

PROPOSED ITALIA ROAD INTERSECTION

ESTIMATED COST OF DEVELOPMENT REPORT



B O R A L R E S O U R C E S (N S W) P T Y L T D

24th JULY 2023

P R O J E C T N O : 2 0 2 3 . 0 6 5



V A S E Y C O N S U L T I N G



Contents

1.0 Project Overview 2

2.0 Estimating Methodology 3

3.0 Estimated Cost of Development Summary 5

4.0 Disclaimer..... 6

Appendix 1 Estimated Cost of Development Breakdown..... 7

Appendix 2 Schedule of Information 17



1.0 Project Overview

Vasey Consulting are Registered Quantity Surveyors (AIQS Member No. 3743) and have been engaged by GHD on behalf of Boral Resources (NSW) Pty Ltd to provide an Estimated Cost of Development (ECD) Report for the proposed works to the existing intersection at Italia Road and the Pacific Highway Balickera, New South Wales, 2324.

The anticipated scope of works for this project includes:

- Clearing and grubbing of trees and vegetation
- Part demolition of existing road pavements at intersection
- Demolition of concrete barrier and adjacent pavement to existing bridge over Balickera Canal
- Demolition of sundry structures including headwalls, guardrail and signs
- Bulk earthworks including temporary access tracks
- Retaining walls adjacent to Italia Road and the Pacific Highway
- Construction of concrete and asphalt road pavements
- Adjustments to existing stormwater pipe and reinforced box culverts
- Construction of new concrete medians and kerb to intersection
- Widening of existing bridge structure including piling, abutment, wingwall and headstock extensions, new precast concrete box girder structure with insitu concrete deck, approach slab extensions and performance barrier
- Relocation of existing power pole
- Relocation of existing truck sensor pole
- Installation of guardrail
- Signage
- Line marking
- Revegetation of affected works



2.0 Estimating Methodology

The estimated cost of the development contained within this report is based on Planning System Circular PS21-022 dated 2nd December, 2021 and information provided by the Client (Please refer to Appendix 2 for further details).

Due to the type of development, the estimate of cost is based on Vasey Consulting's detailed estimate of individual components of the project, (Please refer to Appendix 1 for further details).

The costs incorporated in the estimated cost of development, (if applicable), allow for:

- Demolition works (including cost of removal from site and disposal)
- Site preparation (e.g. clearing vegetation, decontamination or remediation)
- Preliminaries (e.g. scaffolding, hoarding, fencing, site sheds, delivery of materials, waste management)
- Building construction and engineering costs (e.g. concrete, brickwork, plastering, steelwork/metal works, carpentry/joinery, windows and doors, roofing)
- Internal services (e.g. plumbing, electrics, air conditioning, mechanical, fire protection, plant, lifts)
- Internal fit out (e.g. flooring, wall finishing, fittings, fixtures, bathrooms, and equipment)
- Other structures (e.g. landscaping, retaining walls, driveways, parking, boating facilities, loading area, pools)
- External services (e.g. gas, telecommunications, water, sewerage, drains, electricity to mains)
- Professional fees (e.g. architects and consultant fees, excluding fees associated with non-construction components)
- Other applicable works
- Parking / garaging area
- 10% Goods & Services Tax (GST)

The estimated cost of the development does not include for:

- Costs associated with subdividing land
- Acquisition costs for purchasing the property
- The cost of land dedicated, or any other benefit provided, under a condition imposed under Division 7.1 or 7.2 of the Act or a planning agreement under that Division
- Project financing costs and fees
- Stamp duty
- Registration of strata/community titles
- Works contained in separate development consent approvals
- Marketing costs
- Unknown ground conditions or engineer's design
- Cost escalation beyond July 2023

The estimate within this report is based on the scope and the anticipated level of finish conveyed by the information provided by the Client for the project. Where no design is currently available for an intended item of work, Vasey Consulting has made an allowance based on its understanding of the intended size, function & finish for that item.

Estimate quantities have been taken from information supplied by the Client.

