Summary Sheet

Division	Title		Amount
AREA A - BLACKWELL AVE TO GRIMMETT STREET INCLUDING ROUNDABOUT			
01	General Requirements	$	130,200.00
03	Concrete	$	296,790.00
26	Electrical	$	135,000.00
31	Earthworks	$	257,570.00
32	Roads and Site Improvements	$	1,010,052.50
33	Utilities	$	925,875.00
34	Transportation	$	15,000.00
OP	Optional and Provisional Items	$	81,000.00
SUBTOTAL AREA A		$	2,851,487.50
AREA B - GRIMMETT STREET TO BELSHAW STREET/RIVER RANCH ROAD			
01	General Requirements	$	179,800.00
03	Concrete	$	455,930.00
26	Electrical	$	60,000.00
31	Earthworks	$	190,693.75
32	Roads and Site Improvements	$	1,001,700.00
33	Utilities	$	861,050.00
34	Transportation	$	15,000.00
OP	Optional and Provisional Items	$	135,000.00
SUBTOTAL AREA A		$	2,899,173.75
	Estimate Total	$	5,750,661.25
	Contingency 20%	$	1,150,132.25
	Engineering Fees 10%	$	575,066.13
	Estimate Total including Contingency and Engineering	$	7,475,859.63

excluding GST

AREA A - BLACKWELL AVE TO GRIMMETT STREET INCLUDING ROUNDABOUT							
Item #	Payment Para	Section	Item Description	Unit	Quantity	Unit Price	Amount
	Division 01 - General Requirements					Sub-Total Division 01	130,200.00
01.01			Mobilization / De-Mobilization	LS	1	$ 21,000.00	21,000.00
01.02			Project Safety Documentation	LS	1	$ 6,300.00	6,300.00
01.03			Survey Layout and Project Record Documents	LS	1	$ 21,000.00	21,000.00
01.04			Traffic/Pedestrian Control, Vehicle Access, Contractor Staging Area, Security Fencing and Parking	LS	1	$ 42,000.00	42,000.00
01.05			Environmental Protection	LS	1	$ 6,300.00	6,300.00
01.06			Bonding/Insurance	LS	1	$ 33,600.00	33,600.00
	Division 03 - Concrete					Sub-Total Division 03	$ 296,790.00
03.01			Barrier Curb and Gutter, MMCD C4	l.m	1350	$ 115.00	$ 155,250.00
03.02			Concrete Swale. 225mm Depth	l.m	40	$ 160.00	$ 6,400.00
03.03			Concrete Bus Bay, 225mm Depth	sq.m	80	$ 225.00	$ 18,000.00
03.04			Median Curb, MMCD C6 (Delineator/Approach Islands)	l.m	115	$ 95.00	$ 10,925.00
03.05			Wide-Base Rollover Curb (Truck Apron)	l.m	70	$ 210.00	$ 14,700.00
03.06			Barrier Curb (Roundabout Centre Island))	l.m	45	$ 315.00	$ 14,175.00
03.07			Sidewalk, 100mm Depth, 100mm Granular Base	sq.m	22	$ 140.00	$ 3,080.00
03.08			Stamped Concrete + Base Gravel (Delineator Islands and Buffer Strips)	l.m	177	$ 180.00	$ 31,860.00
03.09			Letdown, Angled Bicycle	ea	2	$ 1,500.00	$ 3,000.00
03.10			Letdown, 3.0m, MMCD C9 (includes Tactile Warning Strip)	ea	1	$ 3,000.00	$ 3,000.00
03.10			CIP Tactile Warning Strip, 0.6x2.4m Concrete Inset within Asphalt	ea	19	$ 1,600.00	$ 30,400.00
03.11			Driveway Letdown	ea	1	$ 6,000.00	$ 6,000.00

