

Rock Chalk Site Work

General	Unit	Quantity	Unit Cost	Total
Mobilization	LS	1	\$ 400,000.00	\$ 400,000.00
Construction Staking	AC	90	\$ 2,500.00	\$ 225,000.00
Seeding, Mulching & Fertilizing	LS	1	\$ 30,000.00	\$ 30,000.00
Utilities Connection fees and expenses	LS	1	\$ 55,000.00	\$ 55,000.00
Traffic Control	LS	1	\$ 5,000.00	\$ 5,000.00
Erosion & Sediment Control	LS	1	\$ 40,000.00	\$ 40,000.00
Legal Fees per Development Agreement	LS	1	\$ 167,836.00	\$ 167,836.00
Loan origination fees for project financing	LS	1	\$ 150,000.00	\$ 150,000.00
Loan interest for project financing	LS	1	\$ 309,515.00	\$ 309,515.00
Construction Management fee 2.5% on \$11.5M	LS	1	\$ 287,500.00	\$ 287,500.00
Professional Engineering Fees	LS	1	\$ 525,000.00	\$ 525,000.00

General Total: \$ 2,194,851.00

Site Grading	Unit	Quantity	Unit cost	Total
Site strip	CY	32,000	\$ 2.25	\$ 72,000.00
Site Excavation	CY	180,000	\$ 2.25	\$ 405,000.00
Compaction	CY	160,000	\$ 1.10	\$ 176,000.00
Topsoil Replacement/fine grade	CY	10,000	\$ 10.00	\$ 100,000.00
Rock Excavation	CY	9,750	\$ 10.00	\$ 97,500.00

Site Grading Total: \$ 850,500.00

Retention Ponds	Unit	Quantity	Unit cost	Total
Rock Excavation	CY	10,000	\$ 10.00	\$ 100,000.00
Dirt Excavation	CY	5,000	\$ 2.25	\$ 11,250.00
Faircloth skimmers	LS	3	\$ 10,000.00	\$ 30,000.00
Storm structure	LS	3	\$ 5,000.00	\$ 15,000.00

Site Grading Total: \$ 156,250.00

Natural Trails and Eight Lighted Tennis Courts	Unit	Quantity	Unit cost	Total
Tennis Courts	LS	1	\$ 640,000.00	\$ 640,000.00
Retaining Walls at Tennis Courts	LS	1	\$ 170,000.00	\$ 170,000.00
Natural trail 10' Approx. 5 + miles	SY	33,710	\$ 12.00	\$ 404,520.00

Eight Lighted Tennis Courts: \$ 1,214,520.00

Waterline	Unit	Quantity	Unit Cost		Total
Connect to Existing water line	1	1	\$ 750.00	\$	750.00
12" C900 DR14 Water line	LF	7,642	\$ 36.87	\$	281,760.54
8" PVC C900 DR14 Water line	LF	472	\$ 29.00	\$	13,688.00
3" M.J. Gate Valve	EACH	2	\$ 500.00	\$	1,000.00
6" M.J. Gate Valve	EACH	2	\$ 825.00	\$	1,650.00
8" M.J. Gate Valve	EACH	2	\$ 1,300.00	\$	2,600.00
12" MJ Gate Valve	EACH	33	\$ 1,500.00	\$	49,500.00
Fire Hydrant Assembly	EACH	17	\$ 3,300.00	\$	56,100.00
Private Fire Hydrant Assembly (Painted Red)	EACH	2	\$ 3,300.00	\$	6,600.00
Flowable Fill	LS	1	\$ 26,910.00	\$	26,910.00
2" Curb Stop with Auto Flusher and RIPRAP	LS	1	\$ 6,000.00	\$	6,000.00
Water Meter Pits	LS	1	\$ 20,303.11	\$	20,303.11
Concrete Encasement	LF	20	\$ 60.00	\$	1,200.00
Waterline Total:			\$		468,061.65

