

Goodwin Park, Hartford, CT - Cost Estimate
8/31/2021

Base Bid						
Item #		Description	Unit Cost	GC MarkUp	Quantity	Total
	LS	Booster Pump Assembly, Mechanical	\$ 137,000.00	40%	1	\$191,800
	LS	Site Work for Pond Filter install	\$ 30,000.00		1	\$30,000
	LS	Booster Pump Enclosure, Heated Pre-Cast Structure with Doors	\$ 159,000.00	40%	1	\$222,600
	LS	Concrete Frost Walls, Found. & Support Pad for Pump & Building	\$ 30,000.00		1	\$30,000
	LS	Misc Ductile Iron Dist. Pipe at Pump House	\$ 25,000.00		1	\$25,000
	EA	RPD in Hot Box with New Elec. Serv. @ Exist. MDC Water Service	\$ 22,500.00		5	\$112,500
	EA	Pipe Protection at Building	\$ 5,000.00		1	\$5,000
					Division Sub Total	\$616,900

Site Work						
	LF	Compost Filter Tube	8.80		1,000	\$8,800
	LS	Clearing, Grubbing, Site Prep.	\$5,000.00		1	\$5,000
		Grading	\$10,000.00		1	\$10,000
	SF	Asphalt Patching at Cart paths and walks	\$5.00		1,200	\$6,000
	SF	Concrete Sidewalk Walk Replacement	\$15.00		500	\$7,500
	CY	Topsoil	\$40.00		100	\$4,000
	CY	Specialty Fairway and Green Soil	\$80.00		100	\$8,000
	SF	Seeding and Fertilizing	\$0.35		4,000	\$1,400
	EA	Tree Replacement	\$850.00		4	\$3,400
	LS	On -Site Arborist	\$ 3,000.00		1	\$3,000
	LF	Tree Protection (Orange Snow Fence)	\$2.50		5,000	\$12,500
	EA	Furnish and Install Project Sign	\$2,000.00		1	\$2,000
					Division Sub Total	\$71,600

Electrical Work						
	EA	5 HP Well Pump, Motor, Drop Pipe, Adapter and 2" PVC Supply	\$12,500.00		2	\$25,000
	LS	Demo Existing Equipment	\$20,000.00		1	\$20,000
	LF	3" Polyvinyl Chloride Conduit in Trench	\$12.00		800	\$9,600
	LF	Trenching and Backfilling Type I	\$ 7.50		550	\$4,125
	LF	Conductors	\$3.00		1,600	\$4,800
	LF	Cunductor (transformer to panel)	\$50.00		60	\$3,000
	EA	Polymer Concrete Handhole - Type II	\$1,000.00		2	\$2,000
	EA	Electrical Service	\$7,500.00		1	\$7,500
	EA	Electrical Cabinet & Pre-Cast Foundation for SCADA	\$20,000.00		1	\$20,000
	EA	Electrical Cabinet & Pre-Cast Foundation for Booster Pump and Wells	\$20,000.00		1	\$20,000
	LS	SCADA Telemetry and Controls	\$25,000.00		1	\$25,000
	LS	Phase Converters for Pumps	\$5,000.00		3	\$15,000
					Division Sub Total	\$156,025

Irrigation System						
		<u>HDPE PIPE & FITTINGS</u>	\$ -			
	LS	Proposed Irrigation System	\$ 400,000.00		1	\$ 400,000
	LS	Disconnect City Water	\$ 25,000.00		1	\$ 25,000
	LS	Tie in Existing Irrigation System	\$ 25,000.00		1	\$ 25,000
					Division Sub Total	\$450,000

SUB TOTAL ITEMS						\$1,294,525
		Contingency*				\$ 100,000
		Mobilization and Project Close-out			5.0%	\$ 64,726
		Construction Staking			2.0%	\$ 25,891
		Rock /Ledge Removal			2.0%	\$ 25,891
		Removal and Disposal of Existing System Components			5.0%	\$ 64,726
BASE BID GRAND TOTAL						\$1,575,759

ALT #1						
Item #		Description	Unit Cost	GC MarkUp	Quantity	Total
Irrigation System						
	LS	Proposed Irrigation System	\$ 600,000.00		1	\$ 600,000
	LS	Tie in Existing Irrigation System	\$ 15,000.00		1	\$ 15,000
					Division Sub Total	\$615,000

SUB TOTAL ITEMS						\$615,000
		Contingency*				\$ 25,000
		Mobilization and Project Close-out			5.0%	\$ 30,750
		Construction Staking			2.0%	\$ 12,300
		Rock /Ledge Removal			2.0%	\$ 12,300
		Removal and Disposal of Existing System Components			10.0%	\$ 61,500

ALT #1 TOTAL \$756,850

ALT #2						
Item #		Description	Unit Cost	GC MarkUp	Quantity	Total
Irrigation System						
	LS	Proposed Irrigation System	\$ 545,000.00		1	\$ 545,000
	LS	Tie in Existing Irrigation System	\$ 15,000.00		1	\$ 15,000
					Division Sub Total	\$560,000

SUB TOTAL ITEMS						\$560,000
		Contingency*				\$ 25,000
		Mobilization and Project Close-out			5.0%	\$ 28,000
		Construction Staking			2.0%	\$ 11,200
		Rock /Ledge Removal			2.0%	\$ 11,200
		Removal and Disposal of Existing System Components			10.0%	\$ 56,000

ALT #2 TOTAL \$691,400

ALT #3						
Item #		Description	Unit Cost	GC MarkUp	Quantity	Total
Irrigation System						
	LS	Proposed Irrigation System	\$ 412,500.00		1	\$ 412,500
					Division Sub Total	\$412,500

SUB TOTAL ITEMS						\$412,500
		Contingency*				\$ 25,000
		Mobilization and Project Close-out			5.0%	\$ 20,625
		Construction Staking			2.0%	\$ 8,250
		Rock /Ledge Removal			2.0%	\$ 8,250
		Removal and Disposal of Existing System Components			10.0%	\$ 41,250

ALT #3 TOTAL \$515,875

Grand Total \$3,539,884