# RLB | Rider Levett Bucknall

Rider Levett Bucknall NSW Pty Ltd ABN 94 003 234 026

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21 November 2013

Ionic Management 22 Gadigal Avenue ZETLAND, NSW, 2017

Attention: Chris Ryan

Dear Sir,

# KIRRAWEE RETAIL/RESIDENTIAL DEVELOPMENT, NSW QUANTITY SURVEYOR'S CERTIFICATE OF COST

As requested we have prepared this Quantity Surveyor's Certificate of Cost to verify the Capital Investment Value of the project.

We advise that our estimate of Capital Investment Value for this project is \$280,860,000 excluding GST, based on current market rates. A copy of this estimate is enclosed.

We trust the above is self explanatory however, if you have any queries please do not hesitate to contact us.

Yours faithfully,

Richard Rigby Director

Rider Levett Bucknall richard.rigby@au.rlb.com



Description	INDICATIVE BUDGET ESTIMATE - NOVEMBER 2013 PRICES						
•	No.	m2/unit	Quantity	m2 (GFA)	\$/m2	\$	
1 SITE PREPARATION							
Demolish existing buildings						10,000	
Removal of existing slabs, foundations, etc						50,000	
Removal/protection of existing trees, vegetation, etc						100,000	
Strip and stockpile topsoil						50,000	
Pumping and disposal of water from pit & dewatering			55.39 ML			250,000	
Site decontamination						Excluded	
Disposal of solid waste						Excluded	
Sub-total for Site Preparation				-		460,000	
2 BULK EXCAVATION				-			
Bulk excavation (assumed - detail TBA)						1,140,000	
Shoring along Princess Highway				-		Excluded	
Shoring along Oak Road				-		Excluded	
Shoring along Flora Street						1,075,000	
Allowance for anchors						190,000	
Underpinning along Eastern boundary				-		Excluded	
Fill pit under building area			15000 m3	-	15	225,000	
Cart away excess excavated material			10000 m3	-	10	100,000	
Allow gabion style retaining wall for park pit filling						-	
Sub-total for Bulk Excavation				-		2,730,000	
3 CAR PARKING							
Residential car park level B2 - upper (tanked)	134 No.					2,215,000	
Residential car park level B2 - lower (tanked)	626 No.					5,225,000	
Extra over for piling to B2					Item	450,000	
Retail car park level B1 - lower & upper	239 No.					10,790,000	
Retail Car park to Ground	38 No.					555,500	
Residential car park level 1	268 No.					3,868,875	
Extra Over for residential lift stops in car park			9 No.		18,000	Included	
Extra for car park traffic management system						235,000	
Extra for truck turntable 20M diameter				Item		Excluded	
OSD Tank	1007.1					200,000	
Sub-total for Basement Car Parking Levels	1267 No. \$18.579 p	- er car space		-		23,539,375	
4 Basement 1 & 2 / Retail	+ -, F						
Retail (cold shell)				448	855	383,040	
Retail lobby - Basement 1				56	1,500	84,000	
Loading Dock					.,	1,993,000	
Lift stopping at loading dock			6 No.			Included	
Extra over for entry ramp to loading dock			118 m2		350	41,300	
Plant and BOH circulation			500 m2		475	237,500	
Substation			143 m2		1,425	203,775	
Sub-total for Basement Car Parking Levels	-	-	767	504	4,605	2,942,615	
5 RETAIL/ GROUND & MEZZANINE LEVEL							
Showroom (cold shell)						3,575,000	
Retail 1 (cold shell)				822	855	702,810	
Retail 2 (cold shell)				111	855	94,905	
Retail 3 (cold shell)				195	855	166,725	
Retail 4 (cold shell)				269	855	229,995	
Retail 5 (cold shell)				466	855	398,430	
Retail 6 (cold shell)				106	855	90,630	
Retail 7 (cold shell)				317	855	271,035	
Retail 8 (cold shell)				636	855	543,780	
First choice liquor (incl lessor works)						2,295,000	
Retail (cold shell, incl shopfronts)				1,475	1,050	1,548,750	
Supermarket (incl lessor works)				.,	1,000	7,940,000	
Liquorland (incl lessor works)				194	1,800	349,200	
				107	1,000	0-10,200	

