

**THE VILLAGE STAGE 7C & 7D
AT 286 LAKESIDE DR, OONOONBA
ECONOMIC DEVELOPMENT
BILL OF QUANTITIES****SUMMARY**

1	PRELIMINARIES	192,735.00
2	EARTHWORKS	1,421,417.00
3	ROADWORKS	481,295.00
4	STORMWATER DRAINAGE	190,070.00
5	WATER RETICULATION	143,450.00
6	SEWERAGE RETICULATION	155,135.50
7	CONDUITS & TRENCHING	606,000.00
	TOTAL (GST exclusive)	3,190,102.50

The Bill of Quantities does not form part of the Contract. It is the tenderer's responsibility to check all quantities.

Signature of Tenderer: Date.....

**THE VILLAGE STAGE 7C & 7D
AT 286 LAKESIDE DR, OONOONBA
ECONOMIC DEVELOPMENT
BILL OF QUANTITIES**

	Description	Unit	Quantity	Rate	Amount
1	PRELIMINARIES				
1.1	Insurance in accordance with contract provisions	Item	1	1,500.00	1,500.00
1.2	Adjustments to existing services as directed by Superintendent PROVISIONAL	Prov Sum	1	15,000.00	15,000.00
1.3	Environmental Management Plan PROVISIONAL	Item	1	1,500.00	1,500.00
1.4	As-constructed survey including subgrade, subbases, base and finished surface levels at all setout points	Item	1	7,500.00	7,500.00
1.5	Portable Long Service Leave (at 0.575% of total cost, excl. Preliminaries)	Item	1	17,235.00	17,235.00
1.6	Contingency Sum to be spent in whole or part as directed by Superintendent PROVISIONAL	Prov Sum	1	150,000.00	150,000.00
1.7	Other items to complete the works as documented (Contractor to insert and price)	Item	1	0.00	0.00
	TOTAL PRELIMINARIES				<u><u>192,735.00</u></u>

**THE VILLAGE STAGE 7C & 7D
 AT 286 LAKESIDE DR, OONOOBBA
 ECONOMIC DEVELOPMENT
 BILL OF QUANTITIES**

Description		Unit	Quantity	Rate	Amount
2	EARTHWORKS				
2.1	Establishment and demobilisation of site offices and facilities	Item	1	15,000.00	15,000.00
2.2	Soil Erosion & Sediment Control				
2.2.1	Construction Entrance	Item	1	3,500.00	3,500.00
2.2.2	Side Inlet Pit Protection	Item	14	750.00	10,500.00
2.2.3	Supply & install turf strip behind kerb	m	678	45.00	30,510.00
2.2.4	Rock Check Dam	No	2	1,200.00	2,400.00
2.2.5	Hydromulching of earthworked areas	m ²	18200	2.00	36,400.00
2.2.6	Maintenance of Soil Erosion and Sediment Control Devices (Provisional Quantity)	Item	1.0	7,500.00	7,500.00
2.3	Clearing and grubbing	ha	2.169	4,000.00	8,676.00
2.4	Backfill of excavated manholes, pits, stumps, roots and other existing elements with imported and compacted CBR15 material. PROVISIONAL SUM	m ³	450	90.00	40,500.00
2.5	Retaining wall including footing and subsoil drainage				
2.5.1	Up to 0.6m high	m	65	\$ 1,000.00	65,000.00
2.5.2	0.6 - 1.0m high	m	77	\$ 1,100.00	84,700.00
2.5.3	1.0 - 1.42m high	m	10	\$ 1,200.00	12,000.00
2.6	Earthworks including (Type 1 Level 2 compaction control to AS 3798) Compacted measurement:-				
2.6.1	Topsoil, strip 100mm depth and stockpile	m ³	2169	12.00	26,028.00
2.6.2	Imported fill, incl compaction	m ³	13741	75.00	1,030,575.00
2.6.3	Topsoil, spread from stockpile to verges & lots	m ³	2169	12.00	26,028.00
2.7	Final trimming of allotments and footpaths	ha	1.55	12,000.00	18,600.00
2.8	Compaction testing as specified	Item	1	3,500.00	3,500.00
2.9	Other items to complete the works as documented (Contractor to insert and price)	Item	1	0.00	0.00
TOTAL EARTHWORKS					<u><u>1,421,417.00</u></u>

