

PROJECT NAME: Thornton Water Project - Source Water Pump Station

PROJECT NUMBER: 12-777XP

7/29/2026

CITY OF THORNTON 9500 CIVIC CENTER DRIVE THORNTON COLORADO 80229				Glacier construction Co., Inc. Centennial, CO		Archer Western Construction, LLC Westminster, CO	
NO.	DESCRIPTION OF WORK	QTY	UNIT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
Source Water Pump Station							
1	Mobilization, Bonds, and Insurance	1	LS	\$2,418,400.00	\$2,418,400.00	\$3,500,000.00	\$3,500,000.00
2	City of Thornton's Field Offices	25	MO	\$11,500.00	\$287,500.00	\$4,600.00	\$115,000.00
3	Sediment/Erosion Control	1	LS	\$123,700.00	\$123,700.00	\$177,500.00	\$177,500.00
4	Sediment/Erosion Control During Warranty	12	MO	\$2,200.00	\$26,400.00	\$11,700.00	\$140,400.00
5	42-inch discharge piping connection to Segment F pipeline	1	LS	\$393,600.00	\$393,600.00	\$68,500.00	\$68,500.00
6	Yard Piping	1	LS	\$280,000.00	\$280,000.00	\$1,396,900.00	\$1,396,900.00
7	Grading, curb, gutter, sidewalk, fencing, gates, aggregate base course road, aggregate base course path, and recycled asphalt road	1	LS	\$516,600.00	\$516,600.00	\$2,385,900.00	\$2,385,900.00
8	Intake Structures, Hydraulic system 54-inch Intake Pipeline	1	LS	\$3,155,000.00	\$3,155,000.00	\$7,505,400.00	\$7,505,400.00
9	Exterior and Buried Electrical Improvements and Duct banks	1	LS	\$846,400.00	\$846,400.00	\$1,237,800.00	\$1,237,800.00
10	Cathodic Protection Anodes, Isolation Kits, Test Stations, and appurtenances	1	LS	\$80,000.00	\$80,000.00	\$141,400.00	\$141,400.00
11	Concrete drilled piers - 24-inch diameter	2530	VF	\$115.00	\$290,950.00	\$190.00	\$480,700.00
12	Concrete drilled piers - 36-inch diameter	945	VF	\$226.00	\$213,570.00	\$347.00	\$327,915.00
13	Wet well excavation and earthwork	1	LS	\$888,000.00	\$888,000.00	\$3,865,000.00	\$3,865,000.00
14	Wet well and foundations dewatering and excavation support and protection	1	LS	\$5,222,000.00	\$5,222,000.00	\$2,530,000.00	\$2,530,000.00
15	Concrete wet well and foundations	1	LS	\$4,598,000.00	\$4,598,000.00	\$3,199,200.00	\$3,199,200.00
16	Walls and Roof	1	LS	\$2,080,600.00	\$2,080,600.00	\$5,829,400.00	\$5,829,400.00
17	Doors, windows, hatches, and ladders	1	LS	\$967,000.00	\$967,000.00	\$109,400.00	\$109,400.00
18	Security and life safety systems	1	LS	\$263,000.00	\$263,000.00	\$223,700.00	\$223,700.00
19	Bridge crane	1	LS	\$288,000.00	\$288,000.00	\$261,200.00	\$261,200.00
20	Pumps and motors	1	LS	\$203,000.00	\$203,000.00	\$79,900.00	\$79,900.00
21	Interior piping, interior valves, and under slab and concrete encased piping	1	LS	\$3,000,000.00	\$3,000,000.00	\$2,437,700.00	\$2,437,700.00
22	HVAC improvements	1	LS	\$947,800.00	\$947,800.00	\$1,083,900.00	\$1,083,900.00
23	Interior and in-slab electrical improvements	1	LS	\$1,629,700.00	\$1,629,700.00	\$1,349,000.00	\$1,349,000.00
24	Instruments	1	LS	\$542,000.00	\$542,000.00	\$464,800.00	\$464,800.00
25	Surge Tanks, Surge Tank Concrete Vault, and Surge Tank Foundations	1	LS	\$7,675,000.00	\$7,675,000.00	\$7,357,200.00	\$7,357,200.00
26	Concrete structure water leakage tests and pipeline testing	1	LS	\$41,000.00	\$41,000.00	\$36,000.00	\$36,000.00
27	Source Water Pump Station startup and commissioning	1	LS	\$132,500.00	\$132,500.00	\$220,100.00	\$220,100.00
28	Thornton Water Project (TWP) startup and commissioning	1	LS	\$1,867,000.00	\$1,867,000.00	\$557,900.00	\$557,900.00
29	Seeding and surface restoration	1	LS	\$22,800.00	\$22,800.00	\$222,500.00	\$222,500.00
30	Contractor quality control - independent testing	1	LS	\$36,000.00	\$36,000.00	\$200,000.00	\$200,000.00
31	Allowance for Haul Route Restoration	50,000	DOL	\$1.00	\$50,000.00	\$1.00	\$50,000.00
32	Incorporating City of Thornton Procured Equipment	1	LS	\$84,000.00	\$84,000.00	\$144,700.00	\$144,700.00
33	Magnesium Chloride Treatment of Source Water Pump Station Access Road	6170	LF	\$14.00	\$86,380.00	\$46.00	\$283,820.00
Subtotal					\$39,255,900.00		\$47,982,835.00