Sanitary Sewer	Unit	Quantity	Unit Cost		Total
8" SDR26 PVC granular embedment	LF	2,019	\$ 44.00	\$	88,836.00
STD Manhole 4" DIA, 6' Depth	EACH	8	\$ 2,000.00	\$	16,000.00
Extra Depth 4' DIA Manhole	VF	12.46	\$ 100.00	\$	1,246.00
Drop Manhole 5' DIA 6' Depth	EACH	1	\$ 2,970.00	\$	2,970.00
Extra Depth 5' DIA Manhole	VF	6.3	\$ 110.00	\$	693.00
6" Service Line	EACH	4	\$ 500.00	\$	2,000.00
Connect to Existing Manhole	EACH	1	\$ 500.00	\$	500.00
Concrete Collars	EACH	7	\$ 570.00	\$	3,990.00
Flowable Mortar Backfill	CY	403	\$ 70.00	\$	28,210.00
Seed, Fertilize, Mulch and Erosion Netting	LS	1	\$ 5,500.00	\$	5,500.00
Construction Staking	no bid	no bid			
Rip Rap Erosion Protection	LS	1	\$ 2,500.00	\$	2,500.00
Concrete Encasement	LF	45	\$ 50.00	\$	2,250.00
Impervious Ditch Check	LS	1	\$ 750.00	\$	750.00
Polyurethane Manhole Lining	LS	1	\$ 7,397.50	\$	7,397.50
Sanitary Sewer Total:			\$		162,842.50

Storm Sewer	Unit	Quantity	Unit Cost		Total
15" HDPE	LF	38	\$ 23.75	\$	902.50
15" Reinforced Concrete Pipe	LF	79	\$ 24.75	\$	1,955.25
18" HDPE	LF	87	\$ 24.00	\$	2,088.00
18" Reinforced Concrete Pipe	LF	76	\$ 25.00	\$	1,900.00
24" HDPE	LF	706	\$ 30.00	\$	21,180.00
24" Reinforced Concrete Pipe	LF	38	\$ 32.00	\$	1,216.00
30" HDPE	LF	19	\$ 39.00	\$	741.00
48" Reinforced Concrete Pipe	LF	103	\$ 105.00	\$	10,815.00
15" RCP End Section	EACH	1	\$ 450.00	\$	450.00
30" RCP End Section	EACH	1	\$ 450.00	\$	450.00
48" RCP End Section	EACH	2	\$ 1,900.00	\$	3,800.00
5'x4' Curb Inlet	EACH	6	\$ 2,025.00	\$	12,150.00
10'x4' Curb Inlet	EACH	3	\$ 3,252.00	\$	9,756.00
4'x4' Junction Box	EACH	1	\$ 2,185.00	\$	2,185.00
18"NOM DIA Rip Rap	SY	84	\$ 25.00	\$	2,100.00
Flowable fill	LS	1	\$ 11,000.00	\$	11,000.00
Storm Sewer Total			\$		82,688.75

Parking Lot Lights	Unit	Quantity	Unit Cost	Total
LED - Dual Fixtures	LS	1	\$ 120,000.00	\$ 120,000.00
Pole Bases	LS	1	\$ 25,000.00	\$ 25,000.00
Conduit	LS	1	\$ 40,000.00	\$ 40,000.00
Conduit Westar	LS	1	\$ 25,000.00	\$ 25,000.00
Conduit for Fiber	LF	0	\$ -	\$ -
Electric Service - labor	LS	1	\$ 30,000.00	\$ 30,000.00

Parking Lot Lights Total: \$ 240,000.00

Landscaping	Unit	Quantity	Unit Cost	Total
Trees	EACH	450	\$ 425.00	\$ 191,250.00
Shrubs	EACH	710	\$ 60.00	\$ 42,600.00
Site Entry signs	LS	1	\$ 150,000.00	\$ 150,000.00
Irrigation	LS	1	\$ 100,000.00	\$ 100,000.00
Misc	LS	1	\$ 100,000.00	\$ 100,000.00

