

BURNS COOLEY DENNIS, INC.

GEOTECHNICAL AND MATERIALS ENGINEERING CONSULTANTS

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October 14, 2022

Williford, McCallister, Jacobus and White, LLC
3003 Highland Park Cove, Suite A
Ridgeland, Mississippi 39157
Attn: Reese G. (Jay) Jacobus, Jr.

Project No. 220228-2

Re: Construction Cost Estimate
Landslides at Huntington Lake
Rankin County, Mississippi


Gentlemen:

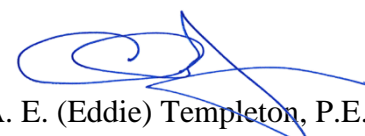
As requested, we have estimated quantities and construction costs for the proposed landslide and erosion repairs described in BCD Report No. 220228-1 dated September 9, 2022. The total estimated construction cost is \$343,400. This total includes a 15% contingency, which we typically apply to construction cost estimates for budgeting purposes to mitigate uncertainties and cost overrun risks. A detailed breakdown of our estimated quantities and costs is provided attached.

We appreciate the opportunity to be of service. If you should have any questions or comments concerning this estimate, please do not hesitate to contact us.

Very truly yours,

BURNS COOLEY DENNIS, INC.


Colleen M. Campbell, P.E.


A. E. (Eddie) Templeton, P.E.

CMC/AET/khb
Copy Submitted: (via e-mail)
Attachment

**CONSTRUCTION COST ESTIMATE
LANDSLIDES AT HUNTINGTON LAKE
RANKIN COUNTY, MS**

<u>DESCRIPTION</u>	<u>QUANTITY</u>	<u>UNIT</u>	<u>ESTIMATED UNIT COST</u>	<u>ESTIMATED COST</u>
1. Erosion and Sediment Control (E&SC)				
a. Silt Fence	450	LF	\$5.00	\$2,250
b. Wattles	450	LF	\$6.00	\$2,700
c. Aggregate	140	TON	\$36.00	\$5,040
d. Geotextile	180	SY	\$3.00	\$540
e. Plan Preparation	1	Lump Sum	\$2,500.00	\$2,500
2. Engineering Survey	1	Lump Sum	\$3,000.00	\$3,000
3. Ornamental Fence Removal & Re-Installation	265	LF	\$82.50	\$21,863
4. Timber Fence Removal & Replacement	55	LF	\$75.00	\$4,125
5. Pile Installation ⁽¹⁾ (33-HP12x53)	990	LF	\$135.00	\$133,650
6. Excess Excavation	765	CY	\$16.00	\$12,240
7. Soil Borrow	1796	CY	\$25.00	\$44,900
8. Riprap Removal, Stockpile & Replacement	100	TON	\$35.00	\$3,500
9. 6-in. Topsoil	400	CY	\$20.00	\$8,000
10. Sodding (Lawn Areas Only)	370	SY	\$8.00	\$2,960
11. Hydroseeding	1	ACRE	\$3,000.00	\$3,000
12. Remove E&SC after Construction	1	Lump Sum	\$2,500.00	\$2,500
			SUBTOTAL	\$252,768
13. Mobilization (10% Subtotal) ⁽¹⁾	1			\$11,912
14. Engineering Support ⁽²⁾	1	Lump Sum	\$15,000.00	\$15,000
15. Construction Monitoring ⁽³⁾	21	DAY	\$900.00	\$18,900
			ESTIMATED TOTAL COST	\$298,579
16. Contingency (15% of Estimated Total)	1			\$44,787
			ESTIMATED TOTAL COST WITH 15% CONTINGENCY	\$343,366

Notes:

⁽¹⁾ Mobilization of pile driving equipment included in pile installation costs.

Mobilization of contractor's equipment is 10% of subtotal less pile installation equipment mobilization.

⁽²⁾ Preparation of construction plans and technical specifications, construction bid documents, notice to bidders, and contractor selection support, etc.

⁽³⁾ Part-time engineering technician and construction monitoring with vibration monitoring and soil compaction testing.