

CIVIL CONSTRUCTION BOQ**CIVIL WORKS PACKAGE**

SUPAGREEN CONSTRUCTION LTD

QBCC: 15367711

NSWBC: 451707C

VBA: DB-U 21057

ABN: 35 659 090 481

8A Arjuna Way, Gaven QLD 4211

Contract No: 20240416	Date: 16/04/2024
Project: 19 New Queen Road, Queenton QLD 4820	Author:
Issued for: CIVIL QUOTATION	Revision: A

PROJECT SUMMARY	PRICE	
PART A - PRELIMINARIES	\$	12,840
PART B - EARTHWORKS	\$	20,945
PART C - ROADWORKS	\$	26,060
PART D - STORMWATER DRAINAGE	\$	3,954
PART E - SEWERAGE RETICULATION	\$	6,768
PART F - WATER RETICULATION	\$	7,342
PART G - FOOTING & SLAB	\$	80,605
CONTINGENCY (10%)	\$	7,791
TOTAL AMOUNT (EXC. GST)	\$	166,305
GST	\$	16,630
TOTAL AMOUNT (INC. GST)	\$	182,935

This Development Costing prepared by SupaGreen Construction Ltd is subject to variation due to, but not limited to, any Council, State Government Agency advice, requirements, conditions, assessment and approvals. The construction cost estimate is based on a preliminary design completed by SupaGreen Construction Ltd and is subject to detailed design. The construction cost rates applied to derive the construction cost estimate are based on civil contractor construction rates being applied on similar land development projects at the time of completing the Development Costing and are subject to actual tendering. SupaGreen Construction Ltd accepts no responsibility for any of the information provided in the Development Costing and it is the responsibility of any person / entity to apply suitable contingency to the Development Costing.



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ITEM	DESCRIPTION	UNITS	QUANTITY	RATE (\$/unit)	AMOUNT
PART A - PRELIMINARIES					
1	Site Establishment and Disestablishment				
	a) Mobilisation of all personnel, plant, equipment and site facilities including, but not limited to, site security, temporary fencing, project signage and insurances	Item	1	2,840.00	\$2,840.00
	b) Demobilisation of site including all plant, equipment, site facilities and items listed above to leave clean	Item		6,180.00	\$0.00
2	Geotechnical Testing				
	Testing and reporting in accordance with the Project Specifications and relevant Australian Standards. Including but not limited to compaction, CBR, bearing capacity assessment (retaining walls) and Level 1 supervision of structural fill.	Item	1	1,200.00	\$1,200.00
3	Traffic Management				
	a) Including but not limited to preparation and submission of Traffic Management Plan, all fees and permits, establishment and maintenance as required to on-maintenance is achieved	Item	1	1,000.00	\$1,000.00
4	Environmental Management and Control				
	Complete supply, establishment and maintenance of devices as required by Best Practise Erosion & Sediment Control November 2008 by IECA, to manage site runoff and drainage as required for all stages of construction for the duration of the project in accordance with standard drawings, project drawings and associated specifications and as directed by the Superintendent or local authority.				
	a) Silt fence supply and install	lm	Rate Only	20.00	
	b) Check dams supply and construct	No.	Rate Only	20.00	
	c) Shakedown areas supply and install	No.	Rate Only	20.00	
	d) Field inlet protection supply and install	No.	Rate Only	20.00	
	e) Gully pit protection supply and install	No.	Rate Only	20.00	
	f) Construction of temporary sediment basin	No.	Rate Only	20.00	
	g) Lump sum item including all maintenance	Item	1.0	2,000.00	\$2,000.00
5	Existing Services				
	Identification, location and pot-holing of all existing underground services within work area prior to construction to confirm design levels at connection points are achievable and any service clashes are avoided	Item	1	1,000.00	\$1,000.00
6	Demolition				
	Demolish and dispose off-site (or as directed) any structures listed including but not limited to, any permits, licences and statutory / disposal fees to be paid by the contractor.				
	a) Existing shed, fence and all associated services	Item			\$0.00
7	Survey Setout and As-Constructed Survey				
	a) Setout complete of all works within the work area	Item	1	1,000.00	\$1,000.00

	including but not limited to data interpretation, pegging and marking				
b)	As-constructed survey of all constructed infrastructure (as required by local Council) including coordination with Principal Surveyor, preparation of drawings, certification by Registered Surveyor, issue ADAC and drawings in electronic and hardcopy format as required by local Council	Item	1	2,000.00	\$2,000.00
8	Site Classification				
	Site Classification of lots in accordance with AS2870 and provision of reporting	No.	3	600.00	\$1,800.00
TOTAL PART A - PRELIMINARIES					\$12,840.00

