

WASHINGTON ELEMENTARY SCHOOL DISTRICT					Engineer's Estimate
Richard E. Miller					
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	3	EA	\$ 3,500.00	\$	10,500.00
12-Inch HDPE Storm Drain Pipe	165	LF	\$ 22.00	\$	3,630.00
18-Inch HDPE Storm Drain Pipe	180	LF	\$ 28.00	\$	5,040.00
120-inch Underground CMP Pipe Complete	100	LF	\$ 400.00	\$	40,000.00
Drywell	1	EA	\$ 16,500.00	\$	16,500.00
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	\$ 102,920.00
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	12,000	SF	\$ 12.00	\$	144,000.00
Concrete Curb and Gutter	1,200	LF	\$ 18.00	\$	21,600.00
City of Phoenix Concrete Driveway P1255	3,000	SF	\$ 3.00	\$	9,000.00
Concrete Fire Lane Turn Around Area 8-inch Thich w/ Wire Welded Fabric	7,741	SF	\$ 12.00	\$	92,892.00
				Subtotal	\$ 278,822.50
				Section Total	\$ 421,017.50
Grand Total					
				Subtotal	\$ 460,292.50
				Contingency	\$ 69,043.88
				Grand Total	\$ 529,336.38

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.