

**PROJECT NAME: CANYON LAKE POND WALLS RECONSTRUCTION, PHASE 1**

**PROJECT NUMBER: PROJECT NO. PR20-6176**

**LET DATE: OCTOBER 11, 2022**

**LOW BID AMOUNT: \$995,234.00**

ITEM NO.	DESCRIPTION OF ITEM	UNIT	QTY (EST)	ENGINEER'S ESTIMATE		Moss Rock Inc.		Heavy Constructors, Inc.		SECO Construction, Inc.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
A1	GENERAL REQUIREMENTS	LS	1	\$30,000.00	\$30,000.00	\$40,000.00	\$40,000.00	\$92,530.69	\$92,530.69	\$88,000.00	\$88,000.00
A2	TEMPORARY FACILITIES AND CONTROL	LS	1	\$6,000.00	\$6,000.00	\$10,000.00	\$10,000.00	\$13,505.46	\$13,505.46	\$15,500.00	\$15,500.00
A3	CONSTRUCTION STAKING AND CONTROL	LS	1	\$8,000.00	\$8,000.00	\$12,000.00	\$12,000.00	\$13,806.06	\$13,806.06	\$12,740.00	\$12,740.00
A4	STORM WATER POLLUTION AND PREVENTION PLAN	LS	1	\$4,000.00	\$4,000.00	\$3,000.00	\$3,000.00	\$4,361.07	\$4,361.07	\$500.00	\$500.00
B1	TEMPORARY PERIMETER CONSTRUCTION FENCING	LF	2500	\$3.60	\$9,000.00	\$8.00	\$20,000.00	\$8.70	\$21,750.00	\$3.60	\$9,000.00
B2	TEMPORARY TREE PROTECTION FENCING	EA	32	\$80.00	\$2,560.00	\$150.00	\$4,800.00	\$119.27	\$3,816.64	\$220.00	\$7,040.00
B3	SEDIMENT CONTROL WATTLE	LF	720	\$6.00	\$4,320.00	\$4.00	\$2,880.00	\$14.76	\$10,627.20	\$4.40	\$3,168.00
B4	SAWCUT PAVEMENT	LF	180	\$5.00	\$900.00	\$3.00	\$540.00	\$7.62	\$1,371.60	\$3.30	\$594.00
B5	REMOVE ASPHALT PAVEMENT	SF	3150	\$1.00	\$3,150.00	\$4.00	\$12,600.00	\$1.12	\$3,528.00	\$4.40	\$13,860.00
B6	REMOVE CONCRETE PAVEMENT	SF	2680	\$1.50	\$4,020.00	\$4.00	\$10,720.00	\$2.40	\$6,432.00	\$4.40	\$11,792.00
B7	REMOVE POND PERIMETER STONE WALL	LF	1900	\$8.00	\$15,200.00	\$30.00	\$57,000.00	\$10.42	\$19,798.00	\$33.00	\$62,700.00
B8	REMOVE LARGE TREE STUMP (16"-24")	EA	5	\$160.00	\$800.00	\$300.00	\$1,500.00	\$922.40	\$4,612.00	\$330.00	\$1,650.00
B9	RELOCATE TREES (4"-8" CAL.)	EA	5	\$240.00	\$1,200.00	\$1,500.00	\$7,500.00	\$922.40	\$4,612.00	\$1,650.00	\$8,250.00
B10	OTHER INCIDENTAL SITE PREPARATION AND DEMOLITION WORK	LS	1	\$2,850.00	\$2,850.00	\$2,000.00	\$2,000.00	\$27,970.62	\$27,970.62	\$4,400.00	\$4,400.00
C1	TOPSOIL SALVAGE	CSF	760	\$12.00	\$9,120.00	\$20.00	\$15,200.00	\$4.33	\$3,290.80	\$22.00	\$16,720.00
C2	EXISTING POND MUCK EXCAVATION AND REMOVAL	CY	240	\$24.00	\$5,760.00	\$40.00	\$9,600.00	\$39.51	\$9,482.40	\$44.00	\$10,560.00
C3	NEW POND AREA EXCAVATION	CY	1400	\$16.00	\$22,400.00	\$4.00	\$5,600.00	\$6.22	\$8,708.00	\$4.50	\$6,300.00
C4	OLD POND AREA FILL AND COMPACTION	CY	1400	\$12.00	\$16,800.00	\$12.00	\$16,800.00	\$8.87	\$12,418.00	\$13.20	\$18,480.00