PART B - EARTHWORKS					
1	Clearing and Grubbing				
	Clearing, grubbing, remove and disposal off-site of all cleared vegetation and grass coverings including dumping fees.	m ²		22.00	\$0.00
2	Topsoil (PROVISIONAL QTY)				
	Strip and stockpile topsoil from areas of excavation and filling (measured as a solid volume)				
a)	Strip 200mm to stockpile for reuse on-site as directed	m ³		21.00	\$0.00
b)	Load and spread topsoil to all allotments, road verges and batters as shown on the project drawings in accordance with the specification (120mm depth).	m ³		24.00	\$0.00
c)	Strip and disposal of surplus topsoil off-site	m ³		25.00	\$0.00
3	Earthworks (PROVISIONAL QTY)				
	As specified including Level 1 certification and associated testing in accordance with AS3798 including moisture control and trimming to level (solid volumes)				
a)	Cut to fill	m ³	1.0		\$0.00
b)	Imported fill (minimum CBR7 to satisfy level 1 GITA)	m ³	755.0	25.00	\$18,875.00
c)	Cut to spoil off site	m ³			
4	Grass Seeding				
	Seeding, fertilizing and watering of all areas shown on the project drawings to achieve 80% grass cover to the satisfaction of the superintendent.	m ²	90	23.00	\$2,070.00
TOTAL PART B - EARTHWORKS					\$20,945.00

PART C - ROADWORKS					
1	Concrete Pavement				
	Construct as nominated on drawings including, supply, formwork, reinforcement and concrete, pump, compaction, jointing, finishing and curing complete				
a)	Internal driveway - 125mm thick (N32) SL82 mesh	m ²	170.0	230.00	\$39,100.00
b)	Sub-base CBR 45 (100mm thick)	m ³		230.00	\$0.00
c)	VXO - 125mm thick (N32) SL82 mesh including saw-cutting and disposal of existing existing footpath and kerb and channel	m ²		230.00	\$0.00
d)	bin pad - 6.0m long x 0.850 wide	m ²		400.00	\$0.00
EXTERNAL WORKS					
2	Saw-cut existing pavement	lm		270.00	\$0.00
3	Subsoil drainage	lm		280.00	\$0.00

4	Excavation and trim for kerb & channel	lm		280.00	\$0.00
5	Subgrade preparation	m ²		140.00	\$0.00
6	Pavement				
	a) Base CBR 80 (150mm thick)	m ³		270.00	\$0.00
	b) Sub-base CBR 45 (150mm thick)	m ³		270.00	\$0.00
	c) Subgrade replacement CBR15 (200mm thick)	m ³		280.00	\$0.00
7	Wearing Course - 35mm AC	m ²		300.00	\$0.00
8	Type M3 Semi Mountable Kerb & channel	lm		290.00	\$0.00
9	1.5m wide footpath	m ²	112.0	230.00	\$25,760.00
10	Turfing to verge	m ²		230.00	\$0.00
11	Linemarking				
	a) Linemarking and RRPM's complete as specified	Item	1	300.00	\$300.00
TOTAL PART C - ROADWORKS					\$26,060.00