**THE VILLAGE STAGE 7C & 7D
AT 286 LAKESIDE DR, OONONBA
ECONOMIC DEVELOPMENT
BILL OF QUANTITIES**

	Description	Unit	Quantity	Rate	Amount
3	ROADWORKS				
3.1	Provision for traffic	Item	1	3,000.00	3,000.00
3.2	Unsuitable material, excavation, disposal off site and replacement as per 'SOFT SPOT REPLACEMENT'. PROVISIONAL SUM	m ³	90	165.00	14,850.00
3.3	Subsoil drains, including surround material with clean outs and connections to manholes.	m	660	23.00	15,180.00
3.4	Kerbing				
3.4.1	Layback kerb and channel	m	630	40.00	25,200.00
3.5	Roll, grade and trim pavement bed	m ²	2950	2.50	7,375.00
3.6	Pavements, compacted measurement.				
3.6.1	Asphalt surfacing, 35mm AC10H 320 binder	m ²	2458	65.00	159,770.00
3.6.2	Primer seal	m ²	2458	10.00	24,580.00
3.6.3	Base, Type 2.1	m ³	369	135.00	49,815.00
3.6.4	Subbase, Type 2.3	m ³	490	125.00	61,250.00
3.6.5	100mm thick concrete footpath N25, 50mm bedding	m ²	411	175.00	71,925.00
3.6.6	125mm thick concrete footpath N25, 50mm bedding	m ²	212	200.00	42,400.00
3.7	100mm wide edge line	m	30	15.00	450.00
3.8	Street name sign and posts:				
3.8.1	Two name plates with house numbers	Each	1	2,000.00	2,000.00
3.9	Compaction testing as specified	Item	1	3,500.00	3,500.00
3.1	Other items to complete the works as documented (Contractor to insert and price)	Item	1	0.00	0.00
	TOTAL ROADWORKS				481,295.00

**THE VILLAGE STAGE 7C & 7D
AT 286 LAKESIDE DR, OONOOBBA
ECONOMIC DEVELOPMENT
BILL OF QUANTITIES**

	Description	Unit	Quantity	Rate	Amount
4	STORMWATER DRAINAGE				
4.1	Removal and disposal offsite of any stormwater products onsite.	Item	1	4,000.00	4,000.00
4.2	Grout fill existing stormwater lines	m	96	15.00	1,440.00
4.3	Pipes and boxes, supply, lay and joint, including trench excavation, concrete base slab, sand bedding and surround and backfilling to trenches and disposal of spoil as specified for drains:				
4.3.1	375 dia RCP Class 3	m	164	420.00	68,880.00
4.3.2	600x300 RCBC	m	65	650.00	42,250.00
4.4	Precast side inlet pits:				
4.4.1	2400 inlet with 900 x 900 chamber and concrete kerb transitions	No	10	6,000.00	60,000.00
4.5	CCTV of stormwater system:				
4.5.1	On maintenance	Item	1	5,000.00	5,000.00
4.5.2	Off maintenance	Item	1	5,000.00	5,000.00
4.6	Compaction testing as specified	Item	1	3,500.00	3,500.00
4.7	Other items to complete the works as documented (Contractor to insert and price)	Item	1	0.00	0.00
	TOTAL STORMWATER DRAINAGE				190,070.00

**THE VILLAGE STAGE 7C & 7D
AT 286 LAKESIDE DR, OONOOBBA
ECONOMIC DEVELOPMENT
BILL OF QUANTITIES**

Description		Unit	Quantity	Rate	Amount
5	WATER RETICULATION				
5.1	Water mains, excavate, supply, lay, joint, sand bedding, surround, backfill, test, sterilise, flush, disposal of spoil, special pipes, fittings and anchor blocks of:				
5.1.1	100 mm dia PVC PN16	m	683	150.00	102,450.00
5.2	Valve installation complete including chamber, surface box, margin block and marker for:				
5.2.1	100 dia sluice valve	Each	5	1,500.00	7,500.00
5.2.2	100 dia air valve with vent pipe	Each	1	5,000.00	5,000.00
5.3	Hydrant installation complete including chamber, hydrant tee and riser, gaskets and bolts, surface box margin block and marker on:				
5.3.1	100 mm dia mains	Each	5	3,000.00	15,000.00
5.4	Connect to existing water main under Council supervision with new tee connection	No	4	2,500.00	10,000.00
5.5	Compaction testing as specified	Item	1	3,500.00	3,500.00
5.6	Other items to complete the works as documented (Contractor to insert and price)	Item	1	0.00	0.00
TOTAL WATER RETICULATION					143,450.00

