

ATTACHMENT B

NSW Institute of Sport

In November 2000 the State Minister for Sport and Recreation John Watkins launched the NSWIS Mobile Services program with the plan to develop and enhance the capacity of the Institutes of Sports high performance service unit to provide high quality services to the states Athletes & Coaches in their home town environment through NSW. This seen the appointment of Dual Olympian Jenny Luff as Program Coordinator in January 2001 and then the announcement of 9 High Performance Centres supporting 8 different sport across the state.

NSW's Nine High Performance Areas

Cycling – Bathurst

Canoeing – Byron Bay

Equestrian – Lochinvar

Sailing – Lake Macquarie

Snow Sports – Jindabine

Swimming – Far North Coast

Track and field – Newcastle, Illawarra

Triathlon – Lennox Head.

Appointed High Performance in Regional Areas (16 appointments)

Canoeing – Ben Hutchings - Australian Canoeing's Coach of the Year in 2001

Cycling – Mark Windsor - National coach on the track (2003 Tri nations) and Road (including 2001 World Road Championship, Lisbon).

Equestrian – Wayne Roycroft - Olympic coach and Triple Olympian

Sailing –Doug McGain - Olympic Coach

Snow Sports – Andrew Logan - Manager National Alpine Ski Team at 2 World alpine championships and on the world cup circuit

Swimming – Greg Salter - Australian and Olympian Coach, International Backstroke Expert,

Track and Field – Newcastle Max Debnam - former Olympic coach, Illawarra David Chisholm,

Triathlon – Justin Drew – NSWIS Head Coach and program manager.

ATTACHMENT C

EMAIL REGARDING SPORTS GROUND FENCE

From: Mark Windsor
Sent: Friday, 25 August 2006 11:01 AM
To: Bathurst Council (council@bathurst.nsw.gov.au)
Subject: FW: Replace Sportsground Fence - Bathurst

Hello Bathurst Regional Council.

See extra info on the fence for the Sports ground.

Thanks

Bathurst Cycling Club

From: Norm Sargent [mailto:janorm.dist@optusnet.com.au]
Sent: Thursday, 24 August 2006 2:54 PM
To: kevin.young@cycling.org.au
Cc: Mark Windsor
Subject: RE: Replace Sportsground Fence - Bathurst

Hi Mark

The UCI www.uci.ch have some regulations regarding fencing and they are as follows

FENCING

regulation number 3.6.087 page 61 (track racing section)

The outside edge of the track must be surrounded by a safety fence to protect riders and spectators. It must be stable and solidly mounted, with an overall height of at least 90cm. The inside part must be completely smooth and unbroken to a height of at least 65cm above the track. It must present no protrusions or projecting parts.

At the places where the area outside the track is at a level 1.5 metres or more below the outside edge of the track surface, additional protective measures (nets, panels, etc.) must be provided to reduce the risks resulting from riders accidentally leaving the track.

The colour of the outside fencing must contrast clearly with that of the track.

Any gates provided in the outside fencing must open outwards and be fitted with simple and reliable fastenings. They must be kept closed while racing and training is in progress

Take some photographs of Dunc Grey Velodrome and show to the Bathurst Council to help your case it would be great to have a rail completely around the Bathurst track similar to Dunc Grey for safety reasons

Norm Sargent

Vice President Technical

APPENDIX 6

General Design Discussion Points from Focus Group Workshop

1. Initial design doesn't include tunnel to infield for velodrome which was primarily made because of cost considerations – may consider if cost benefit analysis identifies a tunnel as a priority.
2. Following discussion with design team stakeholders would like the lay-out to provide space for adding supercrosse standard facilities, such as revised start area, at a later date.
3. Seek to maximise use of infield area of velodrome – consider including a bike education circuit
4. If velodrome circuit is to attract major events it would require banking at bends of approximately 32 degrees. However it is acknowledged that such banking makes it difficult for beginner and club level track cyclists. The incline of the track will have an impact on siting, track engineering and location of support amenity.
5. Current draft design of criterium circuit includes tight hairpin bends; options are reduce severity of bends, widen and bank bends and follow bends with area for cyclist correction.
6. The Criterium Circuit -The surface should be smooth and quality surface that should satisfy the requirements of all riders. The circuit should be between 800m and 1.2km, thus providing some flexibility in configuration of program spaces on the site. The Circuit should offer good levels of adhesion and a wide safe surface (preferably 8m, possibly slightly more in certain parts-finishing straight) with the Criterium Cycling Circuit to be suitable for all levels and abilities of rider from beginners through to elite; mixture of fast flat cycling combined with some more technically challenging corners with circuit options and easy grades at either end.
7. Preferable to have Criterium circuit with a central flat paved area joining front and rear portions of the track to add versatility and potential use for the venue. It can be used to divide the circuit into two separate tracks, as a base for set up of event infrastructure or marshalling area for competitors or used as a skills training area.
8. Current entry design requires review, including looking at an alternative major entry point such as College Road and consideration for entry to enable a finish point for road races (eg at Stromlo the park entrance has been designed to accommodate road racing finishes coming in from the public road system, with a spur road onto the cycling circuit off the main park entrance road. The exceptionally wide finishing straight is around 300m long and 11 metres wide providing a spectacular venue for road cycling sprint finishes in front of the pavilion.
9. Design team seeking an annual schedule of events, competitions and other activities for each discipline to develop an understanding of the impact each disciplines programs have on other program and amenity spaces and unavoidable conflicts in programming.
10. Review proposed surface of kermesse circuit.
11. High performance centre requirements need to be better understood.