Description	INDICATIVE BUDGET ESTIMATE - NOVEMBER 2013 PRICES						
	No.	m2/unit	Quantity	m2 (GFA)	\$/m2	\$	
Toilet block/Parents room				100	4,000	400,000	
Plant & back of house circulation, etc				215	1,500	322,500	
Lift stopping at ground floor			12 No.		25,000	300,000	
Retail lobby				306	1,400	428,400	
Retail loading dock				437	750	327,750	
Travellator between car park and G			4 No.		215,000	860,000	
Paved open mall & public circulation						3,305,000	
Roof slab over Retail						6,683,000	
Landscaped area				4,600	330	1,518,000	
Extra over for covered awning over travelators			1110 m2	1,110	450	499,500	
Pergola structure				1,082	615	665,430	
Feature & security lighting					item	175,000	
Glazed canopy over pedestrian entries						150,000	
Extra over for pedaestrian ramp				item		50,000	
Extra over for structural transfers						150,000	
Roadway				3,066	570	1,747,620	
Paved walkway area, including carparking						2,557,500	
Residential access staircase from Flora Street			5 m/r		6,000	30,000	
Restoration/preservation of existing brick kiln				item		100,000	
Signage						250,000	
Sub-total for Retail/Ground & Mezzanine Level				5,649	6,855	38,725,960	
6 Level 1							
Showroom (cold shell)				1,302	1,235	1,607,970	
Plant and BOH circulation, etc				625	1,140	712,500	
Roof slab over showroom				1,302	250	325,500	
Landscaped roof over Ground Level				3,000	250	750,000	
Landscaped roof over Level 1 parking				3,325	250	831,250	
Feature & security lighting					item	50,000	
Extra over for structural transfers						350,000	
Allow recreation equipment, BBQ, etc					Item	75,000	
Sub-total for Level 1 Areas				6,325	743	4,702,220	
7 BLOCK A - no sprinklers							
1 Bed Apartment + media	12 No.	55.00		638	20.0%		
1 Bed Apartment + Utility		60.00		638	0.0%		
2 Bed Apartment	6 No.	75.00		638	10.0%		
2 Bed Apartment + 2 Bath	24 No.	80.00		638	40.0%		
2 Bed Apartment + 2 Bath + Utility	12 No.	85.00		638	20.0%		
3 Bed Apartment - Compact	6 No.	95.00		638	10.0%		
3 Bed Apartment - Premium		115.00		638	0.0%		
NLA	60 No.	74.43		4,466		-	
Circulation	60 No.	21.67		1,300	23%		
Total FECA	60 No.	96.10		5,766	2,065	11,906,790	
Balconies (Indicative areas)							
1 Bed Apartment + media	12 No.	10.00		120			
1 Bed Apartment + Utility	0 No.	10.00		-			
2 Bed Apartment	6 No.	15.00		90			
2 Bed Apartment + 2 Bath	24 No.	15.00		360			
2 Bed Apartment + 2 Bath + Utility	12 No.	15.00		180			
3 Bed Apartment - Compact	6 No.	25.00		150			
3 Bed Apartment - Premium	0 No.	25.00		-			
Roof	60 No.	15.00		900	760	684,000	
Rooftop plant room				150	1,235	185,250	
			1215 m2	150	380		
Roof over Building A			12131112	150	300	461,700 646,950	
Sub-total for Block A	60 No.	113.60		6,816	1,942	13,237,740	

