

| WASHINGTON ELEMENTARY SCHOOL DISTRICT  |          |      | Engineer's Estimate |               | 3/27/2018 |  |
|--|----------|------|---------------------|---------------|-----------|--|
| Tumbleweed Elementary  |          |      |                     |               |           |  |
| FIRE LANE IMPROVEMENTS - Adjacent Ways   |          |      |                     |               |           |  |
| Site Work  |          |      |                     |               |           |  |
|  | Quantity | Unit | Unit Cost           | Total         |           |  |
| Mobilization/ Demolition   | 1        | LS   | \$ 20,000.00        | \$ 20,000.00  |           |  |
| Construction Surveying   | 1        | LS   | \$ 2,500.00         | \$ 2,500.00   |           |  |
| Construction Surveying As-Builts   | 1        | LS   | \$ 1,000.00         | \$ 1,000.00   |           |  |
| Clearing and Grubbing  | 1.00     | AC   | \$ 1,750.00         | \$ 1,750.00   |           |  |
| Sawcut Pavement  | 900      | LF   | \$ 3.50             | \$ 3,150.00   |           |  |
| Remove Wrought Iron Fencing  | 70       | LF   | \$ 12.50            | \$ 875.00     |           |  |
| Remove Concrete Sidewalk, Driveways & Slabs  | 4,000    | SF   | \$ 2.50             | \$ 10,000.00  |           |  |
|  |          |      | Section Total       | \$ 39,275.00  |           |  |
| Civil Engineering  |          |      |                     |               |           |  |
|  | Quantity | Unit | Unit Cost           | Total         |           |  |
| GRADING AND DRAINAGE   |          |      |                     |               |           |  |
| New Catch Basin Inlet  | 6        | EA   | \$ 3,500.00         | \$ 21,000.00  |           |  |
| 18-Inch HDPE Storm Drain Pipe  | 100      | LF   | \$ 28.00            | \$ 2,800.00   |           |  |
| 120-inch Underground CMP Pipe Complete   | 300      | LF   | \$ 380.00           | \$ 114,000.00 |           |  |
| Drywell  | 3        | EA   | \$ 16,500.00        | \$ 49,500.00  |           |  |
| Earthwork  | 1,000    | CY   | \$ 6.25             | \$ 6,250.00   |           |  |
| Haul Off   | 1,000    | CY   | \$ 18.00            | \$ 18,000.00  |           |  |
| Fine Grading   | 12,000   | SF   | \$ 0.25             | \$ 3,000.00   |           |  |
|  |          |      | Subtotal            | \$ 214,550.00 |           |  |
| Concrete Fire Lane Work  |          |      |                     |               |           |  |
| 6" Subgrade Prep   | 1,333    | SY   | \$ 5.00             | \$ 6,665.00   |           |  |
| 4" Aggregate Base  | 1,333    | SY   | \$ 3.50             | \$ 4,665.50   |           |  |
| Concrete Fire Lane 8-inch concrete pavement w/ welded wire fabric  | 28,985   | SF   | \$ 12.00            | \$ 347,820.00 |           |  |
| Concrete Curb and Gutter   | 5,000    | LF   | \$ 18.00            | \$ 90,000.00  |           |  |
| City of Phoenix Concrete Driveway P1255  | 6,000    | SF   | \$ 3.00             | \$ 18,000.00  |           |  |
|  |          |      | Subtotal            | \$ 467,150.50 |           |  |
|  |          |      | Section Total       | \$ 720,975.50 |           |  |
| Grand Total  |          |      |                     |               |           |  |
|  |          |      | Subtotal            | \$ 760,250.50 |           |  |
| NOTE:  |          |      |                     |               |           |  |
| 1. This information is not intended for use in ordering of equipment or materials, the contractor is responsible for determining if additional contingency factors should be applied for preliminary cost basis. This information and actual project equipment quantities and/ or construction costs may differ. |          | 15%  | Contingency         | \$ 114,037.58 |           |  |
|  |          |      | Grand Total         | \$ 874,288.08 |           |  |