Rates for items of work have generally been compiled using first principals estimating techniques and Vasey Consulting's current and where applicable, historical construction cost data resources.



Vasey Consulting has included an allowance for preliminaries & contractor's margin within the estimate.



3.0 Estimated Cost of Development Summary

Please see below, a summary of the ECD estimate for the works.

Item	Area of Work	Estimate Total (EXCL. GST)
1	<u>DIRECT COSTS</u>	
1.1	Preliminaries	\$1,288,310.55
1.2	Clearing and Demolition	\$349,427.91
1.3	Topsoil	\$36,230.67
1.4	Earthworks	\$115,205.26
1.5	Retaining Walls	\$200,037.34
1.6	Pavements	\$1,050,660.08
1.7	Stormwater	\$214,588.52
1.8	Concrete Works	\$31,621.60
1.9	Bridge Works	\$1,039,087.02
1.10	Services	\$45,000.00
1.11	Road Furniture, Signage and Line marking	\$131,118.24
1.12	Landscaping	\$7,799.72
1.13	Contractors Corporate Overheads and Margin	\$450,908.70
	SUB-TOTAL	<u>\$4,959,995.61</u>
1.2	<u>INDIRECT COSTS</u>	
1.2.1	Design Fees	\$495,999.56
1.2.2	Long Service Levy	\$12,399.99
	SUB-TOTAL	<u>\$508,399.55</u>
	TOTAL ESTIMATED COST OF DEVELOPMENT (EXCL. GST)	<u>\$5,468,395.16</u>
	GOODS & SERVICES TAX (10%)	\$546,839.52
	TOTAL ESTIMATED COST OF DEVELOPMENT (INCL. GST)	<u>\$6,015,234.68</u>



4.0 Disclaimer

This ECD Report is provided as an estimate of cost and cannot be relied upon for tendering of the works, legal, financial or taxation advice. The ECD Report is based on information provided by the Client and assumptions made by Vasey Consulting. Vasey Consulting and its directors make no warranty in respect to the accuracy or completeness of the information contained in this document, nor will they have any liability to you or any other party for any representations stated or implied in this document or any omissions from that information.

For further information regarding exclusions, please refer to the Schedule of Clarifications contained within the ECD breakdown.



Appendix 1 Estimated Cost of Development Breakdown



Estimated Cost of Development

24/07/2023

2023.065 Estimated Cost of Development 24.07.2023

for **GHD**

*Estimated Cost of Development
Boral Quarry Seaham
Italia Road Intersection*

	Description	Quantity	Unit	Rate	Total
1	DIRECT COSTS				\$4,959,995.61
1.1	PRELIMINARIES				\$1,288,310.55
1.2	Allowance for Head Contractors Preliminaries	1	Item	\$1,288,310.55	\$1,288,310.55
1.3	CLEARING & DEMOLITION				\$349,427.91
1.4	Clearing:				\$33,826.90
1.5	Allowance to clear and grub small trees	9	No.	\$835.44	\$7,518.96
1.6	Allowance to clear and grub medium trees	5	No.	\$946.81	\$4,734.05
1.7	Allowance to clear and grub large trees	13	No.	\$1,659.53	\$21,573.89
1.8	Demolition:				\$315,601.01
1.9	Saw Cut existing AC road pavement not exceeding 100 thick	172	m	\$15.00	\$2,580.00
1.10	Saw Cut existing concrete road pavement not exceeding 250 thick	100	m	\$47.50	\$4,750.00
1.11	Demolish & remove from site the following:				\$308,271.01
1.12	Existing concrete road pavement not exceeding 250 thick	417	m2	\$84.91	\$35,407.47
1.13	Existing AC wearing course not exceeding 50 thick	253	m2	\$36.56	\$9,249.68
1.14	Existing AC wearing course not exceeding 85 thick to bridge deck	22	m2	\$110.10	\$2,422.20
1.15	Existing guardrail	293	m	\$35.00	\$10,255.00

