



Arrowleaf

Engineer's Cost Estimate

4/5/24

BAG

7895-01

Description	Item	Unit	Unit Price	Amount
Culinary Water				
6" Fire Hydrant W/ Acc. Valve	3	ea	\$5,900.00	\$17,700.00
Service Laterals	9	ea	\$1,200.00	\$10,800.00
3" Gate Valve	2	ea	\$1,200.00	\$2,400.00
4" Gate Valve	4	ea	\$1,540.00	\$6,160.00
6" Gate Valve	5	ea	\$1,640.00	\$8,200.00
Test & Chlorinate	1	l.s.	\$2,500.00	\$2,500.00
Connection to Existing Wells to serve Tanks	2	ea	\$15,000.00	\$30,000.00
3" PVC Pipe & Fittings	430	l.f.	\$24.00	\$10,320.00
4" PVC Pipe & Fittings	2,320	l.f.	\$28.00	\$64,960.00
6" PVC Pipe & Fittings	2,400	l.f.	\$50.00	\$120,000.00
Engineered Trench Fill	1525.9259	c.y.	\$8.50	\$12,970.37
Access Roadway and Creation of Pad for Tank	1	l.s.	\$20,000.00	\$20,000.00
Concrete Water Reservoir (100k Gal)	1	l.s.	\$185,000.00	\$185,000.00
				\$491,010.37
Storm Drain				
15" R.C.P. Pipe	150	l.f.	\$52.50	\$7,875.00
12" R.C.P. Pipe	26	l.f.	\$44.50	\$1,157.00
Engineered Trench Fill	1,408	c.y.	\$8.50	\$11,968.00
4' x 4' Catch Basin w/ Grate	6	ea	\$3,250.00	\$19,500.00
Connection to Existing	1	ea	\$3,500.00	\$3,500.00
				\$44,000.00
Street Improvements				
Rip-Rap Shoulder	1,960	l.f.	\$16.00	\$31,360.00
10" Gravel Base and 3" Asphalt Surface	5,662	s.y.	\$39.50	\$223,657.78
Net Excavation	17,422	c.y.	\$5.25	\$91,466.67
Rip-Rap Drainage Swale	1960	l.f.	\$24.00	\$47,040.00
				\$393,524.44
Misc.				
Equipment Building for Gates	1	l.s.	\$1,500.00	\$1,500.00
Street Signs	1	ea	\$320.00	\$320.00
6' Gabion and Rail Fence	503	l.f.	\$51.25	\$25,778.75
Sliding Entry Gates	2	ea	\$12,000.00	\$24,000.00
16" Gabion Wall	112	l.f.	\$39.00	\$4,368.00
SWPPP	1	l.s.	\$3,500.00	\$3,500.00
Dry Utility Trench	3,920	l.f.	\$9.50	\$37,240.00
				\$96,706.75
Subtotal				\$1,025,241.56
Contingency (10%)				\$102,524.16
Total Estimated Cost				<u>\$1,127,765.72</u>