

Castle Rock Reservoir No. 2 - Construction Bid Schedule (Revised March 8, 2023)

1. Base Bid Items 1-43						
Item No.	Classification	Description	Quantity	Unit	Unit Price	Total
1	General	Mobilization / Demobilization / General Conditions	1	LS	\$ 1,166,000.00	\$ 1,166,000.00
2	General	Erosion and Sediment Control	1	LS	\$ 263,850.00	\$ 263,850.00
3	General	Excavation Dewatering	1	LS	\$ 152,650.00	\$ 152,650.00
4	General	Site Clearing	63	AC	\$ 3,025.00	\$ 190,575.00
5	General	Strip and Stockpile Topsoil	50,563	CY	\$ 1.98	\$ 100,114.74
6	General	Demolition and Site Preparation	1	LS	\$ 426,330.00	\$ 426,330.00
7	General	Reclamation and Cleanup	1	LS	\$ 359,685.00	\$ 359,685.00
8	Civil	Foundation Preparation	1	LS	\$ 308,270.00	\$ 308,270.00
9	Civil	Borrow and Place Phase 1 Embankment Fill	269,700	CY	\$ 2.91	\$ 784,827.00
10	Civil	Borrow and Place Phase 2 Embankment Fill	362,500	CY	\$ 2.12	\$ 768,500.00
11	Civil	Unclassified Excavation	3,414	CY	\$ 15.94	\$ 54,419.16
12	Civil	Braced Excavation	1	LS	\$ 9,000.00	\$ 9,000.00
13	Civil	Furnish and Place 6-inch D50 Soil Filled Riprap	723	CY	\$ 109.80	\$ 79,385.40
14	Civil	Furnish and Place 12-inch D50 Riprap	6,320	CY	\$ 83.45	\$ 527,404.00
15	Civil	Furnish and Place 18-inch D50 Riprap	569	CY	\$ 63.60	\$ 36,188.40
16	Civil	Furnish and Place Riprap Bedding	2,459	CY	\$ 86.65	\$ 213,072.35
17	Civil	Furnish and Place Aggregate Base Course	2,734	CY	\$ 49.00	\$ 133,966.00
18	Civil	Furnish and Place Filter Sand	6,608	CY	\$ 88.20	\$ 582,825.60
19	Civil	Furnish and Place Drain Gravel	821	CY	\$ 148.30	\$ 121,754.30
20	Civil	Furnish and Install Dual Wall Perforated ADS Pipe	6,331	LF	\$ 34.55	\$ 218,736.05
21	Civil	Furnish and Install PVC Discharge Pipe	1,066	LF	\$ 120.15	\$ 128,079.90
22	Civil	Furnish and Place Flow Fill	1,399	CY	\$ 159.15	\$ 222,650.85
23	Civil	Furnish and Install Phase I Geomembrane Liner System	1,184,091	SF	\$ 1.55	\$ 1,835,341.05
24	Civil	Furnish and Install Phase II Geomembrane Liner System	206,113	SF	\$ 5.45	\$ 1,123,315.85
25	Civil	Furnish and Install Gate Houses	2	EA	\$ 132,410.00	\$ 264,820.00
26	Concrete & Steel	Furnish and Place Backfill Concrete	95	CY	\$ 150.00	\$ 14,250.00
27	Concrete & Steel	Furnish and Place Fill and Discharge Vault Structural Concrete	333	CY	\$ 2,122.60	\$ 706,825.80
28	Concrete & Steel	Furnish and Place Fill and Discharge Structures Structural Concrete	203	CY	\$ 1,125.95	\$ 228,567.85
29	Concrete & Steel	Furnish and Place Reservoir Sump, Stilling Basin, and Miscellaneous Structural Concrete	62	CY	\$ 1,132.05	\$ 70,187.10
30	Concrete & Steel	Furnish and Place Pipe Encasement Structural Concrete	1,003	CY	\$ 925.70	\$ 928,477.10
31	Concrete & Steel	Furnish and Place Spillway Tower Structural Concrete	228	CY	\$ 1,381.90	\$ 315,073.20
32	Concrete & Steel	Furnish and Place Reinforced Concrete Anchor Curb	307	CY	\$ 1,061.65	\$ 325,926.55
33	Concrete & Steel	Furnish and Place Reinforced Concrete Measurement Vault	9	CY	\$ 1,632.35	\$ 14,691.15
34	Concrete & Steel	Furnish and Install Spillway Tower Access Bridge	1	LS	\$ 114,495.00	\$ 114,495.00
35	Concrete & Steel	Furnish and Install Miscellaneous Metalwork	1	LS	\$ 308,600.00	\$ 308,600.00
36	Mechanical	Furnish and Install 36-inch-diameter Ductile Iron Pipe and Fittings	680	LF	\$ 935.40	\$ 636,072.00
37	Mechanical	Furnish and Install 16-inch-diameter Ductile Iron Pipe and Fittings	2,100	LF	\$ 173.20	\$ 363,720.00
38	Mechanical	Furnish and Install 36-inch-diameter Welded Steel Pipe and Fittings	2,310	LF	\$ 861.95	\$ 1,991,104.50
39	Mechanical	Furnish, Install, and Commission Guard Gates and Control Gate	1	LS	\$ 115,870.00	\$ 115,870.00
40	Mechanical	Furnish, Install, and Commission Fill Vault Valves and Fittings	1	LS	\$ 469,750.00	\$ 469,750.00
41	Electrical	Furnish and Install Conduit Banks	2,450	LF	\$ 448.55	\$ 1,098,947.50
42	Electrical	Furnish, Install, and Commission Electrical Controls System	1	LS	\$ 912,585.00	\$ 912,585.00
43	Instrumentation	Furnish and Install Dam Safety Instrumentation	1	LS	\$ 135,260.00	\$ 135,260.00