C5	DETENTION POND AREA EXCAVATION	CY	440	\$16.00	\$7,040.00	\$10.00	\$4,400.00	\$4.95	\$2,178.00	\$22.00	\$9,680.00
C6	EAST PARK AREA FILL AND COMPACTION	CY	440	\$12.00	\$5,280.00	\$12.00	\$5,280.00	\$9.41	\$4,140.40	\$13.20	\$5,808.00
C7	SPREADING OF ONSITE TOPSOIL	CSF	760	\$8.00	\$6,080.00	\$20.00	\$15,200.00	\$10.69	\$8,124.40	\$22.00	\$16,720.00
C8	POND BOTTOM IMPERVIOUS LAYER	CSF	196	\$40.00	\$7,840.00	\$160.00	\$31,360.00	\$175.84	\$34,464.64	\$187.00	\$36,652.00
C9	PERIMETER SHORELINE RIP-RAP	CSF	62	\$240.00	\$14,880.00	\$300.00	\$18,600.00	\$627.38	\$38,897.56	\$330.00	\$20,460.00
C10	STORM DETENTION MODULAR CONCRETE BLOCK WALL	LF	270	\$60.00	\$16,200.00	\$114.00	\$30,780.00	\$58.16	\$15,703.20	\$125.00	\$33,750.00
D1	AQUEDUCT INFLOW MANHOLE (PCS#02)	EA	1	\$6,400.00	\$6,400.00	\$6,000.00	\$6,000.00	\$4,524.11	\$4,524.11	\$6,600.00	\$6,600.00
D2	POND INFLOW PIPE (PCS#03)	EA	1	\$1,200.00	\$1,200.00	\$3,000.00	\$3,000.00	\$2,944.34	\$2,944.34	\$3,300.00	\$3,300.00
D3	POND OUTFLOW MANHOLE (PCS#04)	EA	1	\$7,200.00	\$7,200.00	\$8,000.00	\$8,000.00	\$6,906.37	\$6,906.37	\$8,800.00	\$8,800.00
D4	AQUEDUCT OUTFLOW MANHOLE (PCS#05)	EA	1	\$6,400.00	\$6,400.00	\$8,000.00	\$8,000.00	\$5,878.27	\$5,878.27	\$8,800.00	\$8,800.00
D5	POND / CHANNEL OUTFLOW STRUCTURE (PCS#06)	EA	1	\$5,600.00	\$5,600.00	\$12,000.00	\$12,000.00	\$4,028.94	\$4,028.94	\$7,500.00	\$7,500.00
D6	PARKING DRAINAGE CURB INLET (PCS#07)	EA	1	\$4,800.00	\$4,800.00	\$12,000.00	\$12,000.00	\$4,013.48	\$4,013.48	\$7,150.00	\$7,150.00
D7	PARKING DRAINAGE PIPE OUTLET (PCS#08)	EA	1	\$2,000.00	\$2,000.00	\$12,000.00	\$12,000.00	\$3,858.01	\$3,858.01	\$6,600.00	\$6,600.00
D8	DETENTION OVERFLOW INLET (PCS#09)	EA	1	\$2,400.00	\$2,400.00	\$6,000.00	\$6,000.00	\$4,239.72	\$4,239.72	\$6,600.00	\$6,600.00
D9	24" RCP	LF	184	\$100.00	\$18,400.00	\$162.00	\$29,808.00	\$110.79	\$20,385.36	\$178.00	\$32,752.00
D10	15" RCP	LF	298	\$75.00	\$22,350.00	\$100.00	\$29,800.00	\$73.82	\$21,998.36	\$110.00	\$32,780.00
D11	12" RCP	LF	80	\$60.00	\$4,800.00	\$90.00	\$7,200.00	\$66.91	\$5,352.80	\$100.00	\$8,000.00
D12	8" PVC	LF	33	\$40.00	\$1,320.00	\$80.00	\$2,640.00	\$75.69	\$2,497.77	\$88.00	\$2,904.00
D13	INCIDENTAL CONVEYANCE SYSTEM WORK	LS	1	\$3,130.00	\$3,130.00	\$9,000.00	\$9,000.00	\$4,361.06	\$4,361.06	\$10,000.00	\$10,000.00
E1	PEDESTRIAN BRIDGE	LS	1	\$36,000.00	\$36,000.00	\$65,000.00	\$65,000.00	\$91,531.85	\$91,531.85	\$60,000.00	\$60,000.00
E2	PERIMETER CONCRETE POND WALL	LF	1020	\$176.00	\$179,520.00	\$210.00	\$214,200.00	\$217.31	\$221,656.20	\$253.00	\$258,060.00
E3	WATERFRONT SEATING WALLS	LF	80	\$100.00	\$8,000.00	\$200.00	\$16,000.00	\$255.78	\$20,462.40	\$110.00	\$8,800.00
E4	WATERFRONT PIER - REINFORCED CONCRETE PAVEMENT	SF	1950	\$14.00	\$27,300.00	\$15.00	\$29,250.00	\$21.89	\$42,685.50	\$14.00	\$27,300.00
E5	WATERFRONT PRECAST BOLLARDS	EA	16	\$600.00	\$9,600.00	\$800.00	\$12,800.00	\$671.35	\$10,741.60	\$1,200.00	\$19,200.00
E6	WALKWAYS - CONCRETE PAVEMENT	SF	6033	\$10.00	\$60,330.00	\$7.00	\$42,231.00	\$11.41	\$68,836.53	\$9.45	\$57,011.85