	Division 26 - Electrical					**Sub-Total Division 26**	135,000.00
26.01			Street Lighting, including installation of bases, poles, luminaires, conduit, junction boxes and conductor	LS	1	$ 60,000.00	$ 60,000.00
26.02			Relocate Existing Transmission Poles	ea	3	$ 25,000.00	$ 75,000.00
	Division 31 - Earthworks					**Sub-Total Division 31**	257,570.00
31.01			Clearing and Grubbing	LS	1	$ 12,000.00	$ 12,000.00
31.02			Top Soil Stripping (up to 200mm depth), Stockpile Onsite and Reuse or Dispose Offsite	sq.m	1875	$ 15.00	$ 28,125.00
31.03			Subgrade Preparation (Road)	sq.m	7800	$ 2.00	$ 15,600.00
31.04			Subgrade Preparation (MUP)	sq.m	1875	$ 2.00	$ 3,750.00
31.05			Subgrade Preparation (Sidewalk)	sq.m	620	$ 2.00	$ 1,240.00
31.06			Common Excavation, Cut to Fill Onsite	cu.m	1505	$ 12.50	$ 18,812.50
31.07			Import Structural or Pit Run Fill	cu.m	200	$ 45.00	$ 9,000.00
31.07			Common Excavation, Dispose Offsite (Sub-Excavation)	cu.m	3803	$ 17.00	$ 64,642.50
31.08			Storm Pond Construction	LS	1	$ 50,000.00	$ 50,000.00
31.09			Class 10 Riprap at drainage inlet/outlet structures, 400mm average depth	sq.m	12	$ 125.00	$ 1,500.00
		Removals					
31.10			Removal/Disposal of Ex. Sidewalk (200mm Depth)	sq.m	1075	$ 10.00	$ 10,750.00
31.11			Removal/Disposal MUP Sub-Excavation (200mm depth)	sq.m	1875	$ 10.00	$ 18,750.00
31.12			Removal/Salvage to City Yards Ex. Water Valves and Hydrants	ea	5	$ 1,200.00	$ 6,000.00
31.13			Removal/Disposal Ex. Sanitary and Storm Manholes	ea	9	$ 1,600.00	$ 14,400.00
31.14			Removal/Salvage to City Yards Ex. Signage	LS	1	$ 3,000.00	$ 3,000.00

	Division 32 - Roads and Site Improvements				**Sub-Total Division 32**		$ 1,010,052.50
	Road Improvements						
32.01			Full Depth Reclamation, 300-400mm Depth	sq.m	7700	$ 16.00	$ 123,200.00
32.03			Granular Subbase, 400mm Depth (Road) - 25% Reclaim Blend	sq.m	7800	$ 15.00	$ 117,000.00
32.04			Granular Base, 150mm Depth (Road)	sq.m	7800	$ 11.00	$ 85,800.00
32.05			Granular Base, 100m Depth (MUP)	sq.m	3095	$ 12.50	$ 38,687.50
32.06			Asphalt Pavement, 100mm Depth (Road)	sq.m	7687	$ 45.00	$ 345,915.00
32.07			Asphalt Pavement, 50mm Depth (Walkway)	sq.m	1220	$ 40.00	$ 48,800.00
32.07			Asphalt Pavement, 50mm Depth (MUP)	sq.m	1875	$ 40.00	$ 75,000.00
32.08			Asphalt Pavement, 100mm Depth, Stamped Finish (Roundabout Apron)	sq.m	226	$ 150.00	$ 33,900.00
32.09			Thermoplastic Pavement Markings	LS	1	$ 30,000.00	$ 30,000.00
	Site Improvements						
32.10			Landscaping, Roundabout Centre Island & Irrigation	sq.m	140	$ 150.00	$ 21,000.00
32.11			Landscaping, General Areas (budget) including irrigation & site furniture	PS	1	$ 75,000.00	$ 75,000.00
32.11			Hydroseeding Distrubed Areas	sq.m	6300	$ 2.50	$ 15,750.00

