000 | 1,500 | | Additional budget | | |
| | ATC 175 | | Issue Architectus Rev C drawings | | | | Contract Variation | | |
| | | | Underfloor Duct Omit Additional Items for Under Slab Ducts | | | | Value Engineered Saving | | |
| | ATC 371 | | Add Underfloor ducts | | 62,846 | | Secondary Variation | | |
| | ATC 245 | | Electrical service variations Construction issue drgs | 60,000 | | | Secondary Variation | | |
| | ATC 446 | | MATV system | -63,800 | | | Secondary Variation | | |
| | ATC 429 | | Additional doors (for Construction issue drawings) | 100,228 | | | Secondary Variation | | |
| | ATC 398 | | Alternative light fittings | | | | Contract Variation | | |
| | ATC 319 | | Mechanical service variations Construction issue drgs | 5,500 | 5,120 | | Value Engineered Saving | | |
| | ATC 364 | | Value Engineering Floor Vents + Floor box trims | -10,000 | 3,195 | | Contract Variation | | |
| | | | Contract Instructions | | | | | | |
| 7.1.1 | B | | Excavate to expose pipe at grid C11 | | | 408 | Contract Variation | | |
| 9.1 | B | | Omit Exposed aggregate to foundation beam | 1,000 | | | Value Engineered Saving | | |
| 12.1 | B | | Piles spacing (additional groundbeam) | 2,500 | | | Contract Variation | | |
| 21.1 | B | | Additional work as per ATC 42 | 750 | | | Contract Variation | | |
| 22.1 | B | | Work to locate the buried manhole | 500 | | | Contract Variation | | |
| 26.1 | A | | Appointment of Airpro for mechanical services | | | 103,000 | Value Engineered Saving | | |
| 27.1.1 | B | | Bentonite to piles 46 & 51 | | | 2,820 | Secondary Variation | | |

A10

| Waitakere Central - Civic Centre | | | | | | | | | |
|----------------------------------|--------|-------|--|-----------|-----------|---------|-------------------------|--------------------|--|
| VARIATIONS SUMMARY | | | | | | | | | |
| C.I. | VPR NO | VO NO | Description | Estimated | Submitted | AGREED | COMMENTS | VO Variation Order | |
| | | | A Contract interpretation not involving any cost | | | | | | |
| | | | B Variation for immediate action (price submitted 1 month) | | | | | | |
| 27.2 | | | B Vibration testing on 4 no. piles | 150 | | 101 | Secondary vibration | | |
| 27.2.1 | | | B Lay 100 thick concrete slab on fill for vibration testing | | | | Secondary vibration | | |
| 29.1 | | | B Clay removal | | 3,500 | | Contract Variation | | |
| 29.2 | | | B Redundant pipe removal | 4,000 | | | Contract Variation | | |
| 29.3 | | | B Remove existing foundations | | 15,000 | | Contract Variation | | |
| 40.1 | | | A Clay contaminated hard fill | | 3,932 | | Contract Variation | | |
| 42.1 | | | B Locally grown Saligna to be used for level 6 decking | 1,500 | | | Contract Variation | | |
| 42.1.1 | | | B Glass smoke baffle - 4mm toughened glass to be used | | | 52,357 | Value Engineered Saving | | |
| 42.1.2 | | | B Painted plasterboard in lieu of perforated ply ceiling to lift lobbies (level 2-6) | | | 17,954 | Value Engineered Saving | | |
| 42.1.3 | | | B Painted plasterboard in lieu of perforated ply ceiling to entry (level 1) | | | | Contract Variation | | |
| 44.1 | | | B 320 kVA generator | | | | Secondary vibration | | |
| 50.1 | | | B Lay 100 thick concrete slab on fill for vibration testing | 150 | | | Contract Variation | | |
| 51.1 | | | B Vertical cable trays | | | | Contract Variation | | |
| 51.2 | | | B Voice Patch chords | 13,461 | | 2,395 | Contract Variation | | |
| 52.1 | | | B Delete sump pumps from all 5 no lift pits, Add moisture sensors | -3,000 | | | Value Engineered Saving | | |
| 55.1 | | | B Remove existing slab 3 x 4m | 400 | | | Contract Variation | | |
| 64.1 | | | B 525 Dia line , carry out excavation as AR CAN 40 | 1,000 | | | Contract Variation | | |
| 65.2 | | | B Delete DPM around foundation footings | -9,000 | | | Value Engineered Saving | | |
| 65.2 | | | B Delete Poly where slab remains on grade | -15,231 | | | Value Engineered Saving | | |
| 96.1 | | | B Additional piles and beam due to clash with existing sump | 1,500 | | | Contract Variation | | |
| 117 | | | B Stages 1 to 4 Suspended slab drawings | | | 165,529 | Secondary vibration | | |
| 123 | | | A Issue Site water service layout drawing rev' C1 | -6,000 | | | Value Engineered Saving | | |
| 124 | | | B Revised drainage & sitework scheme | | 175,000 | | Contract Variation | | |
| 128.1 | | | B Ground floor slab reduced thickness | | | -15,000 | Value Engineered Saving | | |
| 154.2 | | | B Change in size of steel post | 200 | | | Contract Variation | | |
| 163.1 | | | B Hardfill around foundations | | -15,000 | | Value Engineered Saving | | |
| 163.2 | | | B Provide black weed mat | | 1,500 | | Contract Variation | | |
| 166.2 | | | B Replace D1127.1 and D3117.1 with 1200x600 access panels | -1,000 | | | Value Engineered Saving | | |
| 176.1 | | | B Vibration test pad removals | | 308 | | Secondary vibration | | |
| 191 | 2 | 191 | VO Light fittings plug top savings | | | | Value Engineered Saving | | |
| 209 | 4 | 209 | B Proceed with the chamber wall - Structural changes | | | -14,859 | Value Engineered Saving | | |
| 211 | | | B Underslab drainage change (CAN 030) | -350 | | 2,000 | Contract Variation | | |
| 223.2 | | | B Commes and power riser to main duct connections | 5,000 | | | Value Engineered Saving | | |