Description	I	ER 2013 PRIC	2013 PRICES			
	No.	m2/unit	Quantity	m2 (GFA)	\$/m2	\$
8 BLOCK B - no sprinklers						
1 Bed Apartment + media	6 No.	55.00		685	9.1%	
1 Bed Apartment + Utility	6 No.	60.00		685	9.1%	
2 Bed Apartment	6 No.	75.00		685	9.1%	
2 Bed Apartment + 2 Bath	24 No.	80.00		685	36.4%	
2 Bed Apartment + 2 Bath + Utility	24 No.	85.00		685	36.4%	
3 Bed Apartment - Compact		95.00		685	0.0%	
3 Bed Apartment - Premium		115.00		685	0.0%	
NLA	66 No.	72.65		4,795	0.070	-
Circulation	66 No.	24.85		1,640	25%	
Total FECA	66 No.	97.50		6,435	2,065	13,288,275
Balconies (Indicative areas)	00 110.	57.50		0,400	2,000	10,200,270
1 Bed Apartment + media	6 No.	10.00		60		
1 Bed Apartment + Utility	6 No.	10.00		60 60		-
						-
2 Bed Apartment	6 No.	15.00		90		-
2 Bed Apartment + 2 Bath	24 No.	15.00		360		-
2 Bed Apartment + 2 Bath + Utility	24 No.	15.00		360		-
3 Bed Apartment - Compact		25.00		-		-
3 Bed Apartment - Premium		25.00		-		-
	66 No.	14.09		930	760	706,800
Roof						
Rooftop plant room				150	1,235	185,250
Roof over Building B			1283 m2		380	487,540
				150		672,790
Sub-total for Block B	66 No.	113.86		7,515	1,952	14,667,865
		er apartment		.,	-,	, ,
9 BLOCK C - no sprinklers						
1 Bed Apartment + media	10 No.	55.00		560	16.4%	
1 Bed Apartment + Utility		60.00		560	0.0%	
2 Bed Apartment		75.00		560	0.0%	
2 Bed Apartment + 2 Bath	45 No.	80.00		560	73.8%	
2 Bed Apartment + 2 Bath + Utility	1 No.	85.00		560	1.6%	
3 Bed Apartment - Compact	5 No.	95.00		560	8.2%	
3 Bed Apartment - Premium		115.00		560	0.0%	
. NLA	61 No.	64.26		3,920		-
Circulation		34.72		2,118	35%	
Total FECA		98.98		6,038	2,065	12,468,470
Balconies (Indicative areas)	011101	00100		0,000	2,000	,,
1 Bed Apartment + media	10 No.	10		100		-
1 Bed Apartment + Utility		10		-		-
2 Bed Apartment		15.00		-		_
2 Bed Apartment 2 Bed Apartment + 2 Bath	45 No.	15.00		- 675		-
-						-
2 Bed Apartment + 2 Bath + Utility	1 No.	15.00		15		-
3 Bed Apartment - Compact	5 No.	25.00		125		-
3 Bed Apartment - Premium		25.00		-		-
2 (	61 No.	15.00		915	760	695,400
Roof						
Rooftop plant room				150	1,235	185,250
Roof over Building C			1295 m2	150	380	492,100
				150		677,350

I	Description INDICATIVE BUDGET ESTIMATE - NOVEMBER 2013					
No.	m2/unit	Quantity	m2 (GFA)	\$/m2	\$	
19 No.	55.00		1,045	14.1%		
6 No.			360			
			-			
			•			
				2.2%		
				040/	-	
					04.045.400	
135 No.	99.99		13,498	2,300	31,045,400	
10.11	10		100			
					-	
6 NO.			60		-	
47.51	-		-		-	
-	-				-	
	-				-	
					-	
				050	-	
135 NO.	14.52		1,960	950	1,862,000	
			150	4 005	405 050	
		0550	150		185,250	
		2002 1112	150	380	969,760	
			150		1,155,010	
135 No.	115.61		15,608	2,182	34,062,410	
\$252,314 p	er apartment					
				5.0%		
					-	
161 No.	101.61		16,359	2,115	34,599,285	
40.11	40.00		100			
					-	
					-	
					-	
					-	
					-	
					-	
				050	-	
101 NO.	15.09		2,430	950	2,308,500	
			150	1 225	185,250	
		2703 m2	150		1,027,140	
		2100 112	150	000	1,212,390	
=161 No.	117.63 er apartment		18,939	2,013	38,120,175	
	No.   19 No.   6 No.   47 No.   57 No.   3 No.   3 No.   135 No.   135 No.   135 No.   47 No.   57 No.   135 No.   135 No.   135 No.   3 No.   3 No.   3 No.   3 No.   3 No.   135 No.   135 No.   135 No.	No. m2/unit   19 No. 55.00   6 No. 60.00   75.00 47 No.   47 No. 80.00   57 No. 85.00   3 No. 95.00   3 No. 95.00   3 No. 95.00   3 No. 95.00   3 No. 115.00   135 No. 78.81   135 No. 21.17   135 No. 10   6 No. 10   15 70.   17 No. 15   3 No. 25   135 No. 115.61   \$252,314 per apartment   16 No. 55.00   9 No. 60.00   9 No. 75.00   60 No. 80.00   53 No. 85.00   6 No. 95.00   8 No. 115.0	No. m2/unit Quantity   19 No. 55.00 6 No. 60.00   75.00 47 No. 80.00 57 No. 85.00   3 No. 95.00 3 No. 115.00 47 No.   A 135 No. 78.81 135 No. 21.17   135 No. 21.17 135 No. 10 6 No. 10   6 No. 10 15 57 No. 15 57 No. 15   47 No. 15 57 No. 15 3 No. 225   3 No. 225 3 No. 25 3 No. 2552 m2   135 No. 115.61 \$2522 m2 2552 m2   135 No. 115.61   \$252,314 per apartment 2552 m2   16 No. 55.00 9 No. 75.00   60 No. 80.00 53 No. 85.00   6 No. 95.00 8 No. 115.00   161 No. 10.00 9 No. 15.00   60 No. 15.00	No. m2/unit Quantity m2 (GFA)   19 No. 55.00 1,045   6 No. 60.00 360   75.00 -   47 No. 80.00 3,760   57 No. 85.00 4,845   3 No. 95.00 285   3 No. 115.00 345   135 No. 78.81 10,640   135 No. 21.17 2,858   135 No. 21.17 2,858   135 No. 115 -   47 No. 10 190   6 No. 10 600   15 - -   47 No. 15 705   57 No. 15 855   3 No. 225 75   3 No. 25 75   3 No. 25 75   3 No. 255 75   3 No. 55.00 880   9 No. 60.00 540   9 No. 60.00 540<	19 No. 55.00 1,045 14.1%   6 No. 60.00 360 4.4%   75.00 - 0.0%   47 No. 80.00 3,760 34.8%   57 No. 85.00 4.845 42.2%   3 No. 115.00 345 2.2%   3 No. 115.00 345 2.2%   135 No. 78.81 10,640 135   135 No. 21.17 2.858 21%   135 No. 21.17 2.858 21%   135 No. 10 60 -   15 - - -   47 No. 15 855 3   3 No. 25 75 -   135 No. 14.52 1,960 950   150 1.235 - - - -   135 No. 115.61 15,608 2,182   3252,314 per apartment - -   16 No. 55.00 880	

