

Client: City of Boerne	3/25/2026
Project: Ammann Road GBRA Water Main Extension	AIG
KHA No.: 068657038	VRS

Title: Summary - 100% Submittal	Sheet: 1 of 4
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Item No.	Item Description	Cost
1	Delivery Point Improvements	\$ 610,000
2	Water Main Extension	\$ 1,550,000
2A	Water Main Extension (18" Alternate)	\$ 1,790,000
3	Mobilization (Max of 10% of Items 1-2)	\$ 220,000
4	Contingency (10%, Rounded)	\$ 240,000
BASE BID TOTAL (ROUNDED)		\$ 2,600,000
ALTERNATE BID TOTAL (ROUNDED)		\$ 2,900,000

- No Design Completed
- Preliminary Design
- Final Design

This total does not reflect engineering or technical services.

The Engineer has no control over the cost of labor, materials, equipment, or over the Contractor's methods of determining prices or over competitive bidding or market conditions. Opinions of probable costs provided herein are based on the information known to Engineer at this time and represent only the Engineer's judgment as a design professional familiar with the construction industry. The Engineer cannot and does not guarantee that proposals, bids, or actual construction costs will not vary from its opinions of probable costs.

Client: City of Boerne, Texas	Date: 3/25/2026
Project: Ammann Road GBRA Water Main Extension	Prepared By: AIG
KHA No.: 068657038	Checked By: VRS

Title: Delivery Point Breakdown - 100% Submittal	2 of 4
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Item No.	Item Description	Quantity	Unit	Unit Price	Total Price
Delivery Point Improvements					
Site Improvements					
1.1	Chain Link Wire Security Fence	149	LF	\$80.00	\$11,920
1.2	Double-Swing Security Gate	1	EA	\$7,000.00	\$7,000
1.3	Flex Base Pavement w/ Geogrid	188	SY	\$65.00	\$12,220
1.4	Site Grading	1	LS	\$2,000.00	\$2,000
1.5	Precast Concrete Headwall	1	EA	\$1,500.00	\$1,500
1.6	4" Sch. 40 PVC Drain Pipe, Fittings, Accessories	1	LS	\$2,000.00	\$2,000
1.7	6" Crushed Stone Coarse Aggregate (TxDOT Item 247, Ty A-B Grade 1) with Geotextile Weed Barrier	505	SY	\$27.50	\$13,888
1.8	Metal Landscaping Edger	125	LF	\$18.00	\$2,250
1.9	Topsoil and Seeding	47	SY	\$8.50	\$400
1.10	Soil Erosion and Sediment Control Measures	1	LS	\$1,250.00	\$1,250
1.11	Site Clearing and Preparation (Max 5% of Line Items 1.1 - 1.10)	1	LS	\$2,721	\$2,721
Delivery Point Improvements					
1.12	Pressure Gauge and Transmitter	1	EA	\$375.00	\$375
1.13	12" Electromagnetic Flow Meter	1	EA	\$14,500.00	\$14,500
1.14	Adjustable Stanchion Pipe Support	4	EA	\$750.00	\$3,000
1.15	12" Coupling Adapter	1	EA	\$1,890.00	\$1,890
1.16	12" Control Valve w/ Anti-Cavitation Trim (includes Panel)	1	EA	\$57,200.00	\$57,200
1.17	2" Air Release Valve Assembly	1	EA	\$14,500.00	\$14,500
1.18	4" Floor Drain	1	EA	\$2,500.00	\$2,500
1.19	Prefabricated Fiberglass Enclosure, 10'W x 14'L x 8'H	1	LS	\$120,400.00	\$120,400
1.20	Concrete Foundation, 4000 psi	4	CY	\$1,500.00	\$6,000
1.21	16" D.I. Pipe, MJ, Restrained	33	LF	\$565.00	\$18,645
1.22	12" D.I. Pipe, Spool	1	LS	\$2,880.00	\$2,880
1.23	90 Deg. Bend, D.I., MJ	3	EA	\$2,100.00	\$6,300
1.24	90 Deg. Bend, D.I., FL	2	EA	\$1,650.00	\$3,300
1.25	16"x12" Eccentric Reducer, DI, FL	2	EA	\$2,600.00	\$5,200
1.26	16" Transition Coupling (PVC to DI)	1	EA	\$1,675.00	\$1,675
1.27	Tie-in to Prop. (by others) 16" PVC Water Main Stub	1	LS	\$5,000.00	\$5,000
Electrical, I&C, and SCADA Improvements					
2.1	Electrical Distribution Equipment	1	LS	\$ 40,000.00	\$40,000
2.2	SCADA and Instrumentation	1	LS	\$ 150,000.00	\$150,000
2.3	Lighting	1	LS	\$ 5,000.00	\$5,000
2.4	Ductbank and Wiring	1	LS	\$ 40,000.00	\$40,000
2.5	Miscellaneous	1	LS	\$ 50,000.00	\$50,000
Delivery Point Improvements Subtotal (Rounded):					\$610,000