Note: 03/08/2023 Revisions indicated in Bold text

TOTAL BASE BID IN WORDS (Items 1-43) Eighteen Million Eight Hundred Twenty-Two Thousand One Hundred Sixty-Three Dollars and Forty Cents

Castle Rock Reservoir No. 1 - Construction Bid Schedule (Revised March 8, 2023)

Item No.	Classification	Description	Quantit	Unit	Unit Price	Total
--	General	Mobilization / Demobilization / General Conditions				Included with CRR2 Bid Schedule
--	General	Erosion and Sediment Control				Included with CRR2 Bid Schedule
44	General	Excavation Dewatering	1	LS	\$ 152,230.00	\$ 152,230.00
45	Civil	Foundation Preparation	1	LS	\$ 319,630.00	\$ 319,630.00
46	Civil	Borrow and Place CRR1 Embankment Fill	20,800	CY	\$ 2.12	\$ 44,096.00
47	Civil	Excavating and Disposing Bedrock	180,907	CY	\$ 5.55	\$1,004,033.85
48	Civil	Unclassified Excavation	6,721	CY	\$ 15.94	\$ 107,132.74
49	Civil	Braced Excavation	1	LS	\$ 9,000.00	\$ 9,000.00
50	Civil	Furnish and Place 6-inch D50 Soil Filled Riprap	780	CY	\$ 58.05	\$ 45,279.00
51	Civil	Furnish and Place 12-inch D50 Riprap	765	CY	\$ 83.45	\$ 63,839.25
52	Civil	Furnish and Place Riprap Bedding	808	CY	\$ 50.25	\$ 40,602.00
53	Civil	Furnish and Place Aggregate Base Course	821	CY	\$ 128.50	\$ 105,498.50
54	Civil	Furnish and Place Filter Sand	3,780	CY	\$ 124.00	\$ 468,720.00
55	Civil	Furnish and Place Drain Gravel	250	CY	\$ 148.45	\$ 37,112.50
56	Civil	Furnish and Install Dual Wall Perforated ADS Pipe	1,500	LF	\$ 31.00	\$ 46,500.00
57	Civil	Furnish and Install PVC Drain Pipe	350	LF	\$ 95.35	\$ 33,372.50
58	Civil	Furnish and Place Flow Fill	2,029	CY	\$ 159.15	\$ 322,915.35
59	Civil	Furnish and Install CRR1 Geomembrane Liner System	946,393	SF	\$ 2.10	\$1,987,425.30
60	Civil	Furnish and Install Gate House	1	EA	\$ 118,250.00	\$ 118,250.00
61	Concrete & Steel	Furnish and Place Fill Structure Structural Concrete	161	CY	\$ 757.85	\$ 122,013.85
62	Concrete & Steel	Furnish and Place Discharge Structure Structural Concrete	246	CY	\$ 1,186.15	\$ 291,792.90
63	Concrete & Steel	Furnish and Place Spillway Control Structure Structural Concrete	92	CY	\$ 919.75	\$ 84,617.00
64	Concrete & Steel	Furnish and Place Reinforced Concrete Anchor Curb	223	CY	\$ 1,070.25	\$ 238,665.75
65	Concrete & Steel	Furnish and Place Reinforced Concrete Drain Measurement Vault	9	CY	\$ 1,632.35	\$ 14,691.15
66	Concrete & Steel	Furnish and Install Miscellaneous Metalwork	1	LS	\$ 38,200.00	\$ 38,200.00
67	Mechanical	Furnish and Install 36-inch-diameter Ductile Iron Pipe and Fittings	680	LF	\$ 572.70	\$ 389,436.00
68	Mechanical	Furnish and Install 36-inch-diameter Welded Steel Pipe and Fittings	310	LF	\$ 1,564.20	\$ 484,902.00
69	Mechanical	Furnish, Install, and Commission Guard Gates	1	LS	\$ 119,970.00	\$ 119,970.00
70	Electrical	Furnish and Install Conduit Banks	1,500	LF	\$ 343.10	\$ 514,650.00
71	Electrical	Furnish, Install, and Commission Electrical Controls System	1	LS	\$ 372,810.00	\$ 372,810.00
72	Instrumentation	Furnish and Install Dam Safety Instrumentation	1	LS	\$ 90,610.00	\$ 90,610.00

Note: 03/08/2023 Revisions indicated in Bold text

TOTAL BASE BID IN WORDS (Items 44-72) Seven Million Six Hundred Sixty-Seven Thousand Nine Hundred Ninety-Five Dollars And Sixty-Four Cents

TOTAL BASE BID IN WORDS Twenty-Six Million Four Hundred Ninety Thousand One Hundred Fifty-Nine Dollars and Four Cents

\$

26,490,159.04
Total Base Bid In Figures