Description		INDICATIVE BUDGET ESTIMATE - NOVEMBER 2013 PRICES						
		No.	m2/unit	Quantity	m2 (GFA)	\$/m2	\$	
2 BLOCK F								
1 Bed Apartment + media		0 No.	55.00		-	0.0%		
1 Bed Apartment + Utility		12 No.	60.00		720	11.8%		
2 Bed Apartment		1 No.	75.00		75	1.0%		
2 Bed Apartment + 2 Bath		52 No.	80.00		4,160	51.0%		
2 Bed Apartment + 2 Bath + Utility		24 No.	85.00		2,040	23.5%		
3 Bed Apartment - Compact		7 No.	95.00		665	6.9%		
3 Bed Apartment - Premium		6 No.	115.00		690	5.9%		
	NLA	102 No.	81.86		8,350		-	
	Circulation	102 No.	22.51		2,296	22%		
	Total FECA	102 No.	104.37		10,646	2,115	22,516,290	
Balconies (Indicative areas)								
1 Bed Apartment + media		0 No.	10.00		-		-	
1 Bed Apartment + Utility		12 No.	10.00		120		-	
2 Bed Apartment		1 No.	10.00		10		-	
2 Bed Apartment + 2 Bath		52 No.	15.00		780		-	
2 Bed Apartment + 2 Bath + Utility		24 No.	15.00		360		-	
3 Bed Apartment - Compact		7 No.	25.00		175		-	
3 Bed Apartment - Premium		6 No.	25.00		150		-	
·		102 No.	15.64		1,595	950	1,515,250	
Roof								
Rooftop plant room					150	1,235	185,250	
Roof over Building F				1227 m2		380	466,260	
5					150		651,510	
Sub-total	for Block F	102 No.	121.48		12,391	1,992	24,683,050	
	IOI DIOCKI		per apartment		12,001	1,552	24,000,000	
		<b>*</b>	····					
13 BLOCK G								
1 Bed Apartment + media		12 No.	55.00		660	7.6%		
1 Bed Apartment + Utility		19 No.	60.00		1,140	12.1%		
2 Bed Apartment		7 No.	75.00		525	4.5%		
2 Bed Apartment + 2 Bath		70 No.	80.00		5,600	44.6%		
2 Bed Apartment + 2 Bath + Utility		35 No.	85.00		2,975	22.3%		
3 Bed Apartment - Compact		7 No.	95.00		665	4.5%		
3 Bed Apartment - Premium		7 No.	115.00		805	4.5%		
	NLA	157 No.	78.79		12,370		-	
	Circulation	157 No.	21.73		3,412	22%		
	Total FECA	157 No.	100.52		15,782	2,115	33,378,930	
Balconies (Indicative areas)								
1 Bed Apartment + media		12 No.	10.00		120		-	
1 Bed Apartment + Utility		19 No.	10.00		190		-	
2 Bed Apartment		7 No.	15.00		105		-	
2 Bed Apartment + 2 Bath		70 No.	15.00		1,050		-	
2 Bed Apartment + 2 Bath + Utility		35 No.	15.00		525		-	
3 Bed Apartment - Compact		7 No.	25.00		175		-	
3 Bed Apartment - Premium		7 No.	25.00		175		-	
		157 No.	14.90		2,340	950	2,223,000	
Roof								
Rooftop plant room					150	1,235	185,250	
Roof over Building G				1948 m2		380	740,240	
					150		925,490	
Sub-total	for Block E	157 No.	116.38		18,272	1,999	36,527,420	
Sub-total	IOI BIOCK E		per apartment		10,212	1,999	50,527,420	