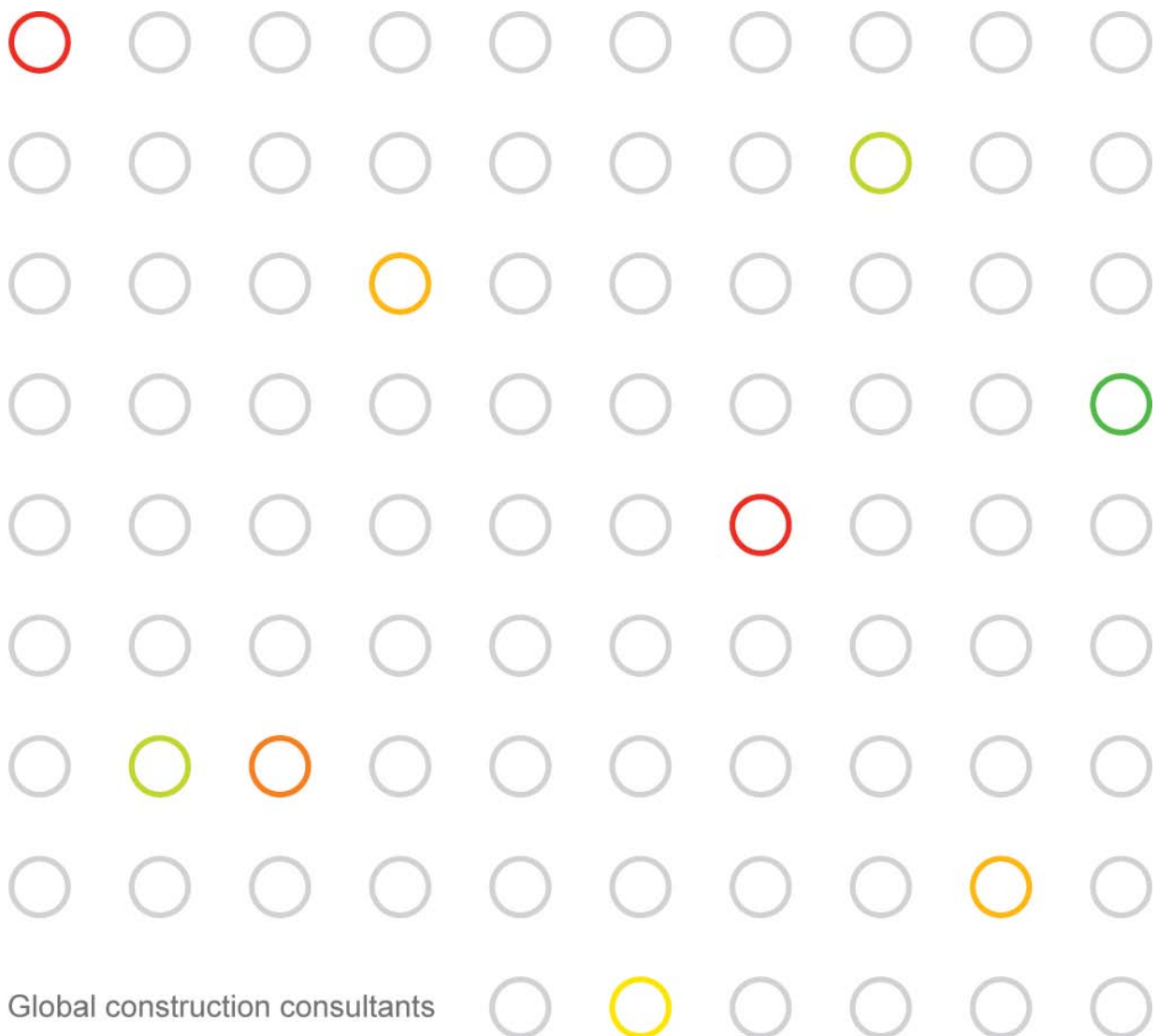
12. Concept Plan needs to consider mechanisms/ design features that enhance the operational viability and sustainability of the Park.
13. Seeking to avoid cross-overs in the mountain bike cross country circuit; however may need cross-overs to provide sufficient challenge in track to meet basic competition standards and/or challenging recreational trails.
14. Need large spaces set aside adjoining central amenity for temporary infrastructure and event staging areas.
15. Group have revised brief for mountain bike cross country circuit to incorporate a network of Mountain Bike trails to be developed in accordance with the International Mountain Bike Association's (IMBA) Trail Difficulty Rating System. (similar to the International Trail Marking System used at ski areas throughout the world) – design trail with at least 3 loop options. Interest in conducting 8, 12 and 24 hour events. Seeking feed-back from Council on whether there is potential to have any riding/ trail links with Mount Panorama circuit. Initial advice is that such an approach may be inconsistent with the Mount Panorama Strategic Plan.
16. Once draft concept plan is developed need to do an event/activity walk through for big events and large scale activities.
17. Group has revised expectations for the down-hill circuit to being an introductory/ recreation circuit as the hill allows for a circuit of less than 1 minute top to bottom which is well below event standard.
18. Mountain-bike track design needs to consider minimising impact on site and reducing erosion etc

APPENDIX 7

(Please Insert Detailed Capital Cost Estimate Report, Davis Langdon May 2010)

BATHURST BIKE PARK

Concept Cost Estimate | 27 May 2010



Project Contacts	
Client:	SGL Group Ltd
Architect:	Cox
Services Consultant:	Aurecon
Cost Manager:	Davis Langdon

Path information: \\MELBDATA\Dib\Projects\11273 - Bathurst Bike Park\2. Cost Planning\2.05 Masterplan (Cost Plan A)\REVISED COST REPORT INCLUDING STAGE 1\BBP - Concept Cost Plan Report 27th May.docx

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APPENDIX A – CONCEPT COST PLAN FOR ENTIRE BIKE PARK

APPENDIX B – CONCEPT COST PLAN FOR STAGE 1 OF BIKE PARK

APPENDIX C – CONCEPT COST PLAN FOR STAGE 2 OF BIKE PARK

APPENDIX D – CONCEPT COST PLAN FOR STAGE 3 OF BIKE PARK

DL Quality System					
Job Number/Ref:	11273	Revision Number:		Issue Date:	27 May 2010
Checked By:	Lee Williams	Controlled Doc No:		Author:	Katherine Kenny
Distribution:	SGL Group				

1. EXECUTIVE SUMMARY

Davis Langdon, Quantity Surveyors and Construction Cost Managers have prepared this Cost Plan report at the Concept Feasibility Stage for the Bathurst Bike Park in Bathurst, New South Wales.

The total project works comprise the following scope;

- A two level clubroom with stadium seating
- A new outdoor Velodrome with bitumen surface and lighting
- Kermesse long course mountain bike track
- Criterium short course mountain bike track
- Downhill mountain bike race track
- Cross country mountain bike tracks
- BMX Race track
- Junior bicycle education centre
- Carparking
- Sundry external works

As summarised below, the total project budget estimate including allowances for contingency, escalation and professional fees amounts to a total sum of \$9,340,000 if the project was carried out as a single project, without staging.

The cost for each stage is as follows;

- Stage 1 \$6,518,000
 - Based on construction commencing in the 1st quarter 2011
- Stage 2 \$1,299,000
 - Based on construction commencing in the 1st quarter 2012
- Stage 3 \$1,699,000
 - Based on construction commencing in the 1st quarter 2013

Each stage includes escalation to commencement and during construction resulting in a greater total project cost based on the staging of the works. This total cost is \$9,516,000, an additional \$176,000.

This Concept Feasibility Cost Plan Report provides an estimate of the construction and project costs and contains a full breakdown and also includes the basis of the Cost Plan in terms of design information used.

It should be noted that asphaltting to bike tracks has now been excluded. Rather, a \$100,000 allowance has been made for Lilydale topping or similar. This allowance is in line with the SGL instruction given on 27th May, 2010

Davis Langdon's assumptions and exclusions are listed in the report.

In preparing the cost plan we have assumed the procurement route will be a traditional fixed price lump sum contract, with a tender award in 2nd quarter 2011.

The cost plan has been prepared as an indicative budget estimate only, based on the very preliminary and outlines plans and documentation available.

The costs will need further verification and review upon further development and definition of the actual site requirements.

The clubroom costs are based upon a basic construction type with limited Fitout and Finishes. The infrastructure costs are included as an allowance only, and will need to be fully reviewed and developed by the services Engineer to ensure the assumed allowances are sufficient, when further information is available.

