Engineer's Opinion of Estimated Costs for Public/Private Improvements
Plum Creek South Park CD21-0046

All Costs Include Labor and Materials.

Item #	Description	Quantity	Unit	Unit Cost	Total Cost
	PUBLIC IMPROVEMENTS TO BE INSPECTED				
	Earthwork				
	Mobilizaton				$0.00
	Topsoil				$0.00
	Import/Export in ROWs				$0.00
	Transportation				
	Paving				$0
	Subgrade Prep				$0
	Curb Gutter				$0
	Cross Pans				$0
	Sidewalks				$0
	Handicapped Ramps	1	LS	$6,100.00	$6,100.00
	Street Repair for utility cuts				$0
	Irrigation Conduits in Right-of-way				$0
	Utility Conduits in Right-of-Way				$0
	Trails (off street, public)				$0
	Striping				$0
	Signage				$0
	Public Street Lighting				$0
	Water				$0
	Water Mains (list types & sizes) 12 inch				$0
	Connections to Existing WL				$0
	Saw Cut & Pavement Replacement				$0
	Water Main Lowerings				$0
	Tees (list sizes)				$0
	Crosses (list sizes)				$0
	Horizontal Bends (list sizes)				$0
	Vertical Bends (list sizes)				$0
	Valves (list types & sizes)				$0
	Marker Posts				$0
	Temporary Blow-Offs				$0
	ARV's				$0
	Fire Hydrants 1 per 400 ft				$0
	Fire Hydrant Bollards				$0
	Domestic Service Lines (from the main to the curb stop) (list types and sizes)				$0
	Water Meters (list sizes) & Vaults				$0
	Irrigation Meters (list sizes) & Vaults				$0
	Irrigation Lines (from main to meter) (list types & sizes)				$0

Item #	Description	Quantity	Unit	Unit Cost	Total Cost
	Sanitary Sewer				$0
	Sanitary Mains (list types & sizes) 8 inch				$0
	Connections to Existing San Sewer				$0
	Saw Cut & Pavement Replacement				$0
	Lift Stations				$0
	Sanitary Force Mains (list types & sizes)				$0
	Manholes (list dia. & range of depth)				$0
	Locking Type Manhole Covers & Bolt-Down Rings				$0
	Manhole Internal Watertight Inserts				$0
	Drop Manholes (list dia. & range of depth)				$0
	Marker Posts				$0
	WYE connections for service lines (list sizes)				$0
	Drainage				
	Storm Sewer Pipes				$0
	Manholes				$0
	Inlets				$0
	FES's				$0
	Trickle Channel				$0
	Rip Rap				$0
	Forebay				$0
	Micropool				$0
	Outlets Structure(s)				$0
	Retaining Walls				$0
	Bid Alternate #1				
	Erosion Control, Concrete Flatwork, Concrete Stairs with Handrail, Subgrade Prep, Class 6 Aggregate Base Course	1	LS	$32,959.50	$32,959.50
					$39,060
	10% Contingency				$3,905.95
	Total Public Improvements				$42,965.45
	PRIVATE IMPROVEMENTS TO BE INSPECTED				
	Earthwork				
	Import/Export				$0.00
	Water				$0
	Backflow Prevention Assemblies (list sizes)				$0
	Fire Service Line (list types and sizes)				$0
	Abandon/remove water service lines				$0
	Irrigation backflow prevention assemblies (list sizes)				$0

Item #	Description	Quantity	Unit	Unit Cost	Total Cost
	Sanitary Sewer				$0
	Abandon/remove sanitary sewer service lines				$0
	Drainage				$0
	Storm Sewer Pipe				$0
	Manholes				$0
	Inlets				$0
	Clean Outs				$0
	FES's				$0
	Retaining Walls				$0
					$0
	10% Contingency				$0.0
	Total Private Improvements To Be Inspected				$0.0
	PRIVATE IMPROVEMENTS NOT TO BE INSPECTED				
	Earthwork				
	Mobilizaton	1	LS	$60,620.12	$60,620.12
	Topsoil	1	LS	$1,456.00	$1,456.00
	Import/Export in ROWs	1	LS	$480.00	$480.00
	Project Start-Up				
	Potholing, Erosion Control, Traffic Control, Surveying	1	LS	$21,699.00	$21,699.00
	Demolition				
	Vegetation, Hardscape, Miscellaneous	1	LS	$50,647.50	$50,647.50
	Drainage				
	Playground Underdrain System	1	LS	$5,000.00	$5,000.00
	Sidewalk Chase - 12" Wide	5	EA	$2,500.00	$12,500.00
	Transportation/ Flatwork				
	Paving - Concrete	9,453	SF	$8.50	$80,350.50
	Subgrade Prep	1,214	SY	$4.50	$5,463.00
	Class 6 Aggregate Base Course	364	TON	$60.00	$21,840.00
	Playpit Wall	7.48	CY	$2,200.00	$16,456.00
	Playground Ramp	1	EA	$3,500.00	$3,500.00
	Site Structures, and Playground				
	Shade Sails, Play Equipment, Playground Surfacing	1	LS	$124,345.00	$124,345.00
	Site Furniture				
	Trash Receptacles, Benches, Bike Racks, Pet Waste Stations	1	LS	$15,200.00	$15,200.00

Item #	Description	Quantity	Unit	Unit Cost	Total Cost
	Landscape				
	Landscape Boulders, Flagstone, Native Seed	1	LS	$39,097.15	$39,097.15
					$458,654.27
	10% Contingency				$45,865.43
	Total Private Improvements Not To Be Inspected				$504,519.70
	Grand Total				**$547,485.15**

1. Surety is calculated based on Public Improvement Costs.
2. Inspection Fees are calculated from Public Improvements and Private Improvements to be inspected.
3. Use Tax is calculated from the Grand Total of all Improvements minus Earthwork.
4. All Costs Shall Include Labor and Material.