

PROJECT: **P693 - 56th Street West Water Main Extension Project**
 S.S. PROJECT NO.: **05051.11**

BID DATE: **October 10, 2014**
 BID TIME: **2:00 PM MST**

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BY: Sanderson Stewart
 FOR: Trails West Homes, LLC

Engineer's Opinion of Probable Cost

Williams Civil Construction

COP Construction LLC

Western Municipal Construction, Inc.

Castlerock Excavating, Inc.

Wilson Bros. Construction, Inc.

ITEM NO.	EST. QTY.	UNIT	DESCRIPTION	UNIT PRICE \$	TOTAL PRICE \$	UNIT PRICE \$	TOTAL PRICE \$	UNIT PRICE \$	TOTAL PRICE \$	UNIT PRICE \$	TOTAL PRICE \$	UNIT PRICE \$	TOTAL PRICE \$	UNIT PRICE \$	TOTAL PRICE \$
101	1	LS	Mobilization and Insurance	\$26,879.20 / LS =	26,879.20	\$10,000.00 / LS =	10,000.00	\$38,000.00 / LS =	38,000.00	\$11,000.00 / LS =	11,000.00	\$21,500.00 / LS =	21,500.00	\$40,000.00 / LS =	40,000.00
102	1	LS	Taxes, Bonds, Insurance	\$16,799.50 / LS =	16,799.50	\$4,500.00 / LS =	4,500.00	\$5,000.00 / LS =	5,000.00	\$9,000.00 / LS =	9,000.00	\$6,600.00 / LS =	6,600.00	\$6,500.00 / LS =	6,500.00
103	6	EA	Pre-Construction Structure Survey (If Dewatering is Required)	\$1,200.00 / EA =	7,200.00	\$1,000.00 / EA =	6,000.00	\$101.00 / EA =	606.00	\$100.00 / EA =	600.00	\$2,500.00 / EA =	15,000.00	\$1,500.00 / EA =	9,000.00
104	1	LS	Stormwater Management and Erosion Control	\$3,000.00 / LS =	3,000.00	\$4,500.00 / LS =	4,500.00	\$4,000.00 / LS =	4,000.00	\$500.00 / LS =	500.00	\$5,000.00 / LS =	5,000.00	\$3,500.00 / LS =	3,500.00
105	1	LS	Traffic Control During Construction	\$30,000.00 / LS =	30,000.00	\$21,000.00 / LS =	21,000.00	\$11,000.00 / LS =	11,000.00	\$12,000.00 / LS =	12,000.00	\$19,450.00 / LS =	19,450.00	\$20,000.00 / LS =	20,000.00
106	1	EA	Connect to Existing 20-inch Water Main with 20x20x20-inch Tee	\$10,000.00 / EA =	10,000.00	\$6,000.00 / EA =	6,000.00	\$13,000.00 / EA =	13,000.00	\$15,500.00 / EA =	15,500.00	\$15,035.00 / EA =	15,035.00	\$10,000.00 / EA =	10,000.00
107	2,050	LF	20-inch Ductile Iron Water Main	\$105.00 / LF =	215,250.00	\$97.00 / LF =	198,850.00	\$108.00 / LF =	221,400.00	\$138.00 / LF =	282,900.00	\$113.98 / LF =	233,659.00	\$151.00 / LF =	309,550.00
108	3	EA	20-inch Butterfly Valve	\$6,000.00 / EA =	18,000.00	\$5,950.00 / EA =	17,850.00	\$5,000.00 / EA =	15,000.00	\$5,700.00 / EA =	17,100.00	\$4,333.33 / EA =	12,999.99	\$7,000.00 / EA =	21,000.00
109	2	EA	20x20x6-inch Hydrant Tee	\$3,000.00 / EA =	6,000.00	\$2,475.00 / EA =	4,950.00	\$2,000.00 / EA =	4,000.00	\$1,500.00 / EA =	3,000.00	\$1,250.00 / EA =	2,500.00	\$2,000.00 / EA =	4,000.00
110	1	EA	20x20x8-inch Hydrant Tee	\$3,500.00 / EA =	3,500.00	\$2,750.00 / EA =	2,750.00	\$2,000.00 / EA =	2,000.00	\$1,700.00 / EA =	1,700.00	\$1,600.00 / EA =	1,600.00	\$2,000.00 / EA =	2,000.00
111	1	EA	20-inch Plug and Thrust Block	\$2,500.00 / EA =	2,500.00	\$1,300.00 / EA =	1,300.00	\$1,500.00 / EA =	1,500.00	\$1,000.00 / EA =	1,000.00	\$917.50 / EA =	917.50	\$1,000.00 / EA =	1,000.00