2. COST SUMMARY

The total project cost estimate is built up as follows;

Scope	Total \$
Construction Works	
New Clubroom	1,376,000
Velodrome and Lighting	1,391,000
Kermesse Long Course Track	475,000
Criterium Short Course Track	280,000
Mountain Bike Downhill Course	68,000
Mountain Bike Cross Country	486,000
BMX Race Track	698,000
Bicycle Education Training	101,000
Carparking at South	544,000
Carparking at College Road	682,000
External Works	413,000
Sub Total – Building Cost	6,513,000
Design Contingency (5%)	325,000
Construction Contingency (8%)	547,000
Prolongation Contingency (1%)	73,000
Sub Total – Project Contingencies	946,000
Total Construction Cost	7,459,000
Project Costs	
Headworks, Fees and Authority Charges	149,000
Consultant's Fees 10 %	760,000
Engineering Report Impact Allowance	400,000
Sub Total – Project Costs	1,309,000
Escalation Allowance	
Escalation To Construction Start (2 nd Qtr 2011)	351,000
Escalation From Tender To Completion (2 nd Qtr 2012)	218,000
Sub Total – Escalation Allowance	570,000
Total End Cost	9,340,000

3. DRAWINGS AND INFORMATION USED

The following information has been used in the preparation of the Concept Feasibility Cost Plan:

Architectural Documentation – Cox Architects

Clubhouse sketch design Received on 7th May 2010

Google Map image outlining scope

Overall site plan outlining bicycle tracks, velodrome and other facilities

Staging Plan

Site Plan received 27th May 2010 including new pedestrian pathway

Feasibility Study – Bathurst Regional Council

Received on 7th May 2010

Engineering Report – Aurecon

Received on 7th May 2010

4. ASSUMPTIONS

The table below describes the assumptions made by Davis Langdon in preparing the Clubhouse and bike track Cost Plan;

Substructure	Excavation Strip and pad footings Ground slab
Columns	Concrete columns Structural steel members
Upper Floors	Suspended concrete slabs on bondek/condek
External Walls	Precast concrete panels to Ground Floor Full height glazing to First Floor
Roof	Cantilevered structural steel framed roof with metal deck and rainwater disposal
Internal Walls	Block walls at ground floor and to new lifts Painted plasterboard lined partitions
Internal Screens	Glazed screens
Wall Finishes	Paint to surfaces
Floor Finishes	Carpet Vinyl sheet
Ceiling Finishes	Suspended painted plasterboard sheet ceiling
Fitments	Sundry allowance for metalwork , signage
Hydraulic Services	Standard sanitary fixtures
Fire Protection	Including fire protection to BCA code
Electrical Services	Internal and external lighting Power / Data / Communications
Mechanical Services	Air conditioning First Floor Mechanical ventilation Ground Floor
External Works	Bulk earthworks Land clearance for tracks including compacting Creation of bike paths with signage BMX track, fencing, starting pad Velodrome and lighting Junior bike education track Sealed carparking
External Services	Stormwater and sewer drainage Services infrastructure
Preliminaries	10% - Builder's preliminaries
Design Contingency	5% of construction cost
Prolongation Contingency	1% of construction cost plus design contingency
Construction Contingency	8% of construction cost plus design and procurement contingency
Construction Professional Fees	Lump sum allowance
Escalation	Allowance of 4%pa with contract award in 1 st Quarter 2011

5. TENDERING & MARKET ASSUMPTIONS

We have assumed the procurement method will be lump sum competitive tender based on full documentation.

This cost estimate has been priced at current day rates 2nd Quarter 2010. Escalation provisions have been made to the 2nd Quarter 2012.

6. EXCLUSIONS

This Cost Report excludes the following:

- Significant staging of the works is excluded.
- The cost impact of any town planning issues is excluded.
- Achievement of a specific Green Star rating is excluded.
- Traffic management costs are excluded.
- Hazardous materials removal
- Excavation in rock
- Specialist equipment
- PA Systems, Specialist track lighting, etc
- Playground equipment
- GST
- FF & E
- Information technology & communications
- AV Equipment
- Kitchen Fitout
- Sliding/Operable walls
- Retaining walls within the site
- Entry road modifications

Appendix A

[Cost Plan for Entire Park]

Project : Bathurst Bike Park

Cost Plan : Revised clubroom

Revision : ENTIRE PROJECT COSTS

Project Summary

No.	Description	Unit	Quantity	Rate	Total
	WHOLE PROJECT COST				
	Clubrooms				
1	Clubroom	m2	508	3,074	1,561,659
	Sub Total - Club Room				1,561,659
	Velodrome				
2	Velodrome				1,281,278
3	Velodrome Lighting				110,000
	Sub Total - Velodrome				1,391,278
	Kermesse Long Course Track				
4	Long course track				595,309
	Sub Total - Long Courses				595,309
	Criterium Short Course Track				
5	Short course track				350,592
	Sub Total - Short Course				350,592
	Mountain Bike Downhill				
6	Mountain bike downhill course				67,760
	Sub Total - Downhill course				67,760
	Mountain Bike Cross Country				
7	Mountain bike cross country course				605,561
	Sub Total - Cross Country				605,561
	BMX Race Track and Spectator Areas				
8	BMX Race Track				698,016
	Sub Total - BMX				698,016
	Bike Education Training				
9	Bike Ed training				100,628
	Sub Total - Bike Ed				100,628
	Carparking				
10	South Carparking				543,328
11	College Road carparking				682,550
	Sub Total - Carparking				1,225,878
	External Works				
12	External Works				231,000
	Sub Total - External Works				231,000
	Sub Total - Building and Track Cost				6,827,681
	Contingencies				
13	Design Contingency			5	341,384
	Carried Forward				7,169,065

Base Date : 1st Qtr 2010

Location Factor : 1.00

DL Project No. 11273

27-May-2010

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Project : Bathurst Bike Park

Cost Plan : Revised clubroom

Revision : ENTIRE PROJECT COSTS

Project Summary

No.	Description	Unit	Quantity	Rate	Total
	Brought Forward				7,169,065
1	Construction Contingency			8	573,525
2	Prolongation Contingency			1	77,426
	Sub Total - Project Contingencies				992,335
	Project Costs				
3	Headworks, Fees and Authority Charges			2	156,400
4	Consultant Fees			10	797,642
5	Allowance for potential Engineering Report impacts identified within the Aurecon report dated 14 May 2010				400,000
	Sub Total - Project Costs				1,354,042
	Sub Total - Total				9,174,058
	Escalation Allowance				
6	Escalation to construction commencement (allowing 12 months till commencement at 4% p.a)			4	366,962
7	Escalation during construction (allowing 12 months duration)			2	228,984
	Sub Total - Escalation				595,946
	GRAND TOTAL				9,770,004
	Exclusions				
8	Specialist Equipment				
9	Playground Equipment				
10	ITC				
11	Hazardous materials removal				
12	Excavation in rock				
13	Retaining walls				
14	Extensive grading				
15	Drainage to tracks				
16	Staging				
17	Entry Road modifications				
	Total				9,770,004