	Division 33 - Utilities				**Sub-Total Division 33**		$ 925,875.00
	Water System						
33.01			200mm PVC Watermain	l.m	615	$ 195.00	$ 119,925.00
33.02			150mm PVC Watermain	l.m	15	$ 180.00	$ 2,700.00
33.03			200mm Gate Valve	ea	8	$ 2,500.00	$ 20,000.00
33.04			150mm Gate Valve	ea	1	$ 2,000.00	$ 2,000.00
33.05			200x200x200 Tee	ea	2	$ 1,750.00	$ 3,500.00
33.06			200x200x150 Tee	ea	2	$ 1,750.00	$ 3,500.00
33.07			150mm 22.5 Bend	ea	2	$ 1,750.00	$ 3,500.00
33.08			200mm 22.5 Bend	ea	1	$ 1,750.00	$ 1,750.00
33.09			Tie into Existing Watermain	l.m	5	$ 5,000.00	$ 25,000.00
33.10			Watermain Service Tie In c/w Saddle and Municipex Service	ea	2	$ 1,000.00	$ 2,000.00
33.11			Watermain Hydrant Lead Tie In c/w 200x200x150 Tee, 150mm Gate Valve and 150mm PVC Lead	ea	1	$ 3,000.00	$ 3,000.00
	Division 33 - Utilities Continued				**Sub-Total Division 33**		Continued
	Sanitary Sewer System						
33.12			300mm PVC Sanitary Sewer inclyuding bypass pumping	l.m	620	$ 380.00	$ 235,600.00
33.13			Tie into Existing Sanitary Sewer	ea	6	$ 3,500.00	$ 21,000.00
33.14			Sanitary Service Tie In c/w 150mm PVC Pipe and Wye	ea	0	$ 1,500.00	$ -
33.15			1050mm Dia. Sanitary Manhole	ea	7	$ 4,000.00	$ 28,000.00

	Storm Sewer System						
33.20			450mm PVC Storm Sewer	l.m	610	$ 515.00	$ 314,150.00
33.23			200mm PVC CB Lead	l.m	75	$ 150.00	$ 11,250.00
33.24			250mm PVC CB Lead	l.m	35	$ 200.00	$ 7,000.00
33.25			Tie into Existing Storm Sewer	ea	3	$ 5,000.00	$ 15,000.00
33.26			900mm Dia. Catchbasin	l.m	7	$ 2,500.00	$ 17,500.00
33.27			900mm Dia. Double Catchbasin	l.m	5	$ 4,500.00	$ 22,500.00
33.28			1050mm Dia. Storm Manhole	ea	13	$ 4,000.00	$ 52,000.00
33.29			1050mm Dia. Storm Flow Control Manhole	ea	1	$ 7,000.00	$ 7,000.00
33.30			450mm Storm Headwall	ea	2	$ 4,000.00	$ 8,000.00
	Division 34 - Transportation					**Sub-Total Division 34**	$ 15,000.00
34.01			Signage	LS	1	$ 15,000.00	$ 15,000.00
	Division OP - Optional & Provisional Items					**Sub-Total Division OP**	$ 81,000.00
OP.01			Road Subgrade Over-Excavation and Replace with Granular Material	cu.m	600	$ 45.00	$ 27,000.00
OP.02			Utility Trench Subgrade Over-Excavation and Replace with Granular Material	cu.m	600	$ 45.00	$ 27,000.00
OP.03			Imported Backfill	cu.m	600	$ 45.00	$ 27,000.00

AREA B - GRIMMETT STREET TO BELSHAW STREET/RIVER RANCH ROAD							
Item #	Payment Para	Section	Item Description	Unit	Quantity	Unit Price	Amount
	Division 01 - General Requirements					Sub-Total Division 01	179,800.00
01.01			Mobilization / De-Mobilization	LS	1	$ 29,000.00	29,000.00
01.02			Project Safety Documentation	LS	1	$ 8,700.00	8,700.00
01.03			Survey Layout and Project Record Documents	LS	1	$ 29,000.00	29,000.00
01.04			Traffic/Pedestrian Control, Vehicle Access, Contractor Staging Area, Security Fencing and Parking	LS	1	$ 58,000.00	58,000.00
01.05			Environmental Protection	LS	1	$ 8,700.00	8,700.00
01.06			Bonding/Insurance	LS	1	$ 46,400.00	46,400.00
	Division 03 - Concrete					Sub-Total Division 03	$ 455,930.00
03.01			Barrier Curb and Gutter, MMCD C4	l.m	1800	$ 115.00	$ 207,000.00
03.02			Concrete Swale. 225mm Depth	l.m	160	$ 160.00	$ 25,600.00
03.03			Concrete Bus Bay, 225mm Depth	sq.m	330	$ 225.00	$ 74,250.00
03.04			Median Curb, MMCD C6 (Delineator/Approach Islands)	l.m	150	$ 95.00	$ 14,250.00
03.05			Wide-Base Rollover Curb (Truck Apron)	l.m	80	$ 210.00	$ 16,800.00
03.06			Barrier Curb (Roundabout Centre Island))	l.m	50	$ 315.00	$ 15,750.00
03.08			Stamped Concrete + Base Gravel (Delineator Islands and Buffer Strips)	l.m	96	$ 180.00	$ 17,280.00
03.09			Letdown, Angled Bicycle	ea	2	$ 1,500.00	$ 3,000.00
03.10			Letdown, 3.0m, MMCD C9 (includes Tactile Warning Strip)	ea	12	$ 3,000.00	$ 36,000.00
03.10			CIP Tactile Warning Strip, 0.6x2.4m Concrete Inset within Asphalt	ea	10	$ 1,600.00	$ 16,000.00
03.11			Driveway Letdown	ea	5	$ 6,000.00	$ 30,000.00
	Division 26 - Electrical					Sub-Total Division 26	60,000.00
26.01			Street Lighting, including installation of bases, poles, luminaires, conduit, junction boxes and conductor	LS	1	$ 60,000.00	$ 60,000.00
26.02			Relocate Existing Transmission Poles	ea	0	$ 20,000.00	$ -

