

PHASE 1 ITEMS
General Items

| 1 | Project Mobilization/Demobilization | 1 | LS | $\$ 94,000$ | $\$ 94,000$ | $\$ 100,000$ | $\$ 100,000$ | $\$ 50,000$ | $\$ 50,000$ | $\$ 85,110$ | $\$ 85,110$ |
| :---: | :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2 | Erosion Control | 1 | LS | $\$ 18,000$ | $\$ 18,000$ | $\$ 45,000$ | $\$ 45,000$ | $\$ 6,500$ | $\$ 6,500$ | $\$ 44,000$ | $\$ 44,000$ |
| 3 | Dewatering Required to Complete the Project | 1 | LS | $\$ 63,000$ | $\$ 63,000$ | $\$ 98,000$ | $\$ 98,000$ | $\$ 30,000$ | $\$ 30,000$ | $\$ 80,000$ | $\$ 80,000$ |
| 4 | Construction Staking | 1 | LS | $\$ 36,000$ | $\$ 36,000$ | $\$ 28,000$ | $\$ 28,000$ | $\$ 14,000$ | $\$ 14,000$ | $\$ 49,800$ | $\$ 49,800$ |
| 5 | Clearing, Grubbing, Striping/Stockpiling/Replacing Topsoil | 1 | LS | $\$ 23,000$ | $\$ 23,000$ | $\$ 42,000$ | $\$ 42,000$ | $\$ 18,000$ | $\$ 18,000$ | $\$ 18,900$ | $\$ 18,900$ |
| 6 | Site Restoration of all Disturbed Areas (final grading, seeding, <br> mulching) | 1 | LS | $\$ 6,000$ | $\$ 6,000$ | $\$ 15,000$ | $\$ 15,000$ | $\$ 20,000$ | $\$ 20,000$ | $\$ 1,700$ | $\$ 1,700$ |


| 7 | Embankment Excavation | 4,115 | CYD | \$12 | \$49,380 | \$10 | \$41,150 | \$9 | \$37,035 | \$24 | \$98,760 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 8 | Embankment Backfill | 3,935 | CYD | \$14 | \$55,090 | \$32 | \$125,920 | \$17 | \$66,895 | \$22 | \$86,570 |
| 9 | Remove and Dispose of Existing 16 in Clay Outlet Pipe and Concrete Vault | 1 | LS | \$16,000 | \$16,000 | \$11,500 | \$11,500 | \$3,800 | \$3,800 | \$17,400 | \$17,400 |
| 10 | Concrete Outlet Tower Structure, Including Sluice Gate, Steel Grate, Trash Screens | 1 | LS | \$252,000 | \$252,000 | \$109,000 | \$109,000 | \$105,000 | \$105,000 | \$175,000 | \$175,000 |
| 11 | 40ft Precast Concrete Bridge, Including Footer, Connections and Appurtenances | 1 | LS | \$40,000 | \$40,000 | \$35,000 | \$35,000 | \$60,000 | \$60,000 | \$56,900 | \$56,900 |
| 12 | 1 1-1/2 in Diameter Galvanized Steel Handrail, Including all Appurtenances | 99 | LF | \$300 | \$29,700 | \$165 | \$16,335 | \$200 | \$19,800 | \$231 | \$22,869 |
| 13 | Concrete Mud Mat | 6 | CYD | \$350 | \$2,100 | \$1,200 | \$7,200 | \$1,500 | \$9,000 | \$1,561 | \$9,366 |
| 14 | 24 in Restrained Joint, Concrete Encased, Ductile Iron Class 250 Outlet Pipe | 91 | LF | \$2,000 | \$182,000 | \$1,050 | \$95,550 | \$2,000 | \$182,000 | \$1,600 | \$145,600 |
| 15 | 4ft Diameter Concrete Flat-Top Manhole, Including Connection to Perforated Toe Drain Pipe. | 1 | LS | \$5,600 | \$5,600 | \$8,500 | \$8,500 | \$13,000 | \$13,000 | \$8,775 | \$8,775 |
| 16 | 4 ft Diameter Concrete Flat-Top Manhole, Including Connection to Existing RCP Pipe | 1 | LS | \$5,600 | \$5,600 | \$7,500 | \$7,500 | \$13,000 | \$13,000 | \$9,628 | \$9,628 |
| 17 | Fill Around Manhole | 33 | CYD | \$70 | \$2,310 | \$50 | \$1,650 | \$50 | \$1,650 | \$34 | \$1,122 |
| 18 | Remove and Replace Existing Toe Drain with 8" Contech A-2000 Perforated Toe Drain Pipe, Including No 8 or No 89 Aggregate Filter Gravel, and ASTM C-33 Concrete Sand Bedding | 200 | LF | \$110 | \$22,000 | \$110 | \$22,000 | \$65 | \$13,000 | \$197 | \$39,400 |
| 19 | Utility Conflicts/Contingency - Additional requirements for modifying utilities not identified in drawings and/or for utility repair. Contractor to provide schedule of values and breakdown of required materials and labor for installation for review and approval before this allowance will be used. |  |  | \$45,000 | \$45,000 | \$45,000 | \$45,000 | \$45,000 | \$45,000 | \$45,000 | \$45,000 |
| Phase 1 Reservoir Infrastructure Subtotal |  |  |  |  | \$706,780 |  | \$526,305 |  | \$569,180 |  | \$716,390 |
| Phase 1 Subtotal |  |  |  |  | \$946,780 |  | \$854,305 |  | \$707,680 |  | \$995,900 |