Base Date : 1st Qtr 2010

Location Factor : 1.00

DL Project No. 11273

27-May-2010

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Project : Bathurst Bike Park

Cost Plan : Revised clubroom

Revision : ENTIRE PROJECT COSTS

Clubroom

No.	Description	Unit	Elemental Qty	Elemental Rate	Total	\$/m2 GFA
	Substructure					
1	Substructure	m2		96	48,600	95.67
	Sub Total Substructure				48,600	95.67
	Superstructure					
2	Columns	m			25,400	50.00
3	Upper Floors	m2			132,900	261.61
4	Staircases	m/r			160,650	316.24
5	Roof	m2			67,200	132.28
6	External Walls	m2			252,900	497.83
7	Windows (included in external walls)	m2				
8	External Doors	No			16,000	31.50
9	Internal Walls	m2			138,450	272.54
10	Internal Doors	No			7,500	14.76
	Sub Total - Superstructure				801,000	1,576.76
	Finishes					
11	Wall Finishes	m2			28,480	56.06
12	Floor Finishes	m2			27,540	54.21
13	Ceiling Finishes	m2			34,470	67.85
	Sub Total - Finishes				90,490	178.12
	Fittings					
14	Fitments	m2			40,030	78.80
	Sub Total - Fittings				40,030	78.80
	Engineering Services					
15	Sanitary Fixtures	No			219,000	431.10
16	Water Supply	m2				
17	Sewer Drainage	No				
18	Gas Service	m2				
19	Space Heating	m2				
20	Ventilation	m2			14,400	28.35
21	Evaporative Cooling	m2				
22	Air Conditioning	m2			30,000	59.06
23	Fire Protection	m2				
24	Light and Power	m2			45,720	90.00
25	Communications	m2				
26	Transportation Systems	No				
27	Special Services	m2				
	Carried Forward				1,289,240	2,537.86

Base Date : 1st Qtr 2010

Location Factor : 1.00

DL Project No. 11273

27-May-2010

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Project : Bathurst Bike Park
 Cost Plan : Revised clubroom

Revision : ENTIRE PROJECT COSTS

Clubroom

No.	Description	Unit	Elemental Qty	Elemental Rate	Total	\$/m2 GFA
	Brought Forward				1,289,240	2,537.86
1	BWIC 5%	Item			15,450	30.41
	Sub Total Engineering Services				324,570	638.92
	External Services					
2	External Stormwater Drainage	Item			10,000	19.69
3	External Sewer Drainage	Item			35,000	68.90
4	External Water Supply	Item			30,000	59.06
5	External Gas	Item				
6	External Fire Protection	Item				
7	External Light and Power	Item			40,000	78.74
8	External Communications	m2				
9	External Special Services	m2				
10	External Alterations and Renovations	m2				
11	Special Provisions	m2				
	Sub Total - External Services				115,000	226.39
12	Preliminaries (10%)			10	141,969	279.47
	Total				1,561,659	3,074.13

Base Date : 1st Qtr 2010

Location Factor : 1.00

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Project : Bathurst Bike Park

Cost Plan : Revised clubroom

Revision : ENTIRE PROJECT COSTS

Clubroom

No.	Description	Unit	Quantity	Rate	Total
	Substructure				
1	Clear site of vegetation to building footprint	m2	300	10	3,000
2	Substructure to stadium and clubrooms	m2	290	120	34,800
3	Substructure to stadium seating	m2	108	100	10,800
	Total				<u>48,600</u>

Base Date : 1st Qtr 2010

Location Factor : 1.00

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Project : Bathurst Bike Park

Cost Plan : Revised clubroom

Revision : ENTIRE PROJECT COSTS

Clubroom

No.	Description	Unit	Quantity	Rate	Total
	Columns				
1	Columns to clubhouse Ground floor	m2	268	50	13,400
2	Columns to clubhouse First floor	m2	240	50	12,000
	Total				<u>25,400</u>

Base Date : 1st Qtr 2010

Location Factor : 1.00

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Project : Bathurst Bike Park

Cost Plan : Revised clubroom

Revision : ENTIRE PROJECT COSTS

Clubroom

No.	Description	Unit	Quantity	Rate	Total
	Upper Floors				
1	Allowance for first floor slabs	m2	335	340	113,900
2	Waterproofing and surface finish to balcony	m2	95	200	19,000
	Total				<u>132,900</u>

Base Date : 1st Qtr 2010

Location Factor : 1.00

DL Project No. 11273

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Project : Bathurst Bike Park

Cost Plan : Revised clubroom

Revision : ENTIRE PROJECT COSTS

Clubroom

No.	Description	Unit	Quantity	Rate	Total
	Staircases				
1	2000 Wide external steel stairs including all finishes and balustrade (1No.)	m/r	3	3,800	11,400
2	Tiered spectator seating assume precast plats 1m wide and including structural support framing	m	199	750	149,250
	Total				<u>160,650</u>

Base Date : 1st Qtr 2010

Location Factor : 1.00

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Project : Bathurst Bike Park

Cost Plan : Revised clubroom

Revision : ENTIRE PROJECT COSTS

Clubroom

No.	Description	Unit	Quantity	Rate	Total
	Roof				
1	Large cantilevered roof structure, purlins, metal deck and rain water goods	m2	336	200	67,200
	Total				<u>67,200</u>

Base Date : 1st Qtr 2010

Location Factor : 1.00

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Project : Bathurst Bike Park

Cost Plan : Revised clubroom

Revision : ENTIRE PROJECT COSTS

Clubroom

No.	Description	Unit	Quantity	Rate	Total
	External Walls				
1	Ground floor walls	m2	218	500	109,000
2	First floor walls	m2	199	500	99,500
3	Non glazed balustrade 1400 high to perimeter of balcony	m	74	600	44,400
4	Note: Glazed external concertina folding walls are excluded	Note			
	Total				252,900

Base Date : 1st Qtr 2010

Location Factor : 1.00

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Project : Bathurst Bike Park

Cost Plan : Revised clubroom

Revision : ENTIRE PROJECT COSTS

Clubroom

No.	Description	Unit	Quantity	Rate	Total
	External Doors				
1	Solid core door including frame and hardware	No	4	1,500	6,000
2	Pair of solid core door high including frame and hardware	No	4	2,500	10,000
	Total				16,000

Base Date : 1st Qtr 2010

Location Factor : 1.00

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Project : Bathurst Bike Park

Cost Plan : Revised clubroom

Revision : ENTIRE PROJECT COSTS

Clubroom

No.	Description	Unit	Quantity	Rate	Total
	Internal Walls				
1	Blockwalls core filled and reinforced to ground floor	m2	230	165	37,950
2	Toilet partitions	No	19	1,500	28,500
3	Shower partitions	No	10	1,500	15,000
4	Concertina operable walls to first floor rooms	m2	114	500	57,000
	Total				138,450

Base Date : 1st Qtr 2010

Location Factor : 1.00

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Project : Bathurst Bike Park