E7	BRIDGE DECK - CONCRETE UNIT PAVERS	SF	320	\$20.00	\$6,400.00	\$70.00	\$22,400.00	\$55.34	\$17,708.80	\$50.00	\$16,000.00
E8	LANDSCAPE CONCRETE CURB	LF	64	\$20.00	\$1,280.00	\$60.00	\$3,840.00	\$85.36	\$5,463.04	\$23.45	\$1,500.80
E9	PARKING AREA - CONCRETE CURB AND GUTTER	LF	136	\$48.00	\$6,528.00	\$150.00	\$20,400.00	\$57.30	\$7,792.80	\$55.00	\$7,480.00
E10	PARKING AREA - ASPHALT PAVEMENT	SF	1115	\$4.00	\$4,460.00	\$11.00	\$12,265.00	\$10.01	\$11,161.15	\$13.00	\$14,495.00
E11	POND WALL COLOR STAIN	LS	1	\$4,000.00	\$4,000.00	\$22,000.00	\$22,000.00	\$21,424.27	\$21,424.27	\$25,500.00	\$25,500.00
E12	CONCRETE INCIDENTAL WORK	LS	1	\$2,582.00	\$2,582.00	\$28,000.00	\$28,000.00	\$52,242.73	\$52,242.73	\$31,000.00	\$31,000.00
F1	REMOVE EXISTING IRRIGATION EQUIPMENT	LS	1	\$800.00	\$800.00	\$4,000.00	\$4,000.00	\$1,844.80	\$1,844.80	\$4,400.00	\$4,400.00
F2	INSTALL IRRIGATION CONTROLLER	EA	1	\$2,800.00	\$2,800.00	\$4,000.00	\$4,000.00	\$1,500.00	\$1,500.00	\$4,400.00	\$4,400.00
F3	IRRIGATION DECODER WIRE	LF	1600	\$2.00	\$3,200.00	\$2.00	\$3,200.00	\$4.50	\$7,200.00	\$2.20	\$3,520.00
F4	ISOLATION VALVE ASSEMBLY (2-1/2" DIA.)	EA	3	\$280.00	\$840.00	\$350.00	\$1,050.00	\$600.00	\$1,800.00	\$385.00	\$1,155.00
F5	QUICK COUPLER VALVE ASSEMBLY	EA	3	\$240.00	\$720.00	\$300.00	\$900.00	\$600.00	\$1,800.00	\$330.00	\$990.00
F6	ELECTRIC CONTROL VALVE ASSEMBLY (1-1/2" DIA.)	EA	11	\$360.00	\$3,960.00	\$300.00	\$3,300.00	\$800.00	\$8,800.00	\$330.00	\$3,630.00
F7	LARGE TURF ROTOR SPRINKLER	EA	33	\$120.00	\$3,960.00	\$200.00	\$6,600.00	\$300.00	\$9,900.00	\$220.00	\$7,260.00
F8	MEDIUM TURF ROTOR SPRINKLER	EA	43	\$80.00	\$3,440.00	\$100.00	\$4,300.00	\$75.00	\$3,225.00	\$110.00	\$4,730.00
F9	SMALL TURF SPRAY SPRINKLER	EA	28	\$70.00	\$1,960.00	\$100.00	\$2,800.00	\$75.00	\$2,100.00	\$110.00	\$3,080.00
F10	SMALL SPRAY / BUBBLER SPRINKLER	EA	23	\$60.00	\$1,380.00	\$50.00	\$1,150.00	\$40.00	\$920.00	\$55.00	\$1,265.00
F11	PIPE AND WIRE SLEEVE (3"-6" PVC)	LF	100	\$20.00	\$2,000.00	\$20.00	\$2,000.00	\$30.00	\$3,000.00	\$22.00	\$2,200.00
F12	2-1/2" IRRIGATION MAINLINE PIPE	LF	760	\$16.00	\$12,160.00	\$8.00	\$6,080.00	\$10.50	\$7,980.00	\$9.00	\$6,840.00
F13	1-1/2" OR 2" PVC IRRIGATION LATERAL PIPE	LF	960	\$10.00	\$9,600.00	\$7.00	\$6,720.00	\$6.00	\$5,760.00	\$8.00	\$7,680.00
F14	3/4" OR 1" PVC IRRIGATION LATERAL PIPE	LF	2800	\$6.00	\$16,800.00	\$6.00	\$16,800.00	\$2.85	\$7,980.00	\$6.75	\$18,900.00
F15	IRRIGATION LAYOUT AND STAKING	LS	1	\$880.00	\$880.00	\$2,000.00	\$2,000.00	\$1,500.00	\$1,500.00	\$2,200.00	\$2,200.00
F16	IRRIGATION SYSTEM TESTING AND ADJUSTMENTS	LS	1	\$1,500.00	\$1,500.00	\$2,000.00	\$2,000.00	\$1,500.00	\$1,500.00	\$2,200.00	\$2,200.00
G1	DECIDUOUS TREE (2"-2-1/2" CAL.-B&B)	EA	8	\$560.00	\$4,480.00	\$1,200.00	\$9,600.00	\$870.00	\$6,960.00	\$1,320.00	\$10,560.00
G2	ORNAMENTAL TREE (1-1/2"-2" CAL.-B&B)	EA	9	\$480.00	\$4,320.00	\$1,000.00	\$9,000.00	\$870.00	\$7,830.00	\$1,100.00	\$9,900.00
G3	LANDSCAPE ISLAND	LS	1	\$3,200.00	\$3,200.00	\$6,000.00	\$6,000.00	\$4,200.00	\$4,200.00	\$6,600.00	\$6,600.00