	Description	Quantity	Unit	Rate	Total
1.16	Existing signs	1	No.	\$75.00	\$75.00
1.17	Guideposts	11	No.	\$10.00	\$110.00
1.18	Existing DN450 headwall	1	No.	\$119.75	\$119.75
1.19	Existing headwall to 3 x 3000 wide x 1800 high box culverts	1	Item	\$7,975.43	\$7,975.43
1.20	Existing bridge barrier (top section)	44	m	\$1,184.92	\$52,136.48
1.21	Existing bridge barrier (lower section & haunch)	44	m	\$3,000.00	\$132,000.00
1.22	Extra Over allowance for protection of waterway during completion of last	1	Item	\$58,520.00	\$58,520.00
1.23	TOPSOIL				\$36,230.67
1.24	Strip topsoil not exceeding 100mm thick & stockpile onsite for reuse	393	m3	\$44.29	\$17,405.97
1.25	Allowance to respread topsoil on site to berms and batters (not exceeding 300 thick)	393	m2	\$47.90	\$18,824.70
1.26	EARTHWORKS				\$115,205.26
1.27	Cut to Fill/ boxout in OTR onsite to required levels	312	m3	\$99.46	\$31,031.52
1.28	Allowance to take from onsite stockpile and place select material	44	m3	\$75.55	\$3,324.20
1.29	Allowance to import and place select material	406	m3	\$122.78	\$49,848.68
1.30	Trim & compact subgrade prior to filling	2,034	m2	\$9.54	\$19,404.36
1.31	Trim & compact berms, batters and landscaping areas	1,718	m2	\$6.75	\$11,596.50
1.32	RETAINING WALLS				\$200,037.34
1.33	Italia Road				\$31,904.20
1.34	Allowance for detailed excavation in OTR and stockpile for reuse onsite	8	m3	\$74.25	\$594.00
1.35	Allow to form, reinforce and pour 1200 wide x 250 thick footing with 250 wide x 250 deep key	8	m3	\$1,592.38	\$12,739.04
1.36	Allowance for 200 thick reinforced concrete retaining wall including waterproof membrane	2	m3	\$4,011.95	\$8,023.90
1.37	Allowance for geofabric separation lining	32	m2	\$4.50	\$144.00
1.38	Allowance for subsoil drainage to last	21	m	\$25.00	\$525.00
1.39	Allowance for flush out points	1	No.	\$95.00	\$95.00
1.40	Allowance for tail outs	1	No.	\$350.00	\$350.00
1.41	Allowance for imported granular backfill to retaining walls	3	m3	\$170.61	\$511.83

	Description	Quantity	Unit	Rate	Total
1.42	Allowance for F Type concrete barrier	21	m	\$424.83	\$8,921.43
1.43	Pacific Hwy				\$168,133.14
1.44	Allowance for detailed excavation in OTR and stockpile for reuse onsite	36	m3	\$74.26	\$2,673.36
1.45	Allow to form, reinforce and pour 1200 wide x 250 thick footing with 250 wide x 250 deep key	36	m3	\$1,246.48	\$44,873.28
1.46	Allowance for 200 thick reinforced concrete retaining wall including waterproof membrane	23	m3	\$3,005.54	\$69,127.42
1.47	Allowance for geofabric separation lining	230	m2	\$4.50	\$1,035.00
1.48	Allowance for subsoil drainage to last	98	m	\$25.00	\$2,450.00
1.49	Allowance for flush out points	2	No.	\$95.00	\$190.00
1.50	Allowance for tail outs	1	No.	\$350.00	\$350.00
1.51	Allowance for imported granular backfill to retaining walls	34	m3	\$170.61	\$5,800.74
1.52	Allowance for F Type concrete barrier	98	m	\$424.83	\$41,633.34
1.53	PAVEMENTS				\$1,050,660.08
1.54	Trim & compact subgrade	4,068	m2	\$8.97	\$36,489.96
1.55	PT1 - Concrete Pavement				\$532,462.96
1.56	Import and place 300 thick select material	426	m3	\$121.87	\$51,916.62
1.57	Supply & place 150mm lean mix sub-base layer	1,417	m2	\$92.70	\$131,355.90
1.58	Form, reinforce and pour 250 thick concrete pavement	1,417	m2	\$211.32	\$299,440.44
1.59	Allowance to tie in to existing concrete pavement	398	m	\$125.00	\$49,750.00
1.60	PT2 - Asphalt Pavement				\$481,707.16
1.61	Supply and lay 10mm primer seal	2,651	m2	\$13.73	\$36,398.23
1.62	Supply and lay 300mm slow setting HBB R73	2,651	m2	\$97.51	\$258,499.01
1.63	Supply and lay 110mm HD AC14 wearing course	2,336	m2	\$79.97	\$186,809.92
1.64	STORMWATER				\$214,588.52
1.65	Pipes Culvert Extension:				\$5,848.78
1.66	Excavate in OTR, supply, bed, lay & backfill the following:				\$4,533.78
1.67	450 dia. RCP Class 4	6	m	\$755.63	\$4,533.78
1.68	Allowance for headwall to suit stormwater pipe as follows:				\$1,315.00

