


Department of Engineering
Dan Gaillet, P.E., County Engineer

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MEMORANDUM

January 30, 2018

To: Sheila Jones, Supervisor, District I
Trey Baxter, Supervisor, District II
Gerald Steen, Supervisor, District III
David Bishop, Supervisor, District IV
Paul Griffin, Supervisor, District V

From: Dan Gaillet, P.E. 
County Engineer

Re: Tithelo Road Bridge Repair

The Engineering Department requests the Board authorize Madison County Road Department to issue Key, LLC a purchase order in the amount of \$219,436.40 for the repair of Tithelo Road Bridge (SA #45-105).

The Bridge was closed on January 16, 2018 by the Madison County Road Department as a result of the recommendation from the Mississippi Department of Transportation State Aid Division. Key, LLC is the board awarded term-bidder for Bridge Construction and Repair; therefore, no additional bidding is required for the project.

Tithelo Road 105

ITEM	SOURCE	UNIT	QUANTITY	UNIT COST	COST
Mobilization	Key, LLC	LS	1.00	\$ 8,250.00	\$ 8,250.00
Remove, Reset & Grout 19-foot abutment cap	Key, LLC	EA	1.00	\$ 3,450.00	\$ 3,450.00
Remove, Reset & Grout 19-foot intermediate cap	Key, LLC	EA	3.00	\$ 3,450.00	\$ 10,350.00
Remove, Reset & Grout 19-foot Precast Bridge Span	Key, LLC	SF	2,128.00	\$ 16.50	\$ 35,112.00
Furnish & Drive H Piling	Key, LLC	LF	1,280.00	\$ 63.00	\$ 80,640.00
Extract and Remove Timber Piles	Key, LLC	EA	21.00	\$ 2,315.00	\$ 48,615.00
Remove Timber Piles from job site	Key, LLC	EA	21.00	\$ 155.00	\$ 3,255.00
Excavation Work	Key, LLC	CY	50.00	\$ 17.35	\$ 867.50
Removal of Miscellaneous Material from job site	Key, LLC	TON	50.00	\$ 98.45	\$ 4,922.50
Furnish & Drive Test Pile	Key, LLC	EA	1.00	\$ 7,535.00	\$ 7,535.00
Furnish Rip-Rap In Place	Key, LLC	EA	150.00	\$ 81.15	\$ 12,172.50
Furnish & Install Timber Head Walls	Key, LLC	BF	1,980.00	\$ 2.155	\$ 4,266.90

TOTAL PROJECT COST = \$ 219,436.40

Key, LLC shall excavate for removal and replacement of abutments

Madison County to handle all backfill, subgrade and asphalt

Madison County to handle all Maintenance of Traffic

Madison County to handle all removal or relocation of powerlines & utilities in conflict with construction (per OSHA guidelines)

Quantity of pile is based on the following

Bent #1	5 ea (1 pile excluded for test pile)	50 lf	250 lf
Bent #2	5 ea	50 lf	250 lf
Bent #3	5 ea	50 lf	250 lf
Bent #4	5 ea	50 lf	250 lf
Bent #5	0 ea	50 lf	0 lf
Wings	8 ea	35 lf	280 lf
		Total	1280 lf