

APPENDIX 1
District of Summerland

Canyon View Road Watermain Replacement - **Addendum #04**

2021-12-15

SCHEDULE OF QUANTITIES AND UNIT PRICES

(See paragraph 5.3.1 of the Instructions to Tender - Part II)

(All prices and Quotations including the contract Price shall include all Taxes, except GST. GST shall be shown separately)

Division	Title	Amount
01	General Requirements	
31	Earthworks	
32	Roads and Site Improvements	
33	Utilities	
	Subtotal	
	GST	
	Total	

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Item #	Payment Para	Section	Item Description	Unit	Quantity	Unit Price-\$	Amount -\$
	Division 01 - General Requirements						
01.01	01 53 01	SSpec	Mobilization / De-Mobilization (Shall not exceed \$15,000)	LS	1		
01.02	01 33 01	SSpec	Survey Layout and Drawings of Record Survey	LS	1		
01.03	01 55 00	SSpec	a) Traffic / Pedestrian Control Plan	LS	1		
			b)Construction Zones - Traffic/Pedestrian/Access Management	LS	1		
						Sub-Total Division 01	
	Division 31 - Earthworks						
31.01	31 11 01	1.1.1,2	Clearing and Grubbing, including Topsoil stripping and replacement.	LS	1		
31.02	31 23 01	SSpec	Unsuitable trench - remove and disposal off-site, replace with 75mm minus - as directed by CA	cu.m	300		
31.03	31 23 01	SSpec	Unsuitable road Subgrade - remove and disposal off-site, replace with 75mm minus - as directed by CA	cu.m	500		
31.04	31 24 13	SSpec	Common Excavation to Subgrade - removal and disposal off site	cu.m	3,500		
31.05	31 24 13	SSpec	Common Excavation to Embankment Fill, Compacted to 95% MPD	cu.m	250		
31.06	31 24 13	1.8.9	Subgrade Preparation	sq.m	8,700		
						Sub-Total Division 31	

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Item #	Payment Para	Section	Item Description	Unit	Quantity	Unit Price-\$	Amount -\$
	Division 32 - Roads and Site Improvements						
32.01	32 01 12S	SSpec	Sitework, Demolition, Relocation, Removal:				
			a) Asphalt Milling - Removal, haul and stockpiling at DoS Yard - All Depths c/w Saw Cuts as required	sq.m	6,300		
			b) Asphalt Milling - Removal and stockpiling on site for re-use - All Depths c/w Saw Cuts as required	sq.m	1,200		
			c) Adjust existing CB to new grade	ea	1		
			d) Removal, disposal, or relocation of all other site features	LS	1		
32.02	32 11 16.1	1.4.3	Granular Sub-Base, 300mm thickness - 75mm minus SGSB - haul, place, compact	sq.m	7,500		
32.03	32 11 23	1.4.2	Granular Base, 100mm thickness - 19mm minus Crush (Road) - haul, place, compact	sq.m	7,500		
32.04	32 01 16.7	1.5.3	Placement of Asphalt Milling from stockpile - place, compact	sq.m	1,200		
32.05	32 11 23	1.4.2	Misc. Gravel - 100mm thk. 19mm minus - haul, place, compact -driveways, pathways etc - as directed	sq.m	150		
32.06	32 11 23	1.4.3	Gravel Shoulder (500mm wide) - 100mm thk. 19mm minus - haul,place, compact	lin.m	1,800		
32.07	32 12 16	SSpec	Asphalt Pavement, 50mm thickness - MMCD Upper Course #1	sq.m	7,000		
32.08	32 12 16	SSpec	Misc Asphalt, 50mm thick c/w 100mm base gravel MMCD Upper Course #2, Driveways, paths etc, As directed	sq.m	100		
				Sub-Total Division 32			