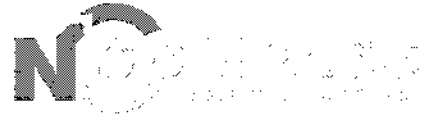
All

| Waitakere Central - Civic Centre | | | | | | | | | | | |
|---|--------|-------|--|-----------|-----------------|----------|----------------------------|--|--|--|--|
| VARIATIONS SUMMARY | | | | | | | | | | | |
| C.I. NO | VPR NO | VO NO | Description | Estimated | Canam Submitted | Agreed | Comments | | | | |
| | | | A Contract interpretation not involving any cost | | | | | | | | |
| | | | B Variation for immediate action (price submitted 1 month) | | | | | | | | |
| 231 | | | B Downpipe Delete | 250 | 10,272 | | Value Engineered Saving | | | | |
| 239 | | | B Exposed Agg panel 17, 18, 19 & 20 | 5,000 | | | Contract Variation | | | | |
| 241 | | | B Power & data PVC ducts between Grid A6 & A8 | -8,000 | | | Contract Variation | | | | |
| 265.2 | | | B Floor diffusers | 4,200 | | | Value Engineered Saving | | | | |
| 267.2 | | | B Brick Upstand (supersedes C1246) | 600 | | | Contract Variation | | | | |
| 269.1.1 | | | B Exposed aggregate panels; rebate joint | 500 | | | Contract Variation | | | | |
| 275.1.0 | | | B Resource consent - Removal of 5 protected trees | 1,000 | | | Contract Variation | | | | |
| 275.1.1 | | | B Resource consent - Removal of gas valve and associated enclosure | 500 | 8,042 | | Contract Variation | | | | |
| 276.1 | | | B Lift pits 1, 2, 3, 4 & 5 | 500 | | | Contract Variation | | | | |
| 283.1.0 | | | B Track level survey | 10,000 | | | Contract Variation | | | | |
| 297.1.0 | | | B Access Hatches to L1 Underfloor Duct | TBA | | | Contract Variation | | | | |
| 318.1.0 | | | B WC Pans Setout | TBA | | | Waiting Canam response | | | | |
| 321.1.0 | | | B Power Outlets for FIRE SERVICES | 2,000 | | | Waiting CMM response | | | | |
| 323.1.0 | | | B Underslab Outlet Box Insulation | 13,000 | | | Contract Variation | | | | |
| 330.1.0 | | | B Brick Types | 1,500 | | | Contract Variation | | | | |
| 334.1.0 | | | B Japanese Garden Power & Water | TBA | | | Contract Variation | | | | |
| 335.2.0 | | | B Council Chamber Floor Boxes | 7,000 | | | AV system | | | | |
| 341.1.0 | | | B Additional Data Ports | 5,000 | | | Contract Variation | | | | |
| 344.1.0 | | | B Amendment to building consent ABA 20042902/Drainage | TBA | | | Contract Variation | | | | |
| 348.1.0 | | | B Revised services drawing, submains | 7,000 | | | Waiting Canam confirmation | | | | |
| 353.1.0 | | | B Structural Steel grid lin AA | 5,000 | | | Contract Variation | | | | |
| 355.2.0 | | | B Height of brickwork | | | | Contract Variation | | | | |
| 357.1.0 | | | VO VPR 005 | | | | 4,808 | | | | |
| 357.2.0 | | | B Pink Insulation | | | | -13,770 | | | | |
| 357.3.0 | | | B Admin Bldg cable tray deleted | | | | | | | | |
| 358.1 | | | B Blockwork Starter | 1,000 | | | | | | | |
| 358.2 | | | B Floor sawing | | | | | | | | |
| 361.2 | | | B Airpro Technical Submissions # 4&5 | TBA | | | | | | | |
| 365.1 | | | B Delete Ground Beam | -100 | | | | | | | |
| 367.2 | | | B Response to ATC 430 / floor boxes | TBA | | | | | | | |
| 367.2.1 | | | B Conduits required to each floor box for AV cable | TBA | | | | | | | |
| | | | | 122,198 | 238,338 | -125,422 | | | | | |
| Total estimated and submitted and agreed | | | | | 235,114 | | | | | | |