Landscaping Total: \$ 583,850.00

Rock Chalk Drive & George Williams	Unit	Quantity	Unit Cost	Total
Unclassified excavation	CY	15,934	\$ 5.00	\$ 79,670.00
Compacted fill	CY	1,790	\$ 1.00	\$ 1,790.00
Site restoration	LS	1	\$ 5,000.00	\$ 5,000.00
10" NRDJ Portland cement conc pave	SY	9,758	\$ 55.00	\$ 536,690.00
Type CG-1 Concrete curb & gutter	LF	6,257	\$ 16.00	\$ 100,112.00
4" x 5' Concrete sidewalk	SY	40	\$ 30.00	\$ 1,200.00
6" x 10' Fiber reinforced conc sdwk	SY	4,078	\$ 40.00	\$ 163,120.00
Access ramps	EACH	13	\$ 1,000.00	\$ 13,000.00
Compaction tests street	LS	5	\$ 100.00	\$ 500.00
Construction Staking	No Bid	No Bid	No Bid	No Bid
Seed, Fertilize & Mulch	LS	1	\$ 4,000.00	\$ 4,000.00
Clearing, Grubbing & Tree Removal	LS	1	\$ 1,250.00	\$ 1,250.00
Treatment of subgrade 12" fly ash & 4"AB3	SY	11,825	\$ 9.33	\$ 110,327.25
Erosion Control	LS	1	\$ 2,670.00	\$ 2,670.00
Section Corner Monument Box	LS	1	\$ 1,000.00	\$ 1,000.00
2" Conduit	LF	1,701	\$ 2.00	\$ 3,402.00
4" Conduit	LF	997	\$ 2.00	\$ 1,994.00
Traffic Control Signage	LS	1	\$ 500.00	\$ 500.00

Rock Chalk Drive & George Williams Total: \$ 1,026,225.25

Overflow Parking Lot	Unit	Quantity	Unit Cost	Total
Concrete access ramps	SY	667	\$ 50.00	\$ 33,350.00
Lot Grading	LS	1	\$ 25,000.00	\$ 25,000.00
Temporary Gravel Laydown	LS	1	\$ 20,000.00	\$ 20,000.00

Overflow Parking Lot Total: \$ 78,350.00

Parking Lot / Access Drives	Unit	Quantity	Unit Cost		Total
Concrete parking lot	SY	52,362	\$ 44.00	\$	2,303,928.00
CG-1 curb and gutter	LF	17,230	\$ 18.00	\$	310,140.00
Fire lane / Access roads	SY	8,845	\$ 44.00	\$	389,180.00
Storm Sewer	LS	1	\$ 157,000.00	\$	157,000.00
Trim Subgrade	SY	65,393	\$ 1.25	\$	81,741.25
Treatment of subgrade - 12"Fly ash & 4" AB3	SY	65,425	\$ 9.33	\$	610,415.25

Parking Lot / Access Drives Total: \$ 3,852,404.50

Rock Chalk Lane and Rock Chalk Parkway	Unit	Quantity	Unit Cost		Total
Unclassified excavation	CY	3,017	\$ 5.00	\$	15,085.00
Compacted fill	CY	2,920	\$ 1.00	\$	2,920.00
Site restoration	LS	1	\$ 5,000.00	\$	5,000.00
8" NRDJ Portland cement	SY	9,675	\$ 50.00	\$	483,750.00
CG-1 curb and gutter	LF	5,100	\$ 16.00	\$	81,600.00
6" x 10' Fiber rec path	SY	4,706	\$ 40.00	\$	188,240.00
4" x 5' Sidewalk	SY	60	\$ 30.00	\$	1,800.00
Access ramps	EACH	51	\$ 1,000.00	\$	51,000.00
Treatment of subgrade - 12" fly ash & 4"AB3	SY	10,800	\$ 9.33	\$	100,764.00

Rock Chalk Lane and Rock Chalk Parkway Total: \$ 930,159.00

Chip and Seal County Road	Unit	Quantity	Unit Cost		Total
Chip and Seal	SY	10,000	\$ 1.80	\$	18,000.00

Chip and Seal County Road \$ 18,000.00

Rec Center Pad	Unit	Quantity	Unit cost		Total
Rock Excavation	CY	18,000	\$ 10.00	\$	180,000.00
Dirt Excavation	CY	10,000	\$ 2.25	\$	22,500.00
Compaction	CY	8,500	\$ 1.10	\$	9,350.00
Fly Ash 18"	SY	12,000	\$ 8.00	\$	96,000.00
AB3 Entire building Pad	SY	20,100	\$ 4.00	\$	80,400.00
AB3 Additional depth rock area	SY	8,000	\$ 5.50	\$	44,000.00

Rec Center Pad: \$ 432,250.00

Total: \$ 12,290,952.65
