

20 May 2020

Bill of Quantities
Rev B



Job Number

16421

Latitude 25, Hervey Bay
Chapel Road, Nikenbah
Stage 3 (rev 2)

SUMMARY

Number of Lots: 35

CIVIL WORKS

TOTAL SECTION A - GENERAL	\$34,000.00	971.43
TOTAL SECTION B - EARTHWORKS	\$90,486.50	2,585.33
TOTAL SECTION C - ROADWORKS	\$269,064.80	7,687.57
TOTAL SECTION D - STORMWATER	\$198,794.00	5,679.83
TOTAL SECTION E - HYDRAULIC SERVICES	\$129,741.00	3,706.89
<u>SUB-TOTAL - CIVIL WORKS</u>	\$722,086.30	20,631.04
GST	\$72,208.63	

SUB-TOTAL - CIVIL WORKS (incl GST)

\$ 794,294.93 \$ 22,694.14

Qualifications

- 1 No allowance for contingency, suggest client adds 20%
- 2 No allowance for Request to Change Costs
- 3 No allowance for shared infrastructure costs with neighboring properties
- 4 No allowance for other consultants fees
- 5 No allowance for rock, assumed normal soil conditions exist on the site
- 6 Rates are based on tender rates for "The Springs" Development
- 7 No allowance for poor subgrade

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SECTION A - GENERAL

Item	Description	Unit	Quantity	Rate	Amount
1	As constructed survey	Item	1	7,500.00	7,500.00
2	Survey / setout	Item	1	8,200.00	8,200.00
3	Geotechnical Testing for all sections	Item	16	750.00	12,000.00
4	Location of services and Site Establishment	Item	1	4,800.00	4,800.00
5	Traffic Control	Item	1	1,500.00	1,500.00
TOTAL : SECTION A					\$ 34,000.00

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SECTION B - EARTHWORKS

Item	Description	Unit	Quantity	Rate	Amount
1	Site Clearing & Preparation				
1.1	Site clearing and grubbing and disposal of rubbish to appropriate locations	Item	1	5,500.00	5,500.00
2	Topsoil				
2.1	- Respread topsoil from stockpile to footpaths, batters and other areas in current stage	m ³	2,035	4.50	9,157.50
3	Earthworks as specified:				
3.1	- cut to fill this stage	m ³	447	22.00	9,834.00
3.2	- cut to future stages	m ³			
3.3	- imported fill from future stages	m ³			
3.4	- imported fill	m ³			
3.5	- removal of unsuitable material (If Ordered) (PROVISIONAL SUM)				
3.6	- replacement of unsuitable material (If Ordered) (PROVISIONAL SUM)				
4	Retaining walls and Fencing				
4.1	Internal Retaining Walls	m ²	148	265.00	39,220.00
4.2	Sandstone Retaining Walls	m ²	119	225.00	26,775.00
4.3	Fencing adjacent retaining walls and along site boundary	m	116		
TOTAL : SECTION B					\$ 90,486.50

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SECTION C - ROADWORKS

Item	Description	Unit	Quantity	Rate	Amount
1	Trimming pavement box				
1.1	Trimming & consolidate road areas	m ²	2,631	4.80	12,628.80
2	Pavement compacted in place incl. supply, spreading, compaction etc.:				
2.1	Sub-base course gravel (CBR 15 min. material)	m ³			
2.2	Sub-base course gravel around lake batters	m ³			
2.3	Subgrade Improvement CBR 15 material (If Ordered)	m ³			
	(PROVISIONAL SUM)				
3	Concrete kerb				
3.1	- Barrier Kerb (Type E)	m			
3.2	- Invert Kerb (Type D)	m			
3.3	- Mountable Kerb (Types E, H, L, M, N)	m	59	120.00	7,080.00
4	Sub-soil drainage pipe complete incl. connection to gullies inspection openings and filtration trench complete with geofabric material cover				
4.1	- 100mm dia PVC	m			
5	Miscellaneous Concrete				
5.1	Concrete Footpath as per Drg No. 16421-3-700 series	m ²	1,664		
5.2	Concrete Driveway Accesses	m ²			
5.3	Concrete kerb ramps	each			
6	Concrete Roadway				
6.1	150mm thick Concrete Pavement including sand bedding, jointing and 1 coat of sealer	m ²	2,584	96.50	249,356.00
7	Sawcut existing pavement to allow for a neat join to existing sealed road.	m			
8	Miscellaneous Roadworks				
8.1	Removal of signs (If Ordered) (PROVISIONAL SUM)	each	2	500.00	
8.2	Temporary Turnaround (If Ordered) (PROVISIONAL SUM)	each	1	4,880.00	
8.3	Line Marking (If Ordered) (PROVISIONAL SUM)	Item	1	2,500.00	
	TOTAL : SECTION C				\$ 269,064.80