PART D - STORMWATER DRAINAGE					
1	Drainage Pipes				
	Pipework complete in place including but not limited to supply, excavation, benching and/or shoring (as required), bedding, laying, jointing, removal of spoil off-site(as required), backfilling, backfill material (including under roads), cleaning/flushing, dewatering, compaction and testing as per Council standards.				
1.1	i) uPVC 150mm (0-1.5m depth)	lm	21.1	140.00	\$2,954.00
	ii) uPVC 225mm (0-1.5m depth)	lm		150.00	\$0.00
	iii) RCP 300mm Class 2 (0-1.5m depth)	lm		180.00	\$0.00
	iv) RCP 375mm CLASS 2 (0-1.5m Depth)	lm		180.00	\$0.00
	v) RCP 450mm CLASS 2 (0-1.5m Depth)	lm		220.00	\$0.00
	vi) RCP 525mm CLASS 2 (0-1.5m Depth)	lm		210.00	\$0.00
	vii) RCP 600mm CLASS 2 (0-1.5m Depth)	lm		300.00	\$0.00
	iv) RCP 750mm CLASS 2 (0-1.5m Depth)	lm		310.00	\$0.00
	v) RCP 825mm CLASS 2 (0-1.5m Depth)	lm		320.00	\$0.00
	iv) RCP 900mm CLASS 2 (0-1.5m Depth)	lm		330.00	\$0.00
	v) RCP 1050mm CLASS 2 (0-1.5m Depth)	lm		340.00	\$0.00
2	Field Inlets				
	Supply and construct complete precast and cast in-situ including but not limited to excavation, reinforcement, formwork, concrete, rendering, grates, covers, penetrations, grouting, backfilling, cleaning and testing				\$0.00
	a) 600 x 600mm field inlet Type 2A	No.			\$0.00
	b) 600 x 900mm field inlet Type 2B	No.		160.00	\$0.00
	c) 900x600 field inlet on 1050 manhole	No.		150.00	\$0.00
3	Manholes				
	Supply and construct complete precast and cast in-situ including but not limited to excavation (in all materials), dewatering, formwork, reinforcement, concrete, benching, rendering/grouting, grates / covers, penetrations, backfilling, backfill materials, cleaning and testing				
	a) 1050mm dia. Manhole	No.			\$0.00
4	Connection to Existing				
	Connection to existing stormwater chamber complete including but not limited to excavation, coring, rendering and backfilling				
	a) To existing stomwater chamber complete	Item	1.0	600.00	\$600.00
5	Testing				
	Undertake / coordinate all compliance testing in accordance with Local Authority requirements				

a) CCTV inspection	Item	1.0	400.00	\$400.00
TOTAL PART D - STORMWATER DRAINAGE				\$3,954.00

PART E - SEWERAGE RETICULATION				
1 Existing Sewer To Be Removed Remove existing redundant sewer property connection.	Item		2,800.00	\$0.00
2 Pipework Complete in place including but not limited to supply excavation, benching and/or shoring (as required), bedding, laying, jointing, bulkheads, removal of spoil off-site (as required), dewatering, backfilling, backfilling materials (all areas), compaction, cleaning/flushing and testing				
a) 150mm dia uPVC SN10 (0 - 2.5m depth)	lm	19.8	220.00	\$4,356.00
3 Maintenance Shaft and Cover complete in place including, but not limited to, supply, excavation (in all material), installation, drops, joints and fittings, lid, backfilling as per Council standards.				
a) 0-2.5m depth	No.		220.00	\$0.00
4 Maintenance Holes and Cover Complete in place including, but not limited to supply, excavation (in all materials), benching and/or shoring(as required), removal of spoil off-site (as required), reinforcement, formwork, concrete, benching, rendering, drops, couplings, rocker pipes, covers, penetrations, grouting and backfilling, dewatering, moisture control and testing				
a) 1050mm dia 0 - 2.5m depth Class D cover	No.		320.00	\$0.00
b) 1050mm dia 2.5 - 3.5m depth Class B cover	No.			\$0.00
5 Stop Ends Complete in place including, but not limited to, supply, excavation (in all materials), installation, joints and fittings				
a) 150mm dia	No.			\$0.00
6 House Connection Branches Complete including but not limited to supply, excavation, bed, jointing, concrete surround, grouting, rendering, cleaning of fittings and placement of markers				
a) 150/100 dia. house connection				
i) Type A - Into Line	No.		200.00	\$0.00
ii) Type X - Into Manhole	No.		200.00	\$0.00
7 Testing Undertake / coordinate all compliance testing in accordance with Local Authority requirements				
a) CCTV inspection	Item	1.0	400.00	\$400.00
b) Pressure / vacuum testing	Item	1.0	1,000.00	\$1,000.00
c) Ovality testing	Item	1.0	12.00	\$12.00
8 Connection to Existing Allowance for all items required to make connection to Existing 'live' infrastructure, including but not limited to, fees & charges, all documentation completion and submission, coordination with all relevant authorities and booking of supervision with relevant authority	PC Item	1.0	1,000.00	\$1,000.00
TOTAL PART E - SEWERAGE RETICULATION				\$6,768.00