	Description	Quantity	Unit	Rate	Total
1.69	450 diameter RC stormwater pipe	1	No.	\$815.00	\$815.00
1.70	Allowance for scour protection to last	4	m2	\$125.00	\$500.00
1.71	Box Culvert Extension:				\$114,859.30
1.72	Allowance to construct temporary access tracks	55	m2	\$50.00	\$2,750.00
1.73	Allowance to remove last	55	m2	\$25.00	\$1,375.00
1.74	Allowance for detailed excavation in OTR for offsite disposal	50	m3	\$70.80	\$3,540.00
1.75	Allowance for haulage and disposal of spoil off site	100	t	\$57.40	\$5,740.00
1.76	Allowance for material classification	1	No.	\$2,500.00	\$2,500.00
1.77	Trim & compact culvert subgrade	87	m2	\$7.39	\$642.93
1.78	Allowance for 350 thick reinforced concrete base slab on & including blinding	26	m2	\$574.18	\$14,928.68
1.79	Allowance to dowel new slab into existing	10	m	\$116.00	\$1,160.00
1.80	Allowance to supply 3000 x 1800 x 2440 long RCBC	3	No.	\$7,199.74	\$21,599.22
1.81	Allowance to unload culverts on site	1	Item		INCL
1.82	Allowance for installation of culverts including taping joins & grouting legs	1	Item	\$6,215.12	\$6,215.12
1.83	Allowance to form, reinforce & pour 250 thick concrete apron slab on & including 50 thick granular blinding	62	m2	\$400.97	\$24,860.14
1.84	Allowance to form, reinforce & pour 250 thick wing walls (2No.)	5	m3	\$2,754.03	\$13,770.15
1.85	Allowance to form, reinforce & pour 500 high x 250 thick head beam (1No.)	2	m3	\$2,754.03	\$5,508.06
1.86	Allowance for 100 diameter Class 1000 socked agg line	18	m	\$15.00	\$270.00
1.87	Allowance to supply & place granular backfill to last	8	m3	\$170.00	\$1,360.00
1.88	Allowance for flushpoint	2	No.	\$95.00	\$190.00
1.89	Allowance for subsoil tailout drain	2	No.	\$350.00	\$700.00
1.90	Allowance for scour protection	62	m2	\$125.00	\$7,750.00
1.91	Intrapavement Drainage:				\$93,880.44
1.92	Allowance for intrapavement subsoil drainage comprising geofabric separation layer and no fines concrete complete	618	m	\$147.08	\$90,895.44
1.93	Flushpoint to last	13	No.	\$95.00	\$1,235.00

