APPENDIX 1
SCHEDULE OF QUANTITIES AND PRICES

(All prices and *Quotations* including the *Contract Price* shall include all *Taxes*, but shall not include *GST*. *GST* shall be shown separately.)

Any work called for in these Contract Documents, shown on the plans, or which is necessary for the completion of the Work called for in these Contract Documents and which is not specifically listed as a separate payment item in this Appendix shall be deemed incidental to the performance of the Work and to the general purpose of the Contract; no separate payment will be made on account of any such Work, but the costs of any such incidental Work shall be included in the Unit and Lump Sum Prices.

TENDER SUMMARY SHEET

DIVISION	TITLE	AMOUNT
SITE 1: DELEM DRIVE PUMPSTATION		
01	GENERAL REQUIREMENTS	
03	CONCRETE	
15	MECHANICAL	
26	ELECTRICAL	
31	EARTHWORK	
32	ROADS AND SITE IMPROVEMENTS	
33	UTILITIES	
SITE 2: HIGHWAY 14 AT DELEM DRIVE INTERSECTION UPGRADES		
01	GENERAL REQUIREMENTS	
03	CONCRETE	
31	EARTHWORK	
32	ROADS AND SITE IMPROVEMENTS	
34	TRANSPORTATION	
	Subtotal Price	$ -
	GST @ 5%	$ -
	TOTAL	**$ -**

SITE 1 – DELEM DRIVE SEWAGE PUMPSTATION

Item	SSMP Ref.	Description	Unit	Est. Qty.	Unit Price	Amount
DIVISION 1 - GENERAL REQUIREMENTS						
01 45 00 – Quality Control						
1.01	1.4.1S	Project Specific Quality Control	Lump sum	1		
01 53 01 - Temporary Facilities						
1.02	1.9.2S	Mobilization / Demobilization	Lump sum	1		
01 55 00 - Traffic Control, Vehicle Access and Parking						
1.03	1.5.2S	Traffic Management and Traffic Control	Lump sum	1		
01 57 01 - Environmental Protection						
1.04	1.6.1S	Environmental Protection	Lump sum	1		
01 57 02 – Dewatering						
1.05	1.6	Dewatering	Lump Sum	1		
DIVISION 3 - CONCRETE						
03 30 53 – Cast-in-Place Concrete						
3.01	1.5.3	Electrical Kiosk & Generator Foundation	Lump Sum	1		
3.02	1.5.3	Wet Well Foundation and Piles	Lump Sum	1		
03 40 01 - Pre-Cast Concrete						
3.03	1.4.4	Pigging Chamber	Lump Sum	1		
DIVISION 15 - MECHANICAL						
15200 – Mechanical Process Piping						
15.01	1.8.1a	Arrangement and Coordination of Delivery, Unloading, Safe Storage, Rigging, Installation, and Testing and Commissioning of the Package Pump Station	Lump Sum	1		
15.02	1.8.1b	All Pipe and Other Mechanical Works	Lump Sum	1		
DIVISION 26 - ELECTRICAL						
26 60 00 – Electrical Payment Items						
26.01	26-1.1	Coordinate Power Supply to Site	Lump Sum	1		
26.02	26-1.2	Hydro and Communication Conduits	Lump Sum	1		
26.03	26-1.3	Electrical Kiosk Supply, Installation, and Commissioning	Lump Sum	1		
26.04	26-1.4	Generator Supply, Installation, and Commissioning	Lump Sum	1		
26.05	26-1.5	Wet Well Electrical	Lump Sum	1		
26.06	26-1.6	Miscellaneous Electrical for Valve Chamber and Street Light	Lump Sum	1		
26.07	26-1.7	SCADA Programming Coordination	Lump Sum	1		

Item	SSMP Ref.	Description	Unit	Est. Qty.	Unit Price	Amount
DIVISION 31 - EARTHWORKS						
31 11 01 - Clearing and Grubbing						
31.01	1.4.1	Clearing and Grubbing	Lump sum	1		
31 22 01 – Site Grading						
31.02	1.4.2	Site Grading and Excavation	Lump sum	1		
31 23 01 – Excavating, Trenching and Backfilling Underground Utility						
31.03	**1.10.3**	**Overexcavtion, including backfilling with Granular sub-base**	**Cubic Meter**	**5**		
31 24 13 - Roadway Excavation, Embankment and Compaction						
31.04	1.8.4	Removal and Disposal of Existing Gravel/Rock Overburden Piles	Lump sum	1		
DIVISION 32 - ROADS AND SITE IMPROVEMENTS						
32 31 13 – Chain Link Fences and Gates						
32.01	1.5.2	Bollards (Removable – Sheet C5)	Ea.	5		