Cost Plan : Revised clubroom

Revision : ENTIRE PROJECT COSTS

Clubroom

No.	Description	Unit	Quantity	Rate	Total
	Internal Doors				
1	Single solid core doors incl frame and hardware	No	5	1,500	7,500
	Total				<u>7,500</u>

Base Date : 1st Qtr 2010

Location Factor : 1.00

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Project : Bathurst Bike Park

Cost Plan : Revised clubroom

Revision : ENTIRE PROJECT COSTS

Clubroom

No.	Description	Unit	Quantity	Rate	Total
	Wall Finishes				
1	Plasterboard wall linings to inside face of Ground Floor external walls	Exc			
2	Plasterboard wall linings to inside face of First Floor external walls	m2	96	40	3,840
3	Wall tiling to kitchen	m2	76	120	9,120
4	Wall tiling to showers and splashbacks in amenities	m2	46	120	5,520
5	Allowance for sundry finishes	Item			10,000
	Total				28,480

Base Date : 1st Qtr 2010

Location Factor : 1.00

DL Project No. 11273

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Project : Bathurst Bike Park

Cost Plan : Revised clubroom

Revision : ENTIRE PROJECT COSTS

Clubroom

No.	Description	Unit	Quantity	Rate	Total
	Floor Finishes				
1	Sealer to slabs at ground floor	m2	248	35	8,680
2	Resilient finish to ground floor kiosk	m2	40	75	3,000
3	Tactiles to top of stairs	No	1	900	900
4	Carpet to first floor	m2	232	60	13,920
5	Resilient flooring to servery	m2	8	130	1,040
6	No floor finishes to ground floor amenities other than sealer	Note			
	Total				27,540

Base Date : 1st Qtr 2010

Location Factor : 1.00

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Project : Bathurst Bike Park

Cost Plan : Revised clubroom

Revision : ENTIRE PROJECT COSTS

Clubroom

No.	Description	Unit	Quantity	Rate	Total
	Ceiling Finishes				
1	Raked plasterboard ceiling to first floor	m2	240	50	12,000
2	Flush plasterboard ceilings	m2	288	50	14,400
3	Soffit to balcony (exposed, unfinished)	Exc			
4	Paint finish	m2	538	15	8,070
	Total				34,470

Base Date : 1st Qtr 2010

Location Factor : 1.00

DL Project No. 11273

27-May-2010

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Project : Bathurst Bike Park

Cost Plan : Revised clubroom

Revision : ENTIRE PROJECT COSTS

Clubroom

No.	Description	Unit	Quantity	Rate	Total
	Fitments				
1	Allowance for shelving in store rooms	Item			15,000
2	Allowance for sundry metalwork, signage	m2	508	15	7,620
3	Statutory signage	m2	508	10	5,080
4	Toilet roll holder	No	19	150	2,850
5	Soap dispenser	No	9	100	900
6	Hand dryer	No	6	600	3,600
7	Set of grab rails	No	2	400	800
8	Mirrors	m2	19	220	4,180
9	Whitegoods	Exc			
10	Commercial kitchen fitout	Exc			
	Total				40,030

Base Date : 1st Qtr 2010

Location Factor : 1.00

DL Project No. 11273

27-May-2010

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Project : Bathurst Bike Park

Cost Plan : Revised clubroom

Revision : ENTIRE PROJECT COSTS

Clubroom

No.	Description	Unit	Quantity	Rate	Total
	Sanitary Fixtures				
1	Sanitary fixtures to amenities	No	68	3,000	204,000
2	Water tanks	No	1	15,000	15,000
	Total				<u>219,000</u>

Base Date : 1st Qtr 2010

Location Factor : 1.00

DL Project No. 11273

27-May-2010

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Project : Bathurst Bike Park

Cost Plan : Revised clubroom

Revision : ENTIRE PROJECT COSTS

Clubroom

No.	Description	Unit	Quantity	Rate	Total
	Ventilation				
1	Ventilation to ground floor area only	m2	288	50	14,400
	Total				14,400

Base Date : 1st Qtr 2010

Location Factor : 1.00

DL Project No. 11273

27-May-2010

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Project : Bathurst Bike Park

Cost Plan : Revised clubroom

Revision : ENTIRE PROJECT COSTS

Clubroom

No.	Description	Unit	Quantity	Rate	Total
	Air Conditioning				
1	Split system air conditioning	m2	240	125	30,000
	Total				<u>30,000</u>

Base Date : 1st Qtr 2010

Location Factor : 1.00

DL Project No. 11273

27-May-2010

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Project : Bathurst Bike Park

Cost Plan : Revised clubroom

Revision : ENTIRE PROJECT COSTS

Velodrome

No.	Description	Unit	Elemental Qty	Elemental Rate	Total	\$/m2 GFA
	Velodrome					
1	Clear site of vegetation	m2	6,324	12	75,888	
2	Bulk excavation to velodrome	m3	18,972	15	284,580	
3	Bulk earthworks to form velodrome mound	m3	6,156	40	246,240	
4	Bitumen surface to velodrome including base and linemarking	m2	2,720	140	380,800	
5	Fence/rail at upper perimeter of velodrome	m	333	150	49,950	
6	Gate access in fence	No	5	450	2,250	
7	Drainage to internal perimeter	m	333	150	49,950	
8	Turf to interior (part only, Bike Ed course in centre)	m2	3,757	20	75,140	
9	Bulk excavation and velodrome mounds are assumed to be created from balanced cut and fill	Note				
	Sub Total				1,164,798	
10	Preliminaries 10%			10	116,480	
	Total				1,281,278	0.00

Base Date : 1st Qtr 2010

Location Factor : 1.00

DL Project No. 11273

27-May-2010

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Project : Bathurst Bike Park

Cost Plan : Revised clubroom

Revision : ENTIRE PROJECT COSTS

Velodrome Lighting

No.	Description	Unit	Elemental Qty	Elemental Rate	Total	\$/m2 GFA
1	Allowance for lighting to velodrome	No			100,000	
2	Preliminaries			10	10,000	
	Total				110,000	0.00

Base Date : 1st Qtr 2010

Location Factor : 1.00

DL Project No. 11273

27-May-2010

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Project : Bathurst Bike Park

Cost Plan : Revised clubroom

Revision : ENTIRE PROJECT COSTS

Long course track

No.	Description	Unit	Elemental Qty	Elemental Rate	Total	\$/m2 GFA
1	Clear track, remove trees and scrub	m2	12,186	15	182,790	
2	Long course track 6m wide	m2	12,186	20	243,720	
3	Extra over long course track for an allowance of 15% of ashpalting	m2	1,828	60	109,680	
4	Signage, markers	Item			5,000	
	Sub Total				541,190	
5	Preliminaries			10	54,119	
	Total				595,309	0.00

Base Date : 1st Qtr 2010

Location Factor : 1.00

DL Project No. 11273

27-May-2010

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Project : Bathurst Bike Park