	Description	Quantity	Unit	Rate	Total
1.94	Tailout/ connection to pits	5	No.	\$350.00	\$1,750.00
1.95	CONCRETE WORKS				\$31,621.60
1.96	Medians				\$31,621.60
1.97	150 thick reinforced concrete median on 75 thick bedding sand	76	m2	\$249.29	\$18,946.04
1.98	SM kerb to last	118	m	\$107.42	\$12,675.56
1.99	BRIDGE WORKS				\$1,039,087.02
1.100	Temporary Works				\$21,331.65
1.101	Allowance for cut to fill for access ramps	237	m3	\$50.45	\$11,956.65
1.102	Allowance to construct temporary access tracks	125	m2	\$50.00	\$6,250.00
1.103	Allowance to remove last	125	m2	\$25.00	\$3,125.00
1.104	Piling				\$282,220.46
1.105	Allowance to construct 500 thick temporary Piling Rig pad (2No.)	141	m2	\$76.52	\$10,789.32
1.106	Geotech certification of Piling Rig pad	2	No.	\$2,500.00	\$5,000.00
1.107	Allowance to remove Piling Rig pad & spread and compact to existing batters adjacent to work site	71	m3	\$43.36	\$3,078.56
1.108	Mobilise Piling Rig	1	No.	\$36,000.00	\$36,000.00
1.109	Internal remobilisation to other side of creek	1	No.	\$20,000.00	\$20,000.00
1.110	Allowance for pile testing	1	Item	\$4,600.00	\$4,600.00
1.111	Demobilise Piling Rig	1	No.	\$36,000.00	\$36,000.00
1.112	900 dia deep reinforced concrete bored piles [2 No.]	24	m	\$3,575.00	\$85,800.00
1.113	900 dia deep reinforced concrete bored piles [2 No.]	20	m	\$3,575.00	\$71,500.00
1.114	Handle & disposal of Spoil on site as Select Fill	22	m3	\$102.39	\$2,252.58
1.115	Allowance to trim 900 diameter bored piles	4	No.	\$1,800.00	\$7,200.00
1.116	Columns				\$53,653.08
1.117	Allow to form reinforce and pour 900 dia columns [2 No.]	12	m	\$4,471.09	\$53,653.08
1.118	Abutments & Wingwalls				\$62,780.10
1.119	50 thick concrete blinding to abutments	10	m2	\$197.94	\$1,979.40
1.120	50 thick concrete blinding to wing walls	5	m2	\$197.94	\$989.70
1.121	Form, reinforce & pour abutments	10	m3	\$3,301.35	\$33,013.50
1.122	Form, reinforce & pour wing walls	5	m3	\$4,651.60	\$23,258.00

	Description	Quantity	Unit	Rate	Total
1.123	Geofabric separation layer	17	m2	\$6.50	\$110.50
1.124	Supply and place geocomposite plastic strip filler (Coredrain)	17	m2	\$45.00	\$765.00
1.125	Megaflow 300 strip drain subsoil drainage pipe	8	m	\$35.00	\$280.00
1.126	Flush point to last	2	No.	\$95.00	\$190.00
1.127	Discharge points for subsoil drains	2	No.	\$350.00	\$700.00
1.128	300 x 300 drainage aggregate to subsoil drainage lines	6	m3	\$249.00	\$1,494.00
1.129	Headstocks				\$45,432.88
1.130	Form, reinforce & pour 1000 wide x 1100 high headstocks (2No.)	8	m3	\$5,679.11	\$45,432.88
1.131	Prestressed Concrete Girder				\$250,392.70
1.132	Supply 11,300 long x 600 wide x 455 high prestressed concrete girder	10	No.	\$11,660.17	\$116,601.70
1.133	Supply 14,000 long x 600 wide x 535 high prestressed concrete girder	5	No.	\$16,310.20	\$81,551.00
1.134	Allowance for certification of crane pad	2	No.	\$2,500.00	\$5,000.00
1.135	Install 11,300 long x 600 wide x 455 high prestressed concrete girder	10	No.	\$2,934.00	\$29,340.00
1.136	Install 14,000 long x 600 wide x 535 high prestressed concrete girder	5	No.	\$3,580.00	\$17,900.00
1.137	Bearings & Expansion Joints				\$12,657.00
1.138	95 wide x 20 thick elastomeric bearing strip	8	m	\$177.00	\$1,416.00
1.139	480 long x 250 wide x 57 thick elastomeric bearing strip with holes on & including non shrink grout pad and bearing plate	30	No.	\$374.70	\$11,241.00
1.140	Insitu Concrete Bridge Deck				\$119,629.51
1.141	Deck Slab:				\$93,333.73
1.142	18 thick FC Sheet packer	27	m2	\$139.21	\$3,758.67
1.143	210 thick minimum, 40MPa insitu concrete base to bridge deck	29	m3	\$1,589.15	\$46,085.35
1.144	Allowance for N16 600 long dowel at 300 centres between new/existing bridge deck	147	No.	\$110.60	\$16,258.20
1.145	Allowance for stitch pour at new/existing interface	3	m3	\$6,277.17	\$18,831.51
1.146	Allowance for bridge deck expansion joints	24	m	\$350.00	\$8,400.00