DIVISION 33 – UTILITIES						
33 30 01 – Sanitary Sewers						
33.01	1.6.1/2	Sewer Pipe PVC DR 28 - 300 mm diameter, for depth of main 1.5m Imported Backfill	Lineal Meters	112		
33.02	1.6.7	Sanitary Tie -In 300mm diameter into existing 300mm diameter sanitary sewer or existing manhole	Each	2		
33.03	1.6.7	Sanitary Tie -In Connection to Pumpstation	Each	1		
33 34 01 – Sewage Forcemains						
33.04	1.8.2/3	**Forcemain Pipe HDPE DR17 200**mm diameter, for depth of main 1.0m Import Backfill	Lineal Meters	682		
33.05	1.8.3	11.25 Degree Bend 200mm diameter HDPE DR17	Each	3		
33.06	1.8.5	**Combination Air Valves & Apparatus** See Sheet C501	Each	2		
33.07	1.8.7	**Flushout** See Sheet C501	Each	1		
33.08	1.8.10	**Forcemain Tie -In** 200mm diameter into existng manhole	Each	1		
33.09	1.8.10	**Forcemain Tie -In** 200mm diameter into new pumpstation	Each	1		
33 44 01 – Manholes and Catchbasins						
33.10	**1.5.1.1**	**Manhole - base, lid, slab, cover and frame 1050mm diameter**	**Each**	**5**		
33.11	**1.5.1.1**	**Manhole - base, lid, slab, cover and frame 2130mm diameter**	**Each**	**1**		
33.12	**1.5.1.2**	**Manhole Riser 1050mm diameter**	**Vertical Meters**	**6.3**		
33.13	**1.5.1.2**	**Manhole Riser 2130mm diameter**	**Vertical Meters**	**1.1**		

SITE 2 – HIGHWAY 14 AT DELEM DRIVE INTERSECTION UPGRADES

Item	SSMP Ref.	Description	Unit	Est. Qty.	Unit Price	Amount
DIVISION 1 - GENERAL REQUIREMENTS						
01 45 00 – Quality Control						
1.01	1.4.1S	Project Specific Quality Control	Lump sum	1		
01 53 01 - Temporary Facilities						
1.02	1.9.2S	Mobilization / Demobilization	Lump sum	1		
01 55 00 - Traffic Control, Vehicle Access and Parking						
1.03	1.5.2S	Traffic Management and Traffic Control	Lump sum	1		
01 57 01 - Environmental Protection						
1.04	1.6.1S	Environmental Protection	Lump sum	1		
DIVISION 3 - CONCRETE						
03 30 20 – Concrete Walks, Curb and Gutter						
3.01	**1.4.3**	**Non-Mountable Curb and Gutter (SP582-01.01)**	**Lineal Meter**	**18**		
3.02	1.4.4	Island Curb (MoTT SP582-01.04) including letdowns	Lineal meter	**112**		
3.03	1.4.5	Concrete Sidewalk (MoTT SP582-07.03) (100mm thick) – Broom Finish	Sq.m	**171**		
3.04	**1.4.10S**	**Bus Landing TWSI Yellow, Cast in Place, Elongated Bars 1200mm x 1500mm**	**Each**	**1**		
03 40 01 – Pre-Cast Concrete (BC MoTT Section 941)						
3.05	1.4.2S	**Lock-Block Retaining Wall** Minimum 375mm Burial	Square Meter	**77**		
3.06	1.4.4	No-Post Barrier: CBN – BC MoTT DWG SP941-01.01.01	Each	4		
3.07	1.4.4	No-Post Barrier: CRB – BC MoTT DWG SP941-01.02.01	Each	4		
3.08	1.4.4	No-Post Barrier: CTB– BC MoTT DWG SP941-03.01.01	Each	180		
3.09	1.4.4	No-Post Barrier: CTB– 2H BC MoTT DWG SP941-03.02.01	Each	2		
3.10	1.4.4	No-Post Barrier: 810 High Transition - BC MoTT DWG SP941-03.04.01	Each	2		