Cost Plan : Revised clubroom

Revision : ENTIRE PROJECT COSTS

Short course track

No.	Description	Unit	Elemental Qty	Elemental Rate	Total	\$/m2 GFA
1	Clear area, remove trees and scrub	m2	7,176	15	107,640	
2	Short course track 6m wide	m2	7,176	20	143,520	
3	Extra over short course track for an allowance of 15% for asphalt surface	m2	1,076	60	64,560	
4	Signage, markers	Item			3,000	
	Sub Total				318,720	
5	Preliminaries			10	31,872	
	Total				350,592	0.00

Base Date : 1st Qtr 2010

Location Factor : 1.00

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27-May-2010

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Project : Bathurst Bike Park

Cost Plan : Revised clubroom

Revision : ENTIRE PROJECT COSTS

Mountain bike downhill course

No.	Description	Unit	Elemental Qty	Elemental Rate	Total	\$/m2 GFA
1	Clear track, remove trees and scrub	m2	1,560	15	23,400	
2	Downhill track say 1.2m wide	m2	1,560	20	31,200	
3	Extra over downhill track for sealed breaking area at end	m2	50	80	4,000	
4	Signage, markers	Item			3,000	
	Sub Total				61,600	
5	Preliminaries			10	6,160	
	Total				67,760	0.00

Base Date : 1st Qtr 2010

Location Factor : 1.00

DL Project No. 11273

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Project : Bathurst Bike Park

Cost Plan : Revised clubroom

Revision : ENTIRE PROJECT COSTS

Mountain bike cross country course

No.	Description	Unit	Elemental Qty	Elemental Rate	Total	\$/m2 GFA
	Stage 1 Cross Country					
1	Clear track, remove trees and scrub	m2	5,816	15	87,240	
2	Cross country track say 1.2m wide	m2	5,816	20	116,320	
3	Extra over cross country track for an allowance of 15% asphaltting	m2	872	60	52,320	
4	Signage, markers	Item			10,000	
	Stage 2 Cross Country					
5	Clear track, remove trees and scrub	m2	6,242	15	93,630	
6	Cross country track say 1.2m wide	m2	6,242	20	124,840	
7	Extra over cross country track for an allowance of 15% asphaltting	m2	936	60	56,160	
8	Signage, markers	Item			10,000	
	Sub Total				284,630	
9	Preliminaries			10	55,051	
	Total				605,561	0.00

Base Date : 1st Qtr 2010

Location Factor : 1.00

DL Project No. 11273

27-May-2010

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Project : Bathurst Bike Park

Cost Plan : Revised clubroom

Revision : ENTIRE PROJECT COSTS

BMX Race Track

No.	Description	Unit	Elemental Qty	Elemental Rate	Total	\$/m2 GFA
1	Bulk earthworks, grading and compacting to form BMX track approx 420 m long	m3	6,048	70	423,360	
2	Asphalt to starting lanes and pad including linemarking	m2	80	80	6,400	
3	Asphalt to 30% of race track including linemarking	m2	1,008	80	80,640	
4	8m Wide hinged flap down starting gate and grid	No	1	2,500	2,500	
5	Shelter over starting hill	Item			12,000	
6	Scoreboard and billboard structure	Item			30,000	
7	Chainlink perimeter fence to track	m	340	65	22,100	
8	Entry gate to chainlink fence	No	4	300	1,200	
9	Signage, sundry fixtures	Item	1	3,000	3,000	
10	Crushed rock platform to spectator viewing platforms	m2	976	20	19,520	
11	Balustrade to viewing platforms	m	282	120	33,840	
	Sub Total				634,560	
12	Preliminaries			10	63,456	
	Total				698,016	0.00

Base Date : 1st Qtr 2010

Location Factor : 1.00

DL Project No. 11273

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Project : Bathurst Bike Park

Cost Plan : Revised clubroom

Revision : ENTIRE PROJECT COSTS

Bike Ed training

No.	Description	Unit	Elemental Qty	Elemental Rate	Total	\$/m2 GFA
1	Junior bicycle education training track	m2	679	120	81,480	
2	Signage	Item			5,000	
3	Linemarking	Item			5,000	
	Sub Total				91,480	
4	Preliminaries			10	9,148	
	Total				100,628	0.00

Base Date : 1st Qtr 2010

Location Factor : 1.00

DL Project No. 11273

27-May-2010

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Project : Bathurst Bike Park

Cost Plan : Revised clubroom

Revision : ENTIRE PROJECT COSTS

South Carparking

No.	Description	Unit	Elemental Qty	Elemental Rate	Total	\$/m2 GFA
1	Carparking for 289 car spaces	m2	4,656	80	372,480	
2	Kerbs	m	400	60	24,000	
3	Linemarking per car	No	289	15	4,335	
4	Car park pole lighting	m2	4,656	20	93,120	
	Sub Total				493,935	
5	Preliminaries			10	49,394	
	Total				543,329	0.00

Base Date : 1st Qtr 2010

Location Factor : 1.00

DL Project No. 11273

27-May-2010

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Project : Bathurst Bike Park

Cost Plan : Revised clubroom

Revision : ENTIRE PROJECT COSTS

College Road carparking

No.	Description	Unit	Elemental Qty	Elemental Rate	Total	\$/m2 GFA
1	College Road Carparking	m2	5,500	80	440,000	
2	Kerbs	m	900	60	54,000	
3	Linemarking	m2	5,500	3	16,500	
4	Car park pole lighting	m2	5,500	20	110,000	
	Sub Total				620,500	
5	Preliminaries			10	62,050	
	Total				682,550	0.00

Base Date : 1st Qtr 2010

Location Factor : 1.00

DL Project No. 11273

27-May-2010

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Project : Bathurst Bike Park

Cost Plan : Revised clubroom

Revision : ENTIRE PROJECT COSTS

External Works

No.	Description	Unit	Elemental Qty	Elemental Rate	Total	\$/m2 GFA
	Pathways					
1	Allowance for footpaths to access courses, facilities	Item			40,000	
	Landscaping					
2	Allowance for landscaping	Exc				
3	Allowance for seating, bins, bike racks	Item			20,000	
	External Services					
4	External Stormwater Drainage, tanks etc	Item			50,000	
5	External Sewer Drainage	Exc				
6	External Water Supply	Exc				
7	External Light and Power	Item			100,000	
8	Preliminaries			10	21,000	
	Total				231,000	0.00

Base Date : 1st Qtr 2010

Location Factor : 1.00

DL Project No. 11273

27-May-2010

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Project : Bathurst Bike Park
 Cost Plan : Revised clubroom

Review of ENTIRE PROJECT COSTS Report impacts identified within the Aurecon report dated 14 May 2010

No.	Description	Unit Item	Elemental Qty	Elemental Rate	Total	\$/m2 GFA
1	Allowance for potential works as identified in the Aurecon Report				400,000	
	Total				400,000	0.00

Base Date : 1st Qtr 2010

Location Factor : 1.00

DL Project No. 11273

27-May-2010

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Appendix B

[Cost Plan for Stage 1]

