

**City of Columbus  
Hap Cremean Water Plant  
Lagoon No. 1 Exterior Embankment Only**

**ODNR Bond**

April 12, 2010

<b>Bid Item</b>	<b>Description</b>	<b>Quantity</b>	<b>Unit</b>	<b>Unit Cost</b>	<b>Total Cost</b>
202	24 Inch Pipe Removed	50	LF	\$15.00	\$750.00
202	Decant Structure Removed, As Per Plan	2	EA	\$1,500.00	\$3,000.00
203	Excavation, As Per Plan	1,000	CY	\$2.25	\$2,250.00
SPEC	Embankment Structural Fill	31,000	CY	\$6.60	\$204,600.00
SPEC	Excavation and Embankment Structural Fill	18,000	CY	\$15.40	\$277,200.00
601	Rock Channel Protection	480	CY	\$27.00	\$12,960.00
604	Headwall for 24" Pipe, As Per Plan	1	EA	\$7,000.00	\$7,000.00
604	Manhole, Type C	2	EA	\$1,500.00	\$3,000.00
604	Precast Reinforced Concrete Outlet, As Per Plan	2	EA	\$450.00	\$900.00
636	Flowable Controlled Density Fill	50	CY	\$82.00	\$4,100.00
653	Topsoil Furnished and Placed, As Per Plan	400	CY	\$23.00	\$9,200.00
659	Seeding & Mulching, As Per Plan	5,000	SY	\$0.40	\$2,000.00
670	Slope Erosion Protection	5,000	SY	\$1.40	\$7,000.00
SPEC	24-inch Storm Sewer with Type I Bedding, As Per Plan	119	LF	\$68.00	\$8,092.00
SPEC	24-inch Storm Sewer with Type II Bedding, As Per Plan	59	LF	\$63.00	\$3,717.00
SPEC	24-inch Storm Sewer, As Per Plan	50	LF	\$90.00	\$4,500.00
SPEC	Access Road Along Exterior Embankment	1,783	SY	\$5.00	\$8,915.00
SPEC	Decant Structure	1	EA	\$125,000.00	\$125,000.00
SPEC	Dewatering	1	LS	\$15,000.00	\$15,000.00
SPEC	Settlement Platform	1	EA	\$650.00	\$650.00
SPEC	6" Chimney Drain Outlet Pipe	62	LF	\$45.00	\$2,790.00
SPEC	Chimney Drain	925	LF	\$60.00	\$55,500.00
SPEC	Toe Drain	840	LF	\$25.00	\$21,000.00
				<b>Total Construction Cost</b>	<b>\$779,124.00</b>
	Construction Inspection	1	LS	\$228,000.00	\$228,000.00
	Materials Testing	1	LS	\$137,000.00	\$137,000.00
	Preparation of As Built Plans	1	LS	\$8,000.00	\$8,000.00
				<b>Total Estimate</b>	<b>\$1,152,124.00</b>

**Bond Required (50% of Construction Costs and Inspection Costs)    \$576,062.00**

\$4,000.00

\$12,000.00

\$10,000.00

\$760.62

Filing Fee    \$26,760.62