Item	SSMP Ref.	Description	Unit	Est. Qty.	Unit Price	Amount
DIVISION 31 - EARTHWORK						
31 11 01 - Clearing and Grubbing						
31.01	1.4.1	Clearing and Grubbing	Square Meter	14600		
31 22 01 – Site Grading						
31.02	1.4.1	Topsoil Stripping, 300mm depths	Cubic Meter	5000		
31 24 13 - Roadway Excavation, Embankment and Compaction						
31.03	1.8.7	**Import Embankment Fill** Borrow (Imported Fill)	Tonne	7000		
31.04	1.8.14S	**Remove Existing Asphalt Pavement** Including saw cutting and offsite disposal	Square Meter	3140		
31.05	1.8.14S	**Common Excavation** Remove existing road and shoulder structure including offsite disposal	Cubic Meter	4900		
31 37 10 – Rip-Rap						
31.07	1.4.1	Class 10kg Riprap	Tonne	60		

DIVISION 32 – ROAD AND SITE IMPROVEMENTS						
32 01 16.7 – Cold Milling						
32.01	1.5.1	**Cold Milling including disposal** To maximum 50mm thickness	Square Meter	3400		
32 11 16.1 – Granular Sub-Base						
32.02	1.4.2	**Granular Sub-Base –** 75mm Minus SGSB to BC MoTT 202.02.03	Tonne	7500		
32 11 23 – Granular Base						
32.03	1.4.1	**Granular Base –** 25mm Minus WGB to BC MoTT 202.02.02	Tonne	8800		
32.04	1.4.1	**Shoulder Gravel -** High Fines Granular Surfacing Aggregate (HFSA) to BC MoTT 202.02.01	Tonne	110		
32 12 13.1 – Asphalt Tack Coat						
32.05	1.5.1	**Asphalt Tack Coat**	Square Meter	11100		
32 12 16 – Hot-Mix Asphalt Concrete Paving						
32.06	1.5.1/2	**Asphalt Lower Course - 75mm Thick** 19mm Medium Mix HMA BC MoTT 502.08	Tonne	1450		
32.07	1.5.1/2	**Asphalt Upper Course - 50mm Thick** 16mm Medium Mix HMA BC MoTT 502.08	Tonne	1500		
32 17 23 – Painted Pavement Markings						
32.08	1.5.3	Permanent Thermoplastic Pavement Markings	Lump Sum	1		
32 31 13 – Chain Link Fences and Gates						
32.09	**1.5.4**	**Handrail on Bus Stop** **Per MMCD Standard DWG C14**	**Lineal Meter**	**18**		
32 91 21 – Topsoil and Finish Grading						
32.10	1.4.1	**Imported Topsoil and Revegetation Seeding** 150mm thickness	Square Meter	8300		

Item	SSMP Ref.	Description	Unit	Est. Qty.	Unit Price	Amount
DIVISION 34 – TRANSPORTATION (BC MoTT SECTION 635)						
34 41 13 – Traffic Signals						
34.01	1.9.4S	Traffic Controller Concrete Base	Lump sum	1		
34.02	1.9.5S	Type 10 Junction Box	Each	4		
34.03	1.9.5S	Type 12 Junction Box	Each	4		
34.04	1.9.5S	Concrete Junction Box	Each	4		
34.05	1.9.6S	50mm RPVC Conduit	Lineal Meter	900		
34.06	1.9.6S	25mm RPVC Conduit	Lineal Meter	65		
34.07	1.9.6S	Underground Wiring	Lump sum	1		
34.08	1.9.7S	Type 2 - 9m Single Davit Luminaire Pole and base	Each	5		
34.09	**1.9.7S**	**Type 2 - 11m Single Davit Luminaire Pole and base**	**Each**	**2**		
34.10	1.9.8S	Round Detector Loop	Each	8		
34.11	1.9.8S	Rectangular Detector Loop	Each	2		
34.12	1.9.9S	Tyle L Signal Pole c/w base	Each	2		
34.13	1.9.9S	Tyle 4A Signal Pole c/w base	Each	2		
34.14	1.9.9S	Tyle 2 Signal Pole c/w base	Each	2		
34.15	1.9.9S	Tyle L AWF Pole c/w base	Each	2		
34.16	1.9.9S	Pre-Emption Equipment	Lump sum	1		
34.17	1.9.9S	New Service Equipment 100A - 120/240V - Service No. 1	Lump sum	1		
34.18	1.9.9S	Coordinate with and Assist MoTT with Installation and Testing of MoTT Supplied Traffic Controller	Lump sum	1		
34.19	1.9.9S	Coordinate Commissioning with MoTT	Lump sum	1		
34.20	1.9.9S	Coordinate DMS Board removal with MoTT	Lump sum	1		
34.21	1.9.9S	Signage	Lump Sum	1		