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Title: GBRA Water Main Extension Breakdown - 100% Submittal	3 of 4
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Item No.	Item Description	Quantity	Unit	Unit Price	Total Price
Water Main Extension					
1	Tie-In to Existing 24" Water Main	1	LS	\$20,000.00	\$20,000
2	16" PVC DR-14 C900 Water Line (Restrained)	5,071	LF	\$195.00	\$988,845
3	DI Fittings, MJ, C153	2.13	TONS	\$20,000.00	\$42,600
4	16" Gate Valve Assembly	3	EA	\$16,500.00	\$49,500
5	Trench Safety Protection	5,012	LF	\$7.00	\$35,084
6	36" Steel Casing with Carrier Pipe (Jack and Bore)	59	LF	\$1,200.00	\$70,800
7	2" Air Release Valve Assembly, Type 1	2	EA	\$14,500.00	\$29,000
8	Drain Valve Assembly	1	EA	\$11,000.00	\$11,000
9	Gravel Driveway Repair	95	SY	\$95.00	\$9,025
10	Asphalt Driveway Repair	82	SY	\$165.00	\$13,530
11	Pipe Fence Repair	95	LF	\$50.00	\$4,750
12	Decorative Wood and Wire Fence Repair	95	LF	\$40.00	\$3,800
13	16' Swing Gate	4	EA	\$4,000.00	\$16,000
14	Hydrostatic Testing	1	LS	\$2,500.00	\$2,500
15	Tracer Wire Test Station	10	EA	\$800.00	\$8,000
16	Traffic Control and Street Signage	1	LS	\$5,000.00	\$5,000
17	Soil Erosion and Sediment Control	1	LS	\$22,000.00	\$22,000
18	Topsoil and Seeding	15,747	SY	\$8.50	\$133,850
19	Site Clearing and Preparation (Max 5% of Items 3 - 18)	1	LS	\$80,000.00	\$80,000
Water Main Extension Subtotal (Rounded):					\$1,550,000

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Title: GBRA Water Main Extension Breakdown - 100% Submittal	4 of 4
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Item No.	Item Description	Quantity	Unit	Unit Price	Total Price
Water Main Extension Alternate					
1	Tie-In to Existing 24" Water Main	1	LS	\$20,000.00	\$20,000
2	18" PVC DR-14 C900 Water Line (Restrained)	5,071	LF	\$235.00	\$1,191,685
3	DI Fittings, MJ, C153	2.65	TONS	\$20,000.00	\$53,000
4	18" Gate Valve Assembly	3	EA	\$23,500.00	\$70,500
5	Trench Safety Protection	5,012	LF	\$7.50	\$37,590
6	36" Steel Casing with Carrier Pipe (Jack and Bore)	59	LF	\$1,250.00	\$73,750
7	2" Air Release Valve Assembly	2	EA	\$14,500.00	\$29,000
8	Drain Valve Assembly	1	EA	\$11,000.00	\$11,000
9	Gravel Driveway Repair	95	SY	\$95.00	\$9,025
10	Asphalt Driveway Repair	82	SY	\$165.00	\$13,530
11	Pipe Fence Repair	95	LF	\$50.00	\$4,750
12	Decorative Wood and Wire Fence Repair	95	LF	\$40.00	\$3,800
13	16' Swing Gate	4	EA	\$4,000.00	\$16,000
14	Hydrostatic Testing	1	LS	\$2,500.00	\$2,500
15	Tracer Wire Test Station	10	EA	\$800.00	\$8,000
16	Traffic Control and Street Signage	1	LS	\$5,000.00	\$5,000
17	Soil Erosion and Sediment Control	1	LS	\$22,000.00	\$22,000
18	Topsoil and Seeding	15,747	SY	\$8.50	\$133,850
19	Site Clearing and Preparation (Max 5% of Items 2.1, 2.2A - 2.4A, 7 - 18)	1	LS	\$90,000.00	\$90,000
Water Main Extension Alternate Subtotal (Rounded):					\$1,790,000