TAYLOR RUN INFRASTRUCTURE STABILIZATION						AECOM
60% OPINION OF PROBABLE CONSTRUCTION COSTS						Oct-26
CITY OF ALEXANDRIA						BY: S BERNHEISEL
#	TECH SPEC #	ITEM/DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL
		General Conditions				
1.1	ITEM 1050	Maintenace of Traffic	1	LS	$4,800.00	$4,800.00
		Construction Surveying				
2.1	ITEM 1030	Construction Stakeout	1	LS	$31,000.00	$31,000.00
		Erosion/Sediment Control				
3.1	ITEM 3010	Stabilzed Construction Entrance	2	EA	$4,098.00	$8,196.00
3.2	ITEM 3020	Temporary Access Road	1213	LF	$44.00	$53,372.00
3.3	ITEM 3030	Temporary Access Bridge	2	EA	$5,175.00	$10,350.00
3.4	ITEM 3040	Contingent Silt Fence	NA	LF	$6.00	$0.00
3.5	ITEM 3050	Super Silt Fence	676	LF	$16.00	$10,816.00
3.6	ITEM 1080	High Visibility Safety Fence	2152	LF	$4.00	$8,608.00
3.7	ITEM 7020	Temporary Seeding and Mulching	983	SY	$1.00	$983.44
3.8	ITEM 3090	Tree Protection Fence	365	LF	$12.00	$4,380.00
3.9	ITEM 3080	Tree Protection Planking	8	EA	$390.00	$3,120.00
3.10	ITEM 3100	Contingent Root Pruning	NA	LF	$8.00	$0.00
3.11	ITEM 3070	Maintenance of Stream Flow	1	LS	$38,800.00	$38,800.00
		Access Road & Staging				
4.1	ITEM 2020	Stockpile/Staging Areas	713	SY	$8.00	$5,704.00
		Clearing and Demolition				
5.1	ITEM 1040	Clearing & Grubbing, Including Trees up to 12" Diameter	0.3	AC	$6,800.00	$2,040.00
5.2	ITEM 1040	Tree Removal (13" to 24" diameter)	20	EA	$650.00	$13,000.00
5.3	ITEM 1040	Tree Removal (25" to 54" diameter)	0	EA	$3,000.00	$0.00
5.4	ITEM 1070	Demolition of Existing Structures	1	LS	$25,000.00	$25,000.00
		Earthwork				
6.1	ITEM 2010	Stream Channel Excavation - Class 5	106	CY	$30.00	$3,194.10
6.2	ITEM 2020	Load and Haul Off-site	53	CY	$46.00	$2,448.81
		Project Area 1: Upstream Stormwater Outfall				
7.1	ITEM 9050	Class II Riprap for Outfall Protection	52	TON	$150.00	$7,800.00
7.2	ITEM 9070	Geotextile - Non-Woven for In-Stream Structures	41	SY	$3.75	$152.50
7.30	ITEM 4050	Manufactured Stone Veneer for Concrete Endwalls	1	LS	$2,700.00	$2,700.00
					Project Area 1 Subtotal:	$10,652.50
		Project Area 2: Sanitary Sewer Crossing 1 and Stormwater Outfall				
8.1	ITEM 4040	Armored Utility Crossing	22	LF	$97.00	$2,134.00
8.2	ITEM 4030	Concrete Endwall, 36" Pipe	1	EA	$2,113.00	$2,113.00
8.3	ITEM 9040	Class II Riprap for Armored Utility Crossings	97	TON	$150.00	$14,544.00
8.4	ITEM 9010	Imbricated Rock for Rock Cascade	270	TON	$215.00	$58,050.00
8.5	ITEM 7010	Soil Stabilization Matting	68	SY	$6.00	$410.67
8.6	ITEM 4050	Manufactured Stone Veneer for Concrete Endwalls	1	LS	$2,700.00	$2,700.00
8.7	ITEM 9070	Geotextile - Non-Woven for In-Stream Structures	76	SY	$3.75	$284.17
					Project Area 2 Subtotal:	$80,235.83
		Project Area 3: Exposed Sanitary Sewer Manhole				
9.1	ITEM 9060	Grouted Class III Riprap for Manhole Protection	30	TON	$180.00	$5,400.00
9.2	ITEM 9070	Geotextile - Non-Woven for In-Stream Structures	34	SY	$3.75	$127.08
9.3	ITEM 7010	Soil Stabilization Matting	57	SY	$6.00	$344.00
					Project Area 3 Subtotal:	$5,871.08
		Project Area 4: Sanitary Sewer Crossing 2 and Retaining Wall				
10.1	ITEM 7010	Soil Stabilization Matting	25	SY	$6.00	$152.67
10.2	ITEM 9040	Class II Riprap for Armored Utility Crossings	26	TON	$150.00	$3,906.00
10.3	ITEM 9010	Imbricated Rock for Rock Cascade	144	TON	$215.00	$30,960.00
10.4	ITEM 4040	Armored Utility Crossing	22	LF	$97.00	$2,134.00
10.5	ITEM 9070	Geotextile - Non-Woven for In-Stream Structures	22	SY	$3.75	$81.25
10.6	ITEM 4060	Deadman Anchor	12	EA	$5,000.00	$60,000.00

10.7	**ITEM 4070**	Flap Gates for Pipe Culverts	1	EA	$600.00	$600.00
					Project Area 4 Subtotal	$97,833.92
		Planting and Seeding				
11.1	**ITEM 7060**	Permanent Seeding	1,696	SY	$14.00	$23,750.22
11.2	**ITEM 7080**	Tree Planting #7 Container	39	EA	$140.00	$5,460.00
11.3	**ITEM 7080**	Shrub Planting #2 Container	186	EA	$50.00	$9,300.00
11.4	**ITEM 7090**	Deer Protection Guard (Single Stem Trees)	39	EA	$20.00	$780.00
11.5	**ITEM 7090**	Deer Protection Guard (Multi-Stem Trees and Shrubs)	186	EA	$47.00	$8,742.00
					Construction Subtotal	$468,437.91
					Construction Escalation Factor (4.3%)	$26,857.11
					Construction Subtotal w/ Escalation Factor	$495,295.02
					Mobilzation/Demobilziation (5%)	$53,421.90
					Construction Contingency (20%)	$99,059.00
					Construction Total	**$647,775.92**

Notes :

(1)		Assumes a construction start date of October 2026, midpoint of construction February 2027. The annual inflation rate is 4.4% for the 12 months ending in September 2025, according to data published by the U.S Department of Labor. This 4.4% is applied to the construction subtotal until the midpoint of construction.
(2)		Mobilization/Demobilization is assumed to include the transport, staging, delivery, assembly and set-up of all equipment, tools, storage facilities,
(3)		The "Construction Contingency" is to account for unforeseen and unknown items that may be encountered during the construction of the project