G4	TURF AREA SODDING	CSF	76	\$100.00	\$7,600.00	\$100.00	\$7,600.00	\$120.00	\$9,120.00	\$110.00	\$8,360.00
G5	IRRIGATED AREA SEEDING	CSF	708	\$40.00	\$28,320.00	\$30.00	\$21,240.00	\$36.00	\$25,488.00	\$33.00	\$23,364.00
G6	DETENTION POND SEEDING	CSF	30	\$60.00	\$1,800.00	\$60.00	\$1,800.00	\$36.00	\$1,080.00	\$66.00	\$1,980.00
G7	SHORELINE TURF REINFORCEMENT MAT	CSF	74	\$80.00	\$5,920.00	\$100.00	\$7,400.00	\$180.00	\$13,320.00	\$110.00	\$8,140.00
G8	RIVER ROCK	SF	60	\$6.00	\$360.00	\$20.00	\$1,200.00	\$4.00	\$240.00	\$22.00	\$1,320.00
G9	INCIDENTAL LANDSCAPE WORK	LS	1	\$2,600.00	\$2,600.00	\$1,000.00	\$1,000.00	\$4,382.00	\$4,382.00	\$1,100.00	\$1,100.00
<b>TOTAL</b>					\$760,000.00		\$1,102,934.00		\$1,168,254.00		\$1,228,231.65

ITEM NO.	DESCRIPTION OF BID ALTERNATES	UNIT	QTY (EST)	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
1	DEDUCT ALTERNATE NO. 1 OMIT STORM DETENTION POND	LS	1	(\$20,000.00)	(\$20,000.00)	(\$32,000.00)	(\$32,000.00)	(\$17,163.25)	(\$17,163.25)	(\$32,000.00)	(\$32,000.00)
2	DEDUCT ALTERNATE NO. 2 OMIT IRRIGATION SYSTEM	LS	1	(\$64,000.00)	(\$64,000.00)	(\$53,700.00)	(\$53,700.00)	(\$29,600.00)	(\$29,600.00)	(\$53,700.00)	(\$53,700.00)
3	DEDUCT ALTERNATE NO. 3 OMIT POND WALL CONCRETE STAIN	LS	1	(\$4,000.00)	(\$4,000.00)	(\$22,000.00)	(\$22,000.00)	(\$21,424.27)	(\$21,424.27)	(\$25,000.00)	(\$25,000.00)
<b>TOTAL plus DEDUCT ALTERNATES 1-3</b>					\$672,000.00		\$995,234.00		\$1,100,066.48		\$1,117,531.65

Reviewed by:

*Melissa Petersen*

Melissa Petersen, Landscape Designer

10/13/22

Date