PART F - WATER RETICULATION				
1 Pipework Supply and install complete, including but not limited to supply, excavation, benching and/or shoring (as required), bedding,				

<p>laying, jointing, thrust blocks, bulkheads, removal of spoil off-site (as required), backfilling, backfilling material (all areas), cleaning/flushing, moisture control, dewatering, compaction, sterilization and testing</p> <p>i) 100mm DI CL PN35 Fire Main</p> <p>2 Fittings Supply and install complete</p> <p>b) Tee Junctions i) 200/100mm dia.</p> <p>a) Sluice Valve complete including all fittings & Markers i) 100mm dia.</p> <p>b) Fire Hydrants complete including all fittings & Markers i) 100mm dia.</p> <p>3 Water Services Water Services to Lot, including water meters, Tapping bands, Poly, Kerb Markers and all fittings as per Council standards.</p> <p>4 Connection to Existing Allowance for all items required to make connection to existing 'live' infrastructure, including but not limited to, fees & charges, all documentation completion and submission, coordination with all relevant authorities and booking of supervision with relevant authority</p> <p>5 Testing Provide compliant tests for submission in accordance with the relevant authority and Council specifications.</p> <p>a) Pressure Testing b) Water Quality</p> <p>TOTAL PART F - WATER RETICULATION</p>	<p>Im 30.1</p> <p>No. 2.0</p> <p>No. 2.0</p> <p>No. 2.0</p> <p>No. 3.0</p> <p>PC Item 3.0</p> <p>Item 1</p> <p>Item 1</p>	<p>120.00</p> <p>120.00</p> <p>120.00</p> <p>150.00</p> <p>150.00</p> <p>500.00</p> <p>500.00</p>	<p>\$3,612.00</p> <p>\$240.00</p> <p>\$240.00</p> <p>\$300.00</p> <p>\$450.00</p> <p>\$1,500.00</p> <p>\$500.00</p> <p>\$500.00</p> <p>\$7,342.00</p>
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<p>PART G - FOOTING & SLAB</p> <p>1 Concrete Footing Construct as nominated on drawings including, supply, formwork, reinforcement and concrete, pump, compaction, jointing, finishing and curing complete</p> <p>a) Concrete Footing (300x500) Concrete Footing - 25Mpa Reinf. 3-L12TM TOP & BOTTOM</p> <p>b) Concrete Footing (600x500) Concrete Footing - 25Mpa Reinf. 5-L12TM TOP & BOTTOM</p> <p>c) Concrete Footing (300x500) Concrete Footing - 32Mpa Reinf. 3-L16TM TOP & BOTTOM. R8-300 CTS.LIGS</p> <p>1 Concrete Slab Construct as nominated on drawings including, supply, formwork, reinforcement and concrete, pump, compaction, jointing, finishing and curing complete</p> <p>a) 100mm Thk Concrete Slab - 25Mpa On Grade Reinf. W/ SL92 Mesh O/ Damp Proof Membrane</p> <p>b) Excavation (600x500) Concrete Footing - 25Mpa Reinf. 5-L12TM TOP & BOTTOM</p> <p>c) Formwork</p> <p>TOTAL PART G - FOOTING & SLAB</p>	<p>m³ 43.5</p> <p>m³ 3.1</p> <p>m³ 2.3</p> <p>m² 313.0</p> <p>m³ 31.3</p> <p>m² 11.8</p>	<p>250.00</p> <p>250.00</p> <p>250.00</p> <p>230.00</p> <p>230.00</p> <p>120.00</p>	<p>\$10,875.00</p> <p>\$772.50</p> <p>\$573.75</p> <p>\$71,990.00</p> <p>\$7,199.00</p> <p>\$1,416.00</p> <p>\$80,605.00</p>
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