	Description	Quantity	Unit	Rate	Total
1.147	Wearing Course:				\$26,295.78
1.148	Allowance for waterproof membrane	137	m2	\$55.00	\$7,535.00
1.149	Allowance for 85 thick AC wearing course	137	m2	\$136.94	\$18,760.78
1.150	Approach Slab				\$25,883.12
1.151	50 thick concrete blinding	29	m2	\$65.00	\$1,885.00
1.152	400 thick nominal 40MPa insitu approach slab	12	m3	\$1,897.66	\$22,771.92
1.153	M20 SS Dowel 300 long	10	No.	\$122.62	\$1,226.20
1.154	Barriers/Guardrail				\$165,106.52
1.155	Allow for regular performance barrier to edge of bridge	44	m	\$3,141.58	\$138,229.52
1.156	Allowance for stitch pour to last	5	m3	\$2,775.40	\$13,877.00
1.157	Performance barrier transition	2	No.	\$6,500.00	\$13,000.00
1.158	SERVICES				\$45,000.00
1.159	Electrical:				\$35,000.00
1.160	Provisional Allowance to relocate existing overhead HV powerline	1	PSUM	\$35,000.00	\$35,000.00
1.161	Miscellaneous:				\$10,000.00
1.162	Provisional Allowance to relocate existing solar powered truck sensor pole	1	PSUM	\$10,000.00	\$10,000.00
1.163	ROAD FURNITURE, SIGNAGE & LINEMARKING				\$131,118.24
1.164	Road Furniture				\$102,280.14
1.165	Supply & install guardrail in OTR	524	m	\$135.00	\$70,740.00
1.166	Supply & Install MELT	1	No.	\$4,400.00	\$4,400.00
1.167	Supply & install ET2000 terminal	1	No.	\$2,500.00	\$2,500.00
1.168	Allowance for F Type concrete barrier	58	m	\$424.83	\$24,640.14
1.169	Signage				\$5,650.00
1.170	Allowance to relocated existing signs	2	Item	\$150.00	\$300.00
1.171	Supply and install the following:				\$5,350.00
1.172	G9-63	2	No.	\$275.00	\$550.00
1.173	G9-73	1	No.	\$275.00	\$275.00
1.174	R1-1	1	No.	\$275.00	\$275.00
1.175	R1-2	1	No.	\$275.00	\$275.00
1.176	R2-3	2	No.	\$275.00	\$550.00
1.177	R8-22	1	No.	\$275.00	\$275.00
1.178	W1-8-2	1	No.	\$275.00	\$275.00