Item #	Payment Para	Section	Item Description	Unit	Quantity	Unit Price	Amount
	Division 31 - Earthworks					Sub-Total Division 31	190,693.75
31.01			Clearing and Grubbing	LS	1	$ 3,000.00	$ 3,000.00
31.02			Top Soil Stripping (up to 200mm depth), Stockpile Onsite and Reuse or Dispose Offsite	sq.m	480	$ 15.00	$ 7,200.00
31.03			Subgrade Preparation (Road)	sq.m	8900	$ 2.00	$ 17,800.00
31.04			Subgrade Preparation (MUP)	sq.m	480	$ 2.00	$ 960.00
31.05			Subgrade Preparation (Sidewalk)	sq.m	1800	$ 2.00	$ 3,600.00
31.06			Common Excavation, Cut to Fill Onsite	cu.m	1480	$ 12.50	$ 18,500.00
31.07			Import Structural or Pit Run Fill	cu.m	825	$ 45.00	$ 37,125.00
31.07			Common Excavation, Dispose Offsite (Sub-Excavation)	cu.m	4339	$ 17.00	$ 73,758.75
31.08			Class 10 Riprap at drainage inlet/outlet structures, 400mm average depth	sq.m	0	$ 125.00	$ -
	Removals						
31.10			Removal/Disposal of Ex. Sidewalk (200mm Depth)	sq.m	1375	$ 10.00	$ 13,750.00
31.11			Removal/Disposal MUP Sub-Excavation (200mm depth)	sq.m	480	$ 10.00	$ 4,800.00
31.12			Removal/Salvage to City Yards Ex. Water Valves and Hydrants	ea	2	$ 1,200.00	$ 2,400.00
31.13			Removal/Disposal Ex. Sanitary and Storm Manholes	ea	3	$ 1,600.00	$ 4,800.00
31.14			Removal/Salvage to City Yards Ex. Signage	LS	1	$ 3,000.00	$ 3,000.00

Item #	Payment Para	Section	Item Description	Unit	Quantity	Unit Price	Amount
	Division 32 - Roads and Site Improvements					Sub-Total Division 32	$ 1,001,700.00
		Road Improvements					
32.01			Full Depth Reclamation, 300-400mm Depth	sq.m	9400	$ 16.00	$ 150,400.00
32.03			Granular Subbase, 400mm Depth (Road) - 75%	sq.m	8900	$ 15.00	$ 133,500.00
32.04			Granular Base, 150mm Depth (Road)	sq.m	8900	$ 11.00	$ 97,900.00
32.05			Granular Base, 100m Depth (MUP)	sq.m	2160	$ 12.50	$ 27,000.00
32.06			Asphalt Pavement, 100mm Depth (Road)	sq.m	8900	$ 45.00	$ 400,500.00
32.07			Asphalt Pavement, 50mm Depth (Walkway)	sq.m	1680	$ 40.00	$ 67,200.00
32.07			Asphalt Pavement, 50mm Depth (MUP)	sq.m	480	$ 40.00	$ 19,200.00
32.08			Asphalt Pavement, 100mm Depth, Stamped Finish (Roundabout Apron)	sq.m	275	$ 150.00	$ 41,250.00
32.09			Thermoplastic Pavement Markings	LS	1	$ 15,000.00	$ 15,000.00
		Site Improvements					
32.10			Landscaping, Roundabout Centre Island & Irrigation	sq.m	165	$ 150.00	$ 24,750.00
32.11			Landscaping, General Areas (budget) including irrigation & site furniture	PS	1	$ 25,000.00	$ 25,000.00
32.11			Hydroseeding Distrubed Areas	sq.m	950	$ 2.50	$ 2,375.00