Project : Bathurst Bike Park

Cost Plan : A

Revision : Bathurst Stage 1

Project Summary

No.	Description	Unit	Quantity	Rate	Total
	S T A G E 1				
	Clubrooms Ground Floor Level Only				
1	Clubroom	m2	480	2,089	1,002,898
	Sub Total Club Room				1,002,898
	Velodrome				
2	Velodrome				1,281,278
3	Velodrome Lighting				110,000
	Sub Total Velodrome				1,391,278
	Mountain Bike Downhill				
4	Mountain bike downhill course				67,760
	Sub Total Downhill				
	Mountain Bike Cross Country Stage 1 only				
5	Mountain bike cross country course				234,916
	Sub Total Cross Country				234,916
	BMX Race Track and Spectator Areas				
6	BMX Race Track				698,016
	Sub Total BMX				698,016
	Bike Education Training				
7	Bike Ed training				100,628
	Sub Total Bike Ed				100,628
	Carparking				
8	South Carparking				543,328
	Sub Total Carparks				543,328
	External Works				
9	External Works				413,006
	Sub Total External Works				
	Sub Total Building and Track Costs				4,451,830
	Contingencies				
10	Design Contingency			5	222,592
11	Construction Contingency			8	373,954
12	Prolongation Contingency			1	50,484
	Sub Total - Project contingencies				647,030
	Project Costs				
13	Headworks, Fees and Authority Charges			2	101,977
14	Consultant Fees			10	520,084
	Carried Forward				5,720,921

Base Date : 1st Qtr 2010

Location Factor : 1.00

DL Project No. 11273

27-May-2010

Page 1 of 27

Project : Bathurst Bike Park

Cost Plan : A

Revision : Bathurst Stage 1

Project Summary

No.	Description	Unit	Quantity	Rate	Total
	Brought Forward				5,720,921
1	Allowance for potential Engineering Report impacts identified within the Aurecon report dated 14 May 2010				400,000
	Sub Total Project Costs				1,022,061
	Escalation Allowance				
2	Escalation to construction commencement (allowing 12 months till commencement at 4% p.a)			4	244,837
3	Escalation during construction (allowing 12 months duration)			2	152,778
	Exclusions				
4	Specialist Equipment				
5	Playground Equipment				
6	ITC				
7	Hazardous materials removal				
8	Excavation in rock				
9	Retaining walls				
10	Extensive grading				
11	Drainage to tracks				
12	Staging				
13	Entry Road modifications				
	Total				6,518,536

Base Date : 1st Qtr 2010

Location Factor : 1.00

DL Project No. 11273

27-May-2010

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Project : Bathurst Bike Park

Davis Langdon 

Cost Plan : A

Revision : Bathurst Stage 1

Clubroom

No.	Description	Unit	Elemental Qty	Elemental Rate	Total	\$/m2 GFA
	Substructure					
1	Substructure	m2		96	42,840	89.25
	Sub Total Substructure				42,840	89.25
	Superstructure					
2	Columns	m			13,400	27.92
3	Upper Floors (now roof)	m2			0	0.00
4	Staircases	m/r			160,650	334.69
5	Roof	m2			122,640	255.50
6	External Walls	m2			153,400	319.58
7	Windows (included in external walls)	m2				
8	External Doors	No			16,000	33.33
9	Internal Walls	m2			48,615	101.28
10	Internal Doors	No			3,000	6.25
	Sub Total - Superstructure				517,705	1,078.55
	Finishes					
11	Wall Finishes	m2			20,840	43.42
12	Floor Finishes	m2			12,580	26.21
13	Ceiling Finishes	m2			18,720	39.00
	Sub Total - Finishes				52,140	108.63
	Fittings					
14	Fitments	m2			27,720	57.75
	Sub Total - Fittings				27,720	57.75
	Engineering Services					
15	Sanitary Fixtures	No			111,000	231.25
16	Water Supply	m2				
17	Sewer Drainage	No				
18	Gas Service	m2				
19	Space Heating	m2				
20	Ventilation	m2			12,000	25.00
21	Evaporative Cooling	m2				
22	Air Conditioning	m2				
23	Fire Protection	m2				
24	Light and Power	m2			25,920	54.00
25	Communications	m2				
26	Transportation Systems	No				
27	Special Services	m2				
	Carried Forward				789,325	1,644.43

Base Date : 1st Qtr 2010

Location Factor : 1.00

DL Project No. 11273

27-May-2010

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Project : Bathurst Bike Park

Cost Plan : A

Revision : Bathurst Stage 1

Clubroom

No.	Description	Unit	Elemental Qty	Elemental Rate	Total	\$/m2 GFA
	Brought Forward				789,325	1,644.43
1	BWIC 5%	Item			7,400	15.42
	Sub Total Engineering Services				156,320	325.67
	External Services					
2	External Stormwater Drainage	Item			10,000	20.83
3	External Sewer Drainage	Item			35,000	72.92
4	External Water Supply	Item			30,000	62.50
5	External Gas	Item				
6	External Fire Protection	Item				
7	External Light and Power	Item			40,000	83.33
8	External Communications	m2				
9	External Special Services	m2				
10	External Alterations and Renovations	m2				
11	Special Provisions	m2				
	Sub Total - External Services				115,000	239.58
12	Preliminaries (10%)			10	91,172	189.94
13	Derivative					
	Total				1,002,897	2,089.37

Base Date : 1st Qtr 2010

Location Factor : 1.00

DL Project No. 11273

27-May-2010

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Project : Bathurst Bike Park

Cost Plan : A

Davis Langdon 

Revision : Bathurst Stage 1

Clubroom

No.	Description	Unit	Quantity	Rate	Total
	Substructure				
1	Clear site of vegetation to building footprint	m2	300	10	3,000
2	Substructure to stadium and clubrooms	m2	242	120	29,040
3	Substructure to stadium seating	m2	108	100	10,800
	Total				<u>42,840</u>

Base Date : 1st Qtr 2010

Location Factor : 1.00

DL Project No. 11273

27-May-2010

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Project : Bathurst Bike Park

Cost Plan : A

Revision : Bathurst Stage 1

Clubroom

No.	Description	Unit	Quantity	Rate	Total
	Columns				
1	Columns to clubhouse Ground floor	m2	268	50	13,400
	Total				<u>13,400</u>

Base Date : 1st Qtr 2010

Location Factor : 1.00

DL Project No. 11273

27-May-2010

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Project : Bathurst Bike Park

Cost Plan : A

Revision : Bathurst Stage 1

Clubroom

No.	Description	Unit	Quantity	Rate	Total
	Staircases				
1	2000 Wide external steel stairs including all finishes and balustrade (1No.)	m/r	3	3,800	11,400
2	Tiered spectator seating assume precast plats 1m wide and including structural support framing	m	199	750	149,250
	Total				<u>160,650</u>

Base Date : 1st Qtr 2010

Location Factor : 1.00

DL Project No. 11273

27-May-2010

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Project : Bathurst Bike Park

Cost Plan : A

Davis Langdon 

Revision : Bathurst Stage 1

Clubroom

No.	Description	Unit	Quantity	Rate	Total
	Roof				
1	Concrete roof slab including waterproof membrane	m2	336	365	122,640
	Total				<u>122,640</u>