PHASE 2 ITEMS

| General Items |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Project Mobilization/Demobilization | 1 | LS | \$25,000 | \$25,000 | \$5,500 | \$5,500 | \$9,500 | \$9,500 | \$24,300 | \$24,300 |
| 2 | Erosion Control | 1 | LS | \$24,000 | \$24,000 | \$15,000 | \$15,000 | \$18,000 | \$18,000 | \$15,800 | \$15,800 |
| 3 | Construction Staking | 1 | LS | \$10,000 | \$10,000 | \$3,500 | \$3,500 | \$6,000 | \$6,000 | \$12,500 | \$12,500 |
| 4 | Clearing, Grubbing, Striping/Stockpiling/Replacing Topsoil | 1 | LS | \$8,000 | \$8,000 | \$25,000 | \$25,000 | \$15,000 | \$15,000 | \$21,800 | \$21,800 |
| 5 | Site Restoration of all Disturbed Areas (final grading, seeding, mulching) | 1 | LS | \$6,000 | \$6,000 | \$12,000 | \$12,000 | \$24,000 | \$24,000 | \$9,800 | \$9,800 |
| Phase 2 General Items Subtotal |  |  |  |  | \$73,000 |  | \$61,000 |  | \$72,500 |  | \$84,200 |


| 6 | Crest and Slope Fill, Bring Crest to Minimum 4986 Elevation All Around Reservoir | 805 | CYD | \$28 | \$22,540 | \$52 | \$41,860 | \$30 | \$24,150 | \$60 | \$48,300 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 7 | 6" Thick CDOT Class 6 Roadbase on Reservoir Crest | 1,510 | CYD | \$52 | \$78,520 | \$70 | \$105,700 | \$42 | \$63,420 | \$95 | \$143,450 |
| 8 | ${ }^{18 "}$ Thick D50 = 9" Type L Soil Riprap on Emergency Spillway | 615 | CYD | \$110 | \$67,650 | \$75 | \$46,125 | \$115 | \$70,725 | \$110 | \$67,650 |
| 9 | Utility Conflicts/Contingency - Additional requirements for modifying utilities not identified in drawings and/or for utility repair. Contractor to provide schedule of values and breakdown of required materials and labor for installation for review and approval before this allowance will be used. |  |  | \$10,000 | \$10,000 | \$10,000 | \$10,000 | \$10,000 | \$10,000 | \$10,000 | \$10,000 |
| Phase 2 Reservoir Infrastructure Subtotal |  |  |  |  | \$178,710 |  | \$203,685 |  | \$168,295 |  | \$269,400 |