	Description	Quantity	Unit	Rate	Total
1.179	W3-1	1	No.	\$275.00	\$275.00
1.180	W2-211-3n	1	No.	\$1,500.00	\$1,500.00
1.181	W4-9	1	No.	\$275.00	\$275.00
1.182	W5-34	1	No.	\$275.00	\$275.00
1.183	W6-7	1	No.	\$275.00	\$275.00
1.184	W8-15	1	No.	\$275.00	\$275.00
1.185	Linemarking				\$23,188.10
1.186	Allowance for the removal of existing redundant linemarking:				\$9,763.60
1.187	Line removal	1,970	m	\$4.88	\$9,613.60
1.188	Arrows	5	No.	\$30.00	\$150.00
1.189	Waterborne linemarking as detailed to the following:				\$11,339.00
1.190	Line Type C1	400	m	\$1.35	\$540.00
1.191	Line Type E1	1,154	m	\$1.50	\$1,731.00
1.192	Line Type E5	302	m	\$1.50	\$453.00
1.193	Line Type L1	752	m	\$1.25	\$940.00
1.194	Directional Arrows	11	No.	\$75.00	\$825.00
1.195	Bike Symbols	6	No.	\$75.00	\$450.00
1.196	Bike Lane Arrows	1	No.	\$75.00	\$75.00
1.197	Bike Lane Painting	253	m2	\$25.00	\$6,325.00
1.198	New Thermoplastic linemarking:				\$513.00
1.199	Line Type BB	30	m	\$12.00	\$360.00
1.200	Line Type TB	21	m	\$5.00	\$105.00
1.201	Line Type TF	4	m	\$12.00	\$48.00
1.202	Raised Pavement Markers	185	No.	\$8.50	\$1,572.50
1.203	LANDSCAPING				\$7,799.72
1.204	Allowance to cultivate subgrade	1,718	m2	\$1.50	\$2,577.00
1.205	Allowance to respread topsoil on site (not exceeding 300 thick) [Taken Elsewhere - Refer to Topsoil]	1,718	m2		INCL
1.206	Allowance for hydromulch	1,718	m2	\$3.04	\$5,222.72
1.207	CONTRACTORS CORPORATE OVERHEADS & MARGIN				\$450,908.70
1.208	Allowance for Head Contractors Corporate Overheads and Margin	1	Item	\$450,908.70	\$450,908.70
2	INDIRECT COSTS				\$508,399.55
2.1	DESIGN FEES				\$495,999.56
2.2	Allowance for Design Fees (8%)	1	Item	\$495,999.56	\$495,999.56
2.3	LONG SERVICE LEVY				\$12,399.99
2.4	Allowance for Long Service Levy (0.25%)	1	Item	\$12,399.99	\$12,399.99

	Description	Quantity	Unit	Rate	Total
3	SCHEDULE OF INFORMATION				
3.1	Concept design drawings by GHD for "Boral Quarry Seaham - Italia Road Intersection" Rev C (24 sheets)		NOTE		
3.2	Concept design drawings by GHD for bridge and culvert "12599191-GHD-00-00-DRG-ST-00100-002010 - FOR INFORMATION" (4 sheets)		NOTE		
4	SCHEDULE OF EXCLUSIONS				
4.1	Development Contributions - EXCL.		NOTE		
4.2	Costs relating to any part of the project that is the subject of a separate development consent or project approval.		NOTE		
4.3	Delay costs including Inclement Weather- EXCL.		NOTE		
4.4	Land acquisition, Land dedication & Finance costs - EXCL.		NOTE		
4.5	Stamp duty - EXCL.		NOTE		
4.6	Strata & community title registration costs - EXCL.		NOTE		
4.7	Marketing costs - EXCL.		NOTE		
4.8	Adjustments to existing utilities beyond that listed herein - EXCL.		NOTE		
4.9	Testing, treatment & management of contaminated material/buried rubbish on site - EXCL.		NOTE		
4.10	Unknown ground conditions and engineers design - EXCL.		NOTE		
4.11	Cost escalation beyond July 2023 - EXCL.		NOTE		
				Subtotal	\$5,468,395.16
				Adjustment	\$0.00
				Post adjustment	\$5,468,395.16
				G.S.T [10%]	\$546,839.52
				Total	\$6,015,234.68



Appendix 2 Schedule of Information



Schedule of Information:

Item	Description	Comment
1	Concept Design drawings for DA Approval by GHD for 'Boral Quarry Seaham – Italia Road Intersection' Rev C dated 26.06.2023 (24 sheets)	
2	Concept Design drawings for DA Approval by GHD for bridge and culvert "12599191 – GHD-00-00-DRG-ST-00100-002010 – FOR INFORMATION" Rev B dated 23.06.2023 (4 sheets)	