Base Date : 1st Qtr 2010

Location Factor : 1.00

DL Project No. 11273

27-May-2010

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Project : Bathurst Bike Park

Cost Plan : A

Davis Langdon 

Revision : Bathurst Stage 1

Clubroom

No.	Description	Unit	Quantity	Rate	Total
	External Walls				
1	Ground floor walls	m2	218	500	109,000
2	Non glazed balustrade 1400 high to perimeter of balcony	m	74	600	44,400
	Total				153,400

Base Date : 1st Qtr 2010

Location Factor : 1.00

DL Project No. 11273

27-May-2010

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Project : Bathurst Bike Park

Cost Plan : A

Revision : Bathurst Stage 1

Clubroom

No.	Description	Unit	Quantity	Rate	Total
	External Doors				
1	Solid core door including frame and hardware	No	4	1,500	6,000
2	Pair of solid core door high including frame and hardware	No	4	2,500	10,000
	Total				16,000

Base Date : 1st Qtr 2010

Location Factor : 1.00

DL Project No. 11273

27-May-2010

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Project : Bathurst Bike Park

Cost Plan : A

Revision : Bathurst Stage 1

Clubroom

No.	Description	Unit	Quantity	Rate	Total
	Internal Walls				
1	Blockwalls core filled and reinforced to ground floor	m2	131	165	21,615
2	Toilet partitions	No	12	1,500	18,000
3	Shower partitions	No	6	1,500	9,000
	Total				<u>48,615</u>

Base Date : 1st Qtr 2010

Location Factor : 1.00

DL Project No. 11273

27-May-2010

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Project : Bathurst Bike Park

Cost Plan : A

Davis Langdon 

Revision : Bathurst Stage 1

Clubroom

No.	Description	Unit	Quantity	Rate	Total
	Internal Doors				
1	Single solid core doors incl frame and hardware	No	2	1,500	3,000
	Total				<u>3,000</u>

Base Date : 1st Qtr 2010

Location Factor : 1.00

DL Project No. 11273

27-May-2010

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Project : Bathurst Bike Park

Cost Plan : A

Revision : Bathurst Stage 1

Clubroom

No.	Description	Unit	Quantity	Rate	Total
	Wall Finishes				
1	Plasterboard wall linings to inside face of Ground Floor external walls	Exc			
2	Plasterboard wall linings to inside face of first floor external walls	m2	96	40	3,840
3	Wall tiling to kitchen	m2	76	120	9,120
4	Wall tiling to showers and splashbacks in amenities	m2	24	120	2,880
5	Allowance for sundry finishes	Item			5,000
	Total				20,840

Base Date : 1st Qtr 2010

Location Factor : 1.00

DL Project No. 11273

27-May-2010

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Project : Bathurst Bike Park

Cost Plan : A

Davis Langdon 

Revision : Bathurst Stage 1

Clubroom

No.	Description	Unit	Quantity	Rate	Total
	Floor Finishes				
1	Sealer to slabs at ground floor	m2	248	35	8,680
2	Resilient finish to ground floor kiosk	m2	40	75	3,000
3	Tactiles to top of stairs	No	1	900	900
4	No floor finishes to ground floor amenities other than sealer	Note			
	Total				12,580

Base Date : 1st Qtr 2010

Location Factor : 1.00

DL Project No. 11273

27-May-2010

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Project : Bathurst Bike Park

Cost Plan : A

Revision : Bathurst Stage 1

Clubroom

No.	Description	Unit	Quantity	Rate	Total
Ceiling Finishes					
1	Flush plasterboard ceilings	m2	288	50	14,400
2	Paint finish	m2	288	15	4,320
Total					18,720

Base Date : 1st Qtr 2010

Location Factor : 1.00

DL Project No. 11273

27-May-2010

Page 15 of 27

Project : Bathurst Bike Park

Cost Plan : A

Revision : Bathurst Stage 1

Clubroom

No.	Description	Unit	Quantity	Rate	Total
	Fitments				
1	Allowance for shelving in store rooms	Item			15,000
2	Allowance for sundry metalwork, signage	m2	240	15	3,600
3	Statutory signage	m2	240	10	2,400
4	Toilet roll holder	No	12	150	1,800
5	Soap dispenser	No	4	100	400
6	Hand dryer	No	4	600	2,400
7	Set of grab rails	No	2	400	800
8	Mirrors	m2	6	220	1,320
9	Commercial kitchen fitout	Exc			
	Total				27,720

Base Date : 1st Qtr 2010

Location Factor : 1.00

DL Project No. 11273

27-May-2010

Page 16 of 27

Project : Bathurst Bike Park

Cost Plan : A

Revision : Bathurst Stage 1

Clubroom

No.	Description	Unit	Quantity	Rate	Total
	Sanitary Fixtures				
1	Sanitary fixtures to amenities	No	32	3,000	96,000
2	Water tanks	No	1	15,000	15,000
	Total				111,000

Base Date : 1st Qtr 2010

Location Factor : 1.00

DL Project No. 11273

27-May-2010

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Project : Bathurst Bike Park

Cost Plan : A

Revision : Bathurst Stage 1

Clubroom

No.	Description	Unit	Quantity	Rate	Total
	Ventilation				
1	Ventilation to ground floor area only	m2	240	50	12,000
	Total				<u>12,000</u>

Base Date : 1st Qtr 2010

Location Factor : 1.00

DL Project No. 11273

27-May-2010

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Clubroom

No.	Description	Unit	Quantity	Rate	Total
1	Light and Power	m2	288	90	25,920
	Total				25,920

Base Date : 1st Qtr 2010	

Location Factor : 1.00

DL Project No. 11273

27-May-2010

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Project : Bathurst Bike Park

Cost Plan : A

Revision : Bathurst Stage 1

Velodrome

No.	Description	Unit	Elemental Qty	Elemental Rate	Total	\$/m2 GFA
	Velodrome					
1	Clear site of vegetation	m2	6,324	12	75,888	
2	Bulk excavation to velodrome	m3	18,972	15	284,580	
3	Bulk earthworks to form velodrome mound	m3	6,156	40	246,240	
4	Bitumen surface to velodrome including base and linemarking	m2	2,720	140	380,800	
5	Fence/rail at upper perimeter of velodrome	m	333	150	49,950	
6	Gate access in fence	No	5	450	2,250	
7	Drainage to internal perimeter	m	333	150	49,950	
8	Turf to interior (part only, Bike Ed course in centre)	m2	3,757	20	75,140	
9	Bulk excavation and velodrome mounds are assumed to be created from balanced cut and fill	Note				
	Sub Total				1,164,798	
10	Preliminaries 10%			10	116,480	
	Total				1,281,278	0.00

Base Date : 1st Qtr 2010

Location Factor : 1.00

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Velodrome Lighting

No.	Description	Unit	Elemental Qty	Elemental Rate	Total	\$/m2 GFA
1	Allowance for lighting to velodrome	No			100,000	
2	Preliminaries 10%			10	10,000	
	Total				110,000	0.00

Base Date : 1st Qtr 2010

Location Factor : 1.00

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