Description	INDICATIVE BUDGET ESTIMATE - NOVEMBER 2013 PRICES						
	No.	m2/unit	Quantity	m2 (GFA)	\$/m2	\$	
NET INDICATIVE APARTMENT COST (SAY)	742 No.	at \$236,03	38 average est	imated cost p	er apartment		
14 QUARRY PARK WORKS							
Quarry Park (except filling & retaining wall to existing p	it)		8,722			1,900,000	
Fill pit over site of proposed park (assumed - detail TB) Fencing surrounding park Shade Structure BBQ/Picnic Area Picnic Shelters Playgrounds Viewing platform, incl walkways Allow gabion style retaining wall for park pit filling Lockable Waste Bin Enclosure STIF Forest stair access to Quarry Park	4) 		35000 m3	-	15	525,000 80,000 50,000 30,000 40,000 80,000 100,000 210,000 20,000 30,000	
Grand Entrance Stairs						35,000	
Paved Area			745 m2		350	260,750	
Extra over for Pond (incl water reticulation system)			900 m2		400	360,000	
Extra over waterside walkway/boardwalk Bike Parking Landscaping			558 m2		350	195,300 10,000 150,000	
Re-vegetation (allow 50% of bushland)			1800 m2		80	144,000	
External Lighting			Provisional Al	lowance		Included.	
Sub-total for Quarry Park Works						4,220,050	

Description		INDICATIVE B		IATE - NOVEMI	EMBER 2013 PRICES				
	No.	m2/unit	Quantity	m2 (GFA)	\$/m2	\$			
15 EXTERNAL WORKS WITHIN SITE BOUNDARY									
Sub-station Allowance			Provisional A			760,000			
Incoming/Outgoing Services Reticulation			Provisional A			712,500			
External Lighting			Provisional A	llowance		232,500			
Sub-total for External Works within Site Boundary						1,705,000			
16 WORKS BEYOND SITE BOUNDARY									
Bus stop allowance						41,183			
Taxi stand allowance						50,000			
Princes Highway roadworks, footpath, etc						500,000			
Oak Road roadworks, footpath, etc						500,000			
Flora Street roadworks, footpath, etc						500,000			
Bath Road/Princes Highway traffic lights				item		350,000			
Upgrade Oak Road/Princes Highway traffic lights				item		200,000			
Oak Road/Flora Street traffic lights				item		200,000			
Underground power lines, etc						Excluded			
Services Infrastructure, Upgrades. Etc						Excluded			
Sub-total for Works Beyond Site Boundary						2,341,183			
						256,506,283			
17 STAGING COSTS						EXCLUDED			
18 DESIGN CONTINGENCY						EXCLUDED			
19 CONSTRUCTION COST ESCALATION						EXCLUDED			
20 DESIGN & CONSULTANTS FEES						19,237,971			
21 DA FEES, S94's						4,136,164			
22 LONG SERVICE LEAVE LEVY						979,581			
INDICATIVE BUDGET ESTIMATE (EXCL. GST)						\$280,860,000			
23 GOODS & SERVICES TAX – 10%						EXCLUDED			
INDICATIVE BUDGET ESTIMATE (INCL GOODS &	SERVICES T	AX)				\$280,860,000			