A12

| Waitakere Central - Civic Centre | | | | | | | | | |
|--|-----|--|---------------------------|-------------------------|-----------|---------------|----------|--|--|
| VARIATIONS SUMMARY | | | | | | | | | |
| | | A Contract interpretation not involving any cost | | VO Variation Order | | | | | |
| | | B Variation for immediate action (price submitted 1 month) | | Canam | | | | | |
| C.I. | VPR | VO | Description | Estimated | Submitted | AGREED | COMMENTS | | |
| NO | NO | NO | | | | | | | |
| Sub Totals by category: | | | | | | | | | |
| | | | Secondary vibration costs | | 389,382 | | | | |
| | | | Value Engineered savings | | -392,142 | | | | |
| | | | Contract Variations | | 237,874 | | | | |
| | | | Check Total | | 235,114 | | | | |
| FINANCIAL STATUS SUMMARY | | | | | | | | | |
| | | | | At contract award 10/04 | Change | At April 2005 | | | |
| Tender sum | | | | 36,042,399 | - | 36,042,399 | | | |
| Primary vibration isolation | | | | 243,800 | - | 243,800 | | | |
| Secondary vibration isolation | | | | 200,000 | 189,382 | 389,382 | | | |
| Contract Variations | | | | 0 | 237,874 | 237,874 | | | |
| Value Engineered Savings | | | | 0 | -392,142 | -392,142 | | | |
| Provisional extension of time cost (31 days @ \$ 8890/day claimed) Under review - Estimated outcome should be not more than 20 days. | | | | 0 | 177,800 | 177,800 | | | |
| Contingency | | | | 2,000,000 | -212,914 | 1,787,086 | | | |
| Total Construction Cost (incl. contingency) | | | | 38,486,199 | | 38,486,199 | | | |

A13



PROJECT STATUS REPORT

PROJECT NAME: ST02018 – New Lynn Library and Memorial Square

CLIENT: Waitakere City Council

DATE OF REPORT: 20 April 2005

PROGRESS

- The first level of the Art Wall is now complete, together with the mezzanine floor, the shutters have been placed to pour the second level of the Art Wall.
- The landscape work around the memorial square is complete in anticipation of the Anzac Day Celebrations by New Lynn RSA.
- The Mechanical Services design is complete and has been reviewed by Dave Fulbrook, council appointed peer reviewer. Dave Fulbrook has raised a number of issues with Heatwave regarding their design. The following is a summation of the main issues.
 - Air supply to meeting room seems light.
 - They have queried the separation distance between the toilet extract and the air inlets.
 - Questioned that number of control zones in the Library
 - Requested confirmation that the acoustics have been checked for the library spill fans
 - Questioned weathering detail on the air inlets.
 - Questioned the number and location of temperature sensors.
 - Questioned how the make up air for smoke venting is arranged.
- The report has been forwarded to Heatwave for their response to the issues raised by Dave. Heatwave has indicated that the design is still on budget, a final price will be forwarded after these comments have been considered and included into the design.

BUDGET

Value management process is ongoing, although as the project progresses, the opportunities for identifying further savings are reducing, and the value of the savings are also reducing.

There have been no significant changes to the budget, updated figures will be provided to the next PCG.

QUALITY

Ongoing quality audits are being conducted by the architect, structural engineer and project managers.

HEALTH AND SAFETY

No lost time injuries have been recorded.

OTHER ISSUES AND COMMENTS

Issues desk – the cash handling issue has been resolved. CCM are to present a design for approval by 21 April for approval and subsequent issue to Watts & Hughes for pricing.

END