Chemical Building and PRV Vaults:							
101	Mobilization, Bonds, and Insurance	1	LS	\$1,221,600.00	\$1,221,600.00	\$750,000.00	\$750,000.00
102	Traffic Control	1	LS	\$68,000.00	\$68,000.00	\$74,700.00	\$74,700.00
103	City of Thornton's Field Offices	25	MO	\$6,250.00	\$156,250.00	\$4,600.00	\$115,000.00
104	Sediment/Erosion Control	1	LS	\$231,000.00	\$231,000.00	\$206,900.00	\$206,900.00
105	Sediment/Erosion Control During Warranty	12	MO	\$2,200.00	\$26,400.00	\$11,400.00	\$136,800.00
106	All Signal Hill Instrument site civil, piping, electrical, instrumentation, and control improvements	1	LS	\$167,200.00	\$167,200.00	\$426,700.00	\$426,700.00
107	LCC PRV pipes, valves, and appurtenances	1	LS	\$1,301,000.00	\$1,301,000.00	\$1,587,000.00	\$1,587,000.00
108	LCC PRV Vault	1	LS	\$619,000.00	\$619,000.00	\$321,600.00	\$321,600.00
109	LCC PRV Vault and Pipeline Dewatering and Contaminated Groundwater Remediation	1	LS	\$212,800.00	\$212,800.00	\$210,000.00	\$210,000.00
110	LCC PRV Slurry Wall Crossing	1	LS	\$17,000.00	\$17,000.00	\$39,700.00	\$39,700.00
111	LCC PRV grading, paving, recycled asphalt road, and sump pump discharge drain rock area	1	LS	\$37,700.00	\$37,700.00	\$292,600.00	\$292,600.00
112	LCC PRV electrical, instrumentation, and control improvements	1	LS	\$834,600.00	\$834,600.00	\$729,000.00	\$729,000.00
113	Pipe cathodic protection for all areas	1	LS	\$79,900.00	\$79,900.00	\$73,300.00	\$73,300.00
114	Yard Piping for Chemical Building, Segment A PRV and Meter, and WGL Pump Station Chemical Feed	1	LS	\$1,654,000.00	\$1,654,000.00	\$1,742,300.00	\$1,742,300.00
115	Chemical Building and Segment A PRV and meter grading and paving	1	LS	\$247,000.00	\$247,000.00	\$262,600.00	\$262,600.00
116	Chemical Building and Segment A PRV and Meter Exterior Electrical Improvements and Duct banks	1	LS	\$684,000.00	\$684,000.00	\$843,000.00	\$843,000.00
117	Chemical Building drilled concrete piers – 24-inch diameter	900	VF	\$36.00	\$32,400.00	\$215.00	\$193,500.00
118	Chemical Building foundations and stairs	1	LS	\$625,000.00	\$625,000.00	\$274,800.00	\$274,800.00
119	Chemical Building walls and roof	1	LS	\$637,500.00	\$637,500.00	\$922,500.00	\$922,500.00
120	Chemical Building doors and windows	1	LS	\$59,000.00	\$59,000.00	\$59,900.00	\$59,900.00
121	Chemical Building security and life safety systems	1	LS	\$286,600.00	\$286,600.00	\$209,600.00	\$209,600.00
122	Chemical Building tanks, walkways, grating, handrail, and ladders	1	LS	\$111,000.00	\$111,000.00	\$223,700.00	\$223,700.00
123	Chemical Building pumps, sample panels, piping, and valves	1	LS	\$508,000.00	\$508,000.00	\$716,700.00	\$716,700.00
124	WGL Pump Station Chemical Feed Piping and Valves	1	LS	\$69,000.00	\$69,000.00	\$133,800.00	\$133,800.00
125	Chemical Building HVAC improvements	1	LS	\$680,000.00	\$680,000.00	\$690,300.00	\$690,300.00
126	Chemical Building interior electrical improvements	1	LS	\$729,400.00	\$729,400.00	\$627,900.00	\$627,900.00
127	Chemical Building and Segment A PRV and meter instruments	1	LS	\$304,500.00	\$304,500.00	\$254,100.00	\$254,100.00
128	Chemical Building concrete structure water leakage tests and pipeline testing	1	LS	\$19,600.00	\$19,600.00	\$15,500.00	\$15,500.00
129	Seeding and Surface Restoration	1	LS	\$54,000.00	\$54,000.00	\$502,900.00	\$502,900.00
130	Contractor Quality Control – Independent Testing	1	LS	\$41,000.00	\$41,000.00	\$100,000.00	\$100,000.00
131	Contaminated Soils Removal and Replacement	40	TN	\$306.00	\$12,240.00	\$250.00	\$10,000.00
132	All other improvements not covered by bid items	1	LS	\$205,410.00	\$205,410.00	\$54,600.00	\$54,600.00
Subtotal					\$11,932,100.00		\$12,801,000.00
Grand Total				\$51,188,000.00		\$60,783,835.00	