

**CHAE ORGANICS
HUERFANO COUNTY
WATER SERVICE EXTENSION**

PRELIMINARY PROJECT & ENGINEERING COST ESTIMATE

SOURCE OF ESTIMATE: GMS, Inc., Consulting Engineers **DATE OF ESTIMATE:** February 14, 2024

No.	Description	Quantity	Unit	Unit Price	Total
Water Service Extension					
1.	Mobilization/Demobilization	1	LS	\$30,000	\$30,000
2.	4" Water Pipe	300	LF	\$80	\$24,000
3.	8" HDPE casing pipe with 4" carrier pipe	90	LF	\$550	\$49,500
3.	Connection to existing 4" waterline	1	EA	\$5,500	\$5,500
6.	New blow-off assembly @ end of Line	1	EA	\$5,000	\$5,000
7.	New 1-inch water service tap and corporation stop to building	1	EA	\$1,500	\$1,500
9.	Install 1-inch SIDR 7 polyethylene service line	225	LF	\$80	\$18,000
10.	New meter pit assembly	1	EA	\$2,800	\$2,800
11.	Seeding and gravel road surface restoration	1	LS	\$6,000	\$6,000
12.	Traffic Control	1	LS	\$3,500	\$3,500
ESTIMATED WATER CONSTRUCTION COST					\$145,800
Project contingencies @ 25%					\$36,200
Engineering design/Contract Administration					\$20,500
Construction Observation (30 Days)					\$33,000
Other Engineering ¹⁾					\$86,000
Administration					\$500
TOTAL PRELIMINARY PROJECT COST ESTIMATE FOR WATER EXTENSION					\$322,000

1) Other engineering costs include: funding administration, environmental report, easements/rights-of-way, permits (CDOT and Huerfano County), geotechnical services, and reproduction

ELECTRIC SERVICE EXTENSION

PRELIMINARY PROJECT & ENGINEERING COST ESTIMATE

SOURCE OF ESTIMATE: San Isabel Electric **DATE OF ESTIMATE:** February 14, 2024

No.	Description	Quantity	Unit	Unit Price	Total
Electric Service Extension					
1.	Underground extension of 3 phase power, to include termination point, cables and ducts, transformers, ground pad, and all appurteances required for extension. Design and construction is completed by San Isabel, the electric utility provider.	1	LS	\$160,000	\$160,000
TOTAL ESTIMATED COST FOR WATER LINE EXTENSION AND ELECTRIC SERVICE LINE EXTENSION					\$482,000