

Landfill - 90 % Submission Opinion of Probable Budget (January 24, 2020)

| Item | Description | Units | Quantity | Unit Price | Budget |
|------|---|----------|----------|------------|--------------|
| 1 | Mobilization/Demobilization (2%) | lump sum | 1 | \$132,835 | \$132,835.00 |
| 2 | South/West/Lagoon Road | | | | |
| 1 | Entrance and Gate | lump sum | 1 | \$40,000 | \$40,000 |
| 2 | Perimeter Road Cut | cm | 13,500 | \$30 | \$405,000 |
| 3 | Perimeter Road Fill | cm | 4,100 | \$30 | \$123,000 |
| 4 | Perimeter Road Gravel (450mm) | sm | 3,000 | \$25 | \$75,000 |
| 5 | Ditching | m | 1,600 | \$200 | \$320,000 |
| | | | | | \$963,000 |
| 3 | Landfill Cell 1 | | | | |
| 1 | Excavation | cm | 8,700 | \$30 | \$261,000 |
| 2 | Fill | cm | 29,000 | \$30 | \$870,000 |
| 3 | Under Cell Thermisters | lump sum | 1 | \$10,000 | \$10,000 |
| 4 | Geotextile 1 (allowance) | sm | 18,000 | \$5 | \$90,000 |
| 5 | Grading Pad | sm | 13,500 | \$40 | \$540,000 |
| 6 | Geotextile 2 | sm | 18,000 | \$7 | \$126,000 |
| 7 | 80 mil HDPE Geomembrane Liner | sm | 18,000 | \$20 | \$360,000 |
| 8 | Geotextile 3 | sm | 18,000 | \$7 | \$126,000 |
| 9 | Leachate Collection Granular Layer (600 mm) | sm | 17,000 | \$50 | \$850,000 |
| 10 | Leachate Sump | lump sum | 1 | \$25,000 | \$25,000 |
| 11 | Perimeter Berm | m | 275 | \$500 | \$137,500 |
| 12 | Temporary Cell Separation Berm | m | 275 | \$400 | \$110,000 |
| 13 | Stormwater Barrier | m | 250 | \$400 | \$100,000 |
| 14 | Access Ramp | m | 80 | \$500 | \$39,900 |
| 15 | Leachate Forcemain (75 mm) | m | 300 | \$300 | \$90,000 |
| 16 | Carrier Pipe | m | 50 | \$300 | \$15,000 |
| 17 | Leachate Pump Station/Generator | lump sum | 1 | \$75,000 | \$75,000 |
| 18 | Leachate Level Monitor Standpipe | each | 1 | \$5,000 | \$5,000 |
| 19 | Sediment Control Plan | lump sum | 1 | \$50,000 | \$50,000 |
| 20 | Erosion Control Plan | lump sum | 1 | \$50,000 | \$50,000 |
| 21 | Security | week | 17 | \$6,000 | \$102,000 |
| 22 | Miscellaneous | lump sum | 1 | \$50,000 | \$50,000 |
| | | | | | \$4,082,400 |
| 4 | Leachate Lagoons | | | | |
| 1 | Lagoons - Excavation | cu.m | 25 | \$30 | \$750 |
| 2 | Lagoons - Fill | cu.m | 21,000 | \$30 | \$630,000 |
| 3 | Under Lagoon Thermisters | lump sum | 1 | \$5,000 | \$5,000 |
| 4 | Geotextile 1 (allowance) | sq.m | 9,800 | \$5 | \$49,000 |
| 5 | Grading Pad | sq.m. | 9,800 | \$40 | \$392,000 |
| 6 | Geotextile 2 | sq.m | 9,800 | \$7 | \$68,600 |
| 7 | 80 mil HDPE Geomembrane Liner | sq.m | 9,800 | \$20 | \$196,000 |
| 8 | Lagoon fencing (c/w gates) | m | 500 | \$325 | \$162,500 |
| 9 | Level Control Structures | ea | 2 | \$35,000 | \$70,000 |
| 10 | Discharge gravel dispersion pad | sq.m | 750 | \$30 | \$22,500 |
| | | | | | \$1,596,350 |
| | | | | | |
| 5 | Attendent Trailer | lump sum | 1 | \$50,000 | \$50,000 |
| 6 | Site Portable Generator | lump sum | 1 | \$10,000 | \$10,000 |
| 7 | Miscellaneous | lump sum | 1 | \$50,000 | \$50,000 |

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|-----------------------------|-------------|
| Subtotal | \$6,884,585 |
| Contingency Allowance (20%) | \$1,376,917 |
| Opinion of Probable Budget | \$8,261,502 |