112	1	EA	8-inch Plug and Thrust Block	\$1,800.00 / EA =	1,800.00	\$900.00 / EA =	900.00	\$500.00 / EA =	500.00	\$250.00 / EA =	250.00	\$505.00 / EA =	505.00	\$850.00 / EA =	850.00
113	2	EA	Fire Hydrant Assembly (Includes 6-inch Gate Valve, Pipe, and Extension to Grade)	\$4,500.00 / EA =	9,000.00	\$3,950.00 / EA =	7,900.00	\$5,800.00 / EA =	11,600.00	\$4,500.00 / EA =	9,000.00	\$3,602.50 / EA =	7,205.00	\$7,500.00 / EA =	15,000.00
114	20	LF	Waterline Insulation	\$100.00 / LF =	2,000.00	\$28.00 / LF =	560.00	\$15.00 / LF =	300.00	\$27.00 / LF =	540.00	\$15.00 / LF =	300.00	\$30.00 / LF =	600.00
115	50	LF	Flowable Fill Backfill (If Required)	\$50.00 / LF =	2,500.00	\$48.00 / LF =	2,400.00	\$32.00 / LF =	1,600.00	\$121.00 / LF =	6,050.00	\$40.50 / LF =	2,025.00	\$75.00 / LF =	3,750.00
116	10	EA	Underground Utility Crossings, Less Than 18-inch Diameter	\$400.00 / EA =	4,000.00	\$350.00 / EA =	3,500.00	\$600.00 / EA =	6,000.00	\$420.00 / EA =	4,200.00	\$600.00 / EA =	6,000.00	\$500.00 / EA =	5,000.00
117	5	EA	Bentonite Cut-off Wall	\$1,000.00 / EA =	5,000.00	\$2,335.00 / EA =	11,675.00	\$700.00 / EA =	3,500.00	\$800.00 / EA =	4,000.00	\$465.00 / EA =	2,325.00	\$500.00 / EA =	2,500.00
118	460	CY	Type 2 Bedding	\$20.00 / CY =	9,200.00	\$22.00 / CY =	10,120.00	\$15.00 / CY =	6,900.00	\$1.00 / CY =	460.00	\$20.70 / CY =	9,522.00	\$24.00 / CY =	11,040.00
119	2,050	LF	Geotextile Trench Fabric	\$3.50 / LF =	7,175.00	\$2.50 / LF =	5,125.00	\$1.40 / LF =	2,870.00	\$0.50 / LF =	1,025.00	\$2.58 / LF =	5,289.00	\$3.00 / LF =	6,150.00
120	53	LF	Relocate Existing 15-inch RCP Culvert with FETS	\$30.00 / LF =	1,590.00	\$22.00 / LF =	1,166.00	\$28.00 / LF =	1,484.00	\$10.00 / LF =	530.00	\$47.17 / LF =	2,500.01	\$100.00 / LF =	5,300.00
121	1	LS	Relocate Existing Irrigation Drain Ditch	\$4,000.00 / LS =	4,000.00	\$3,500.00 / LS =	3,500.00	\$1,250.00 / LS =	1,250.00	\$2,300.00 / LS =	2,300.00	\$5,750.00 / LS =	5,750.00	\$7,500.00 / LS =	7,500.00
122	1	LS	Re-Grade Existing Borrow Ditch, Restore Existing Gravel Emergency Road, and Reseed Disturbed Areas	\$10,000.00 / LS =	10,000.00	\$7,200.00 / LS =	7,200.00	\$5,000.00 / LS =	5,000.00	\$7,000.00 / LS =	7,000.00	\$22,620.00 / LS =	22,620.00	\$3,000.00 / LS =	3,000.00
123	1,550	SY	SC150 Erosion Control Blanket	\$4.00 / SY =	6,200.00	\$1.40 / SY =	2,170.00	\$3.70 / SY =	5,735.00	\$0.80 / SY =	1,240.00	\$3.03 / SY =	4,696.50	\$3.00 / SY =	4,650.00
124	40	SY	Asphalt Restoration in Grand Avenue (Includes Geogrid, 14-inch Base Course, and 6-inch Asphalt Section)	\$100.00 / SY =	4,000.00	\$170.00 / SY =	6,800.00	\$156.00 / SY =	6,240.00	\$175.00 / SY =	7,000.00	\$405.50 / SY =	16,220.00	\$100.00 / SY =	4,000.00
TOTAL BID					\$405,593.70		\$340,716.00		\$368,485.00		\$397,895.00		\$419,219.00		\$495,890.00

c: Engineer, Owner, Bid Tabs Book

Percent Over Engineer's Estimate	-19.0%	-10.1%	-1.9%	3.3%	18.2%
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