

**Round Mountain Water & Sewer District
Full Build (Phase Two)
Preliminary Construction Cost Estimate**

| Item No. | Description of Item | Unit | Quantity | Unit Price | Amount |
|---|---|---------|----------|---------------|-----------------------|
| A. | SITE WORK | | | | |
| 1. | Remove Sludge and Debris from Existing Ponds | L.S. | | \$ 280,000.00 | \$ 280,000.00 |
| 2. | Headwork Upgrades | L.S. | | \$ 250,000.00 | \$ 250,000.00 |
| 3. | Trenching for Anchoring Lining | L.F. | 2,500 | \$ 4.00 | \$ 10,000.00 |
| 4. | Grape Creek Outfall | L.S. | | \$ 100,000.00 | \$ 100,000.00 |
| B. | POND UPGRADES | | | | |
| 1. | Line Ponds with HDPE Liner (45 mil) | Sq. Ft. | 140,000 | \$ 2.00 | \$ 280,000.00 |
| 2. | Diversion Curtains | L.F. | 500 | \$ 40.00 | \$ 20,000.00 |
| 3. | Shore Anchors | Ea. | 14 | \$ 500.00 | \$ 7,000.00 |
| C. | ALGAE INCUBATION | | | | |
| 1. | Algae Distribution Lines and Manifold | L.S. | | \$ 10,000.00 | \$ 10,000.00 |
| D. | AIR DISTRIBUTION | | | | |
| 1. | Air Compressor with Tanks | Ea. | 1 | \$ 5,000.00 | \$ 5,000.00 |
| 2. | Air Distribution Lines with Control Boxes | L.F. | 800 | \$ 15.00 | \$ 12,000.00 |
| 3. | Fine Bubble Diffusers | Ea. | 34 | \$ 300.00 | \$ 10,200.00 |
| E. | ELECTROCOAGULATION (EC) | | | | |
| 1. | EC Chamber (50 gpm) | Ea. | 1 | \$ 288,000.00 | \$ 288,000.00 |
| 2. | Slanted Plate Clarifier (50 gpm) /Sludge Handling | Ea. | 1 | \$80,000.00 | \$ 80,000.00 |
| 3. | Electrical Service | L.S. | | \$ 3,000.00 | \$ 3,000.00 |
| 4. | Interior Plumbing | L.S. | | \$ 5,000.00 | \$ 5,000.00 |
| F. | ENGINEERING/INSPECTION | | | | |
| | Engineering and Construction Inspection (8%) | L.S. | | \$ 108,800.00 | \$ 108,800.00 |
| G. | Contingency | | | | |
| | Contingency (10%) | L.S. | | \$ 136,000.00 | \$ 136,000.00 |
| Total Preliminary Construction Cost Estimate | | | | | \$1,605,000.00 |