Item #	Payment	Section Para	Item Description	Unit	Quantity	Unit Price	Amount
	Division 33 - Utilities					Sub-Total Division 33	$ 861,050.00
	Water System						
33.01			200mm PVC Watermain	l.m	850	$ 195.00	$ 165,750.00
33.02			150mm PVC Watermain	l.m	10	$ 180.00	$ 1,800.00
33.03			200mm Gate Valve	ea	12	$ 2,500.00	$ 30,000.00
33.04			150mm Gate Valve	ea	1	$ 2,000.00	$ 2,000.00
33.05			200x200x200x200 Cross	ea	1	$ 2,000.00	$ 2,000.00
33.06			200x200x200 Tee	ea	1	$ 1,750.00	$ 1,750.00
33.07			200x200x150 Tee	ea	1	$ 1,750.00	$ 1,750.00
33.08			150mm 22.5 Bend	ea	0	$ 1,750.00	$ -
33.09			200mm 22.5 Bend	ea	0	$ 1,750.00	$ -
33.10			Tie into Existing Watermain	l.m	2	$ 5,000.00	$ 10,000.00
33.11			Watermain Service Tie In c/w Saddle and Municipex Service	ea	9	$ 1,000.00	$ 9,000.00
33.12			Watermain Hydrant Lead Tie In c/w 200x200x150 Tee, 150mm Gate Valve and 150mm PVC Lead	ea	3	$ 3,000.00	$ 9,000.00

Item #	Payment Para	Section	Item Description	Unit	Quantity	Unit Price	Amount
	Division 33 - Utilities Continued					Sub-Total Division 33	Continued
	Sanitary Sewer System						
33.13			300mm PVC Sanitary Sewer including bypass pumping	l.m	455	$ 300.00	$ 136,500.00
33.14			Tie into Existing Sanitary Sewer	ea	5	$ 3,500.00	$ 17,500.00
33.15			Sanitary Service Tie In c/w 150mm PVC Pipe and Wye	ea	3	$ 1,500.00	$ 4,500.00
33.16			1050mm Dia. Sanitary Manhole	ea	8	$ 4,000.00	$ 32,000.00
	Storm Sewer System						
33.20			375mm PVC Storm Sewer	l.m	820	$ 410.00	$ 336,200.00
33.20			450mm PVC Storm Sewer	l.m	20	$ 515.00	$ 10,300.00
33.24			200mm PVC CB Lead	l.m	90	$ 150.00	$ 13,500.00
33.25			250mm PVC CB Lead	l.m	20	$ 200.00	$ 4,000.00
33.26			Tie into Existing Storm Sewer	ea	0	$ 5,000.00	$ -
33.27			900mm Dia. Catchbasin	l.m	11	$ 2,500.00	$ 27,500.00
33.28			900mm Dia. Double Catchbasin	l.m	4	$ 4,500.00	$ 18,000.00
33.29			1050mm Dia. Storm Manhole	ea	7	$ 4,000.00	$ 28,000.00
	Division 34 - Transportation					Sub-Total Division 33	$ 15,000.00
34.01			Signage	LS	1	$ 15,000.00	$ 15,000.00
	Division OP - Optional & Provisional Items					Sub-Total Division OP	$ 135,000.00
OP.01			Road Subgrade Over-Excavation and Replace with Granular Material	cu.m	1000	$ 45.00	$ 45,000.00
OP.02			Utility Trench Subgrade Over-Excavation and Replace with Granular Material	cu.m	1000	$ 45.00	$ 45,000.00
OP.03			Imported Backfill	cu.m	1000	$ 45.00	$ 45,000.00