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SECTION D - STORMWATER

Item	Description	Unit	Quantity	Rate	Amount
1	Supply & delivery to site incl. excavation, bedding, backfill, etc. of stormwater drainage pipes of diameter, material & class:				
1.1	150mm diameter P.V.C. roofwater pipes complete incl. connection to gullies inspection openings complete	m	98	125.00	12,250.00
1.2	225 dia. uPVC	m			
1.3	300 dia. uPVC	m			
1.4	375 dia. CL3	m	118	255.00	30,090.00
1.5	450 dia. CL3	m	122	276.00	33,672.00
1.6	525 dia. CL3	m	81	290.00	23,490.00
1.7	600 dia. CL3	m	109	311.00	33,899.00
2	Construction of drainage structures complete incl. excavation, bedding, lids, grates, etc				
2.1	SW Road Inlet Pit (2400mm)	each			
2.2	SW Manholes (1050 dia.)	each			
2.3	SW Manholes (1800x900)	each	1	6,400.00	6,400.00
2.4	900 sq. Field Inlet within basin	each	1	3,200.00	3,200.00
2.5	900 sq. V grated roadway inlet	each	11	2,800.00	30,800.00
2.6	900 sq. V grated roadway inlet (1800x900 chamber)	each	1	5,400.00	5,400.00
2.7	450 sq. Roofwater pit	each	11	680.00	7,480.00
2.8	450 dia Headwall	each	1	1,200.00	1,200.00
2.9	525 dia Headwall	each	1	1,400.00	1,400.00
2.10	600 dia Headwall	each	1	1,800.00	1,800.00
2.11	Headwall to suit 2x600 dia pipes	each	1	3,800.00	3,800.00
3	CCTV of mains	m	430	9.10	3,913.00
4	Bio Treatment Zones				
4.1	Bio Retention Basin	m ²	95		
4.2	Concrete Forebay Pits	m ²	19		
4.3	Concrete Access to Forebay Pits	m ²	32		
4.4	Subsoil Drainage	m	54		
TOTAL : SECTION D					\$ 198,794.00

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SECTION E - HYDRAULIC SERVICES



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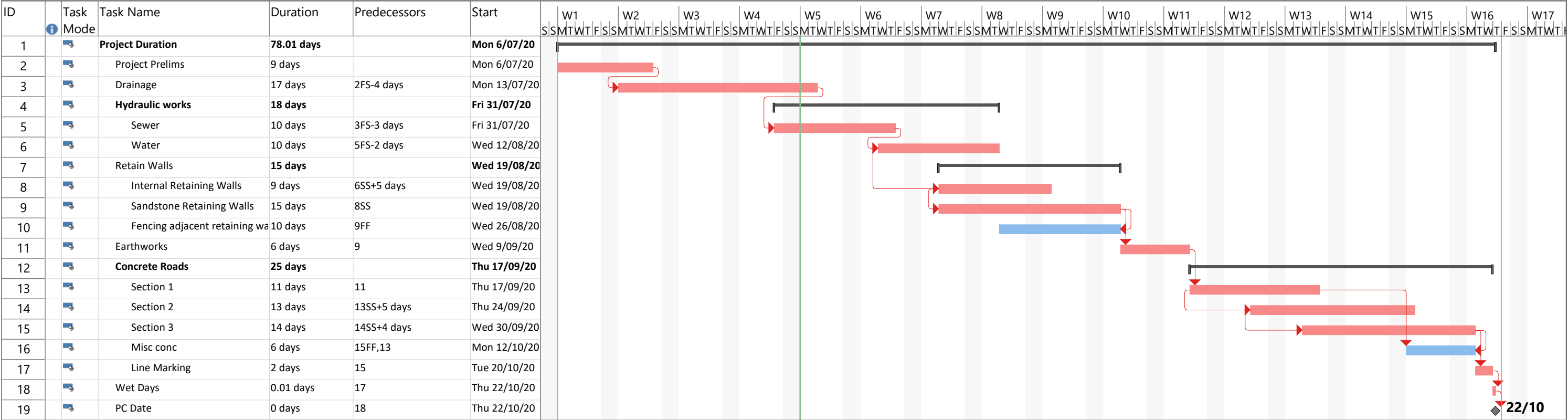
Item	Description	Unit	Quantity	Rate	Amount
1	Waste Water 100mm PVC	m	503	100.00	50,300.00
2	Waste Water 150mm PVC	m	125	105.00	13,125.00
3	House Junction Tees	each	34	480.00	16,320.00
4	Cold Water Service 100mm PVC	m	363	92.00	33,396.00
5	House Connection Single	each	27	320.00	8,640.00
6	House Connection Double	each	7	480.00	3,360.00
7	Spring Hydrant	each	4	1,150.00	4,600.00
TOTAL : SECTION E					\$ 129,741.00

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CONSTRUCTION WORKS PROGRAM

KIRBRO CONTRACTING PTY LTD



Task

Split

Milestone

Summary

Project Summary

Inactive Task

Inactive Milestone

Inactive Summary

Manual Task

Duration-only

Manual Summary Rollup

Manual Summary

Start-only

Finish-only

External Tasks

External Milestone

Deadline

Critical

Critical Split

Progress

Manual Progress