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			Division 33 - Utilities				
			WATER WORKS:				
33.01	33 11 01	1.8.1	Watermain - all depths, c/w tracer wire				
			a) 350mm DR 11 HDPE	lin.m	180		
			b) 300mm DR 11 HDPE	lin.m	740		
			c) 200 DR 11 HDPE	lin.m	200		
			d) 300mm DR 18 PVC	lin.m	8		
			e) 200mm DR 18 PVC	lin.m	25		
			f) 150mm DR 18 PVC	lin.m	5		
			g) 150mm DR 18 PVC - Hydrant Lead	lin.m	35		
33.02	33 11 01	SSpec	Fire Hydrants as per DoS Dwg. 304				
			a) Fire Hydrant complete installation as per W4, Tee paid separately	ea	2		
			b) Relocate existing fire hydrant and connect to new main - c/w valve, lead, restraint, T.B. etc. and plug existing lead.	ea	2		
33.03	33 11 01	1.8.3	Gate valves complete as per Dos Dwg. 305				
			a) 150mm FxH	ea	1		
			b) 200mm FxH	ea	3		
			c) 150mm FxF	ea	1		
			d) 250mm FxF	ea	2		
			e) 300mm FxF	ea	1		
			f) 300mm FxH	ea	1		
33.04	33 11 01	1.8.3	Watermain Bends c/w T.B.				
			a) 300mm dia. 45° BF HDPE bends	ea	4		
			b) 200mm dia. 45° BF HDPE Bend	ea	2		
			c) 200mm dia. 45° HxH DI Bend c/w TB	ea	2		

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Item #	Payment Para	Section	Item Description	Unit	Quantity	Unit Price-\$	Amount -\$
33.05	33 11 01	1.8.3	Tees				
			a) 350x350x150 BF HDPE c/w TB	ea	1		
			b) 300x300x150 BF HDPE c/w TB	ea	1		
			b) 200x200x150 FxFxF DI	ea	1		
			c) 150x300x250 FxFxF DI	ea	1		
			d) 250x300x150 FxFxF DI	ea	1		
			e) 300x200x300 FxFxF DI c/w TB	ea	1		
33.06	33 11 01	1.8.3	Reducers				
			a) 350x300 FxF DI	ea	1		
			b) 250x300 FxF DI	ea	3		
			c) 200x150 FxF DI	ea	1		
			d) 300x350 BF HDPE	ea	1		
33.07	33 11 01	1.8.3	Plug abandoned AC with Gout all sizes	ea	6		
33.09	33 11 01	1.8.3	Blind Flange				
			a) 200mm dia. Threaded c/w 50mm blow off	ea	1		
			b) 250mm dia. Threaded c/w 50mm blow off	ea	1		
33.10	33 11 01	1.8.3	Coupler - Hymax or Robar c/w Denso tape, primer and paste				
			a) 300mm dia.	ea	1		
			b) 200mm dia.	ea	2		
			c) 150mm dia.	ea	1		

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Item #	Payment Para	Section	Item Description	Unit	Quantity	Unit Price-\$	Amount -\$
33.11	33 11 01	1.8.4	Service Connections - complete as per DoS Dwg. 301, CU or equivalent ID PE				
			a) 19mm , c/w Ford meter coil pit	ea	7		
			b) 38mm	ea	8		
33.12	33 11 01	1.8.6	Combination 50mm Air Valve ARI D-090, complete as per Dos Dwg. 303	ea	3		
33.13	33 11 01		HDPE Flange Adapter c/w backing ring				
			a) 350mm	ea	1		
			b) 300mm	ea	5		
			c) 200mm	ea	1		
			d) 150mm	ea	2		
33.14	33 11 01	1.8.3	DI Flanged Cross - 250x250x200x150	ea	1		
33.15	33 11 01	SSpec	Tie-ins to existing, All legs- Excludes Fittings				
			a) Simpson & Canyon	LS	1		
			b) Sherk	LS	1		
			c) Mountain Sth - Golf Course	LS	1		
33.16		SSpec	Temporary Tie-in While Services Move to New Main	LS	1		
33.17		SSpec	Remove and dispose of existing AC watermain - all sizes c/w plugging abandoned ends with grout	lin.m	20		
33.18		SSpec	Locate Existing Watermains/Services- As directed by Engineer	PS	1	\$ 5,000.00	\$ 5,000.00
33.19	33 11 01	1.8.6	50mm Blow Off, complete as per DoS Dwg. 302	ea	2		
33.20		SSpec	Rigid Insulation, as directed by CA	sq.m	50		
33.21	33 11 01	SSpec	Remove Existing Sprayer (Sherk St), c/w removal & cap	LS	1		
						Sub-Total Division 33	