**THE VILLAGE STAGE 7C & 7D
 AT 286 LAKESIDE DR, OONONBA
 ECONOMIC DEVELOPMENT
 BILL OF QUANTITIES**

	Description	Unit	Quantity	Rate	Amount
6	SEWERAGE RETICULATION				
6.1	150 mm dia PVC DWV SN8 sewer pipes, excavation, backfilling, disposal of spoil, sand bedding, overlay, supply, lay joint and test, for depths of:				
6.1.1	Up to 1.5 m	m	445.3	175.00	77,927.50
6.1.2	1.5 m to 3.0 m	m	43.2	190.00	8,208.00
6.2	Raise existing manhole	Item	3	900.00	2,700.00
6.3	Manholes complete, for depths of:				
6.3.1	Up to 1.5 m	Each	2	5,000.00	10,000.00
6.4	Maintenance Shaft complete, for depths of:				
6.4.1	Up to 1.5 m	Each	3	2,500.00	7,500.00
6.4.2	1.5 m to 3.0 m	Each	1	3,000.00	3,000.00
6.5	House drain connection, supply, install including oblique branch for:				
6.5.1	Seal HC at existing manhole 4/SB15A1D	Each	1	300.00	300.00
6.5.2	Redirection HC at existing manhole 2/SB15A1C1A	Each	1	300.00	300.00
6.5.3	New sewermain (Type A)	Each	4	300.00	1,200.00
6.5.4	New sewermain (Type B)	Each	26	400.00	10,400.00
6.5.5	New manhole (Type A)	Each	3	200.00	600.00
6.5.6	New manhole (Type A - long)	Each	1	1,100.00	1,100.00
6.5.7	New maintenance shaft (Type A)	Each	6	300.00	1,800.00
6.5.8	New maintenance shaft (Type B)	Each	2	300.00	600.00
6.6	Benching of existing manhole and connecting new sewer pipe under Council supervision	Each	4	4,000.00	16,000.00
6.7	CCTV of sewer system:				
6.7.1	On maintenance	Item	1	5,000.00	5,000.00
6.7.2	Off maintenance	Item	1	5,000.00	5,000.00
6.8	Compaction testing as specified	Item	1	3,500.00	3,500.00
6.9	Other items to complete the works as documented (Contractor to insert and price)	Item	1	0.00	0.00
	TOTAL SEWERAGE RETICULATION				155,135.50

**THE VILLAGE STAGE 7C & 7D
AT 286 LAKESIDE DR, OONONBA
ECONOMIC DEVELOPMENT
BILL OF QUANTITIES**

Description		Unit	Quantity	Rate	Amount
7	CONDUITS & TRENCHING				
7.1	Electrical conduits, supply & installation of PVC, including sand surround, draw rope, sealing of ends & installation of kerb markers:				
7.1.1	50 mm dia	m	800	150.00	120,000.00
7.1.2	100 mm dia	m	500	170.00	85,000.00
7.2	Communications conduits, supply & installation of PVC including sand surround, draw rope, sealing of ends & installation of kerb markers:				
7.2.1	20 mm dia	m	800	140.00	112,000.00
7.2.2	50 mm dia	m	200	150.00	30,000.00
7.2.3	100 mm dia	m	200	170.00	34,000.00
7.3	Padmount substation	Item	1	300,000.00	300,000.00
7.4	Electrical pits, excavation, installation of and backfill	Each	10	8,000.00	80,000.00
7.5	Communications pits, excavation, installation of and backfill	Each	10	5,000.00	50,000.00
7.6	Other items to complete the works as documented (Contractor to insert and price)	Item	1	0.00	0.00
TOTAL CONDUITS & TRENCHING					606,000.00