

Department of Engineering
Tim Bryan, P.E., County Engineer

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MEMORANDUM

January 29, 2020

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

From: Tim Bryan, P.E.
County Engineer

Re: Hart Road Bridge Repair

Hart Road bridge was closed on October 21, 2019 by the Madison County Road Department as a result of the recommendation from the Mississippi Department Transportation, State Aid Division.

The Engineering Department recommends that the Board authorize Madison County Road Department to issue Key, LLC a purchase order for the repair of Hart Road bridge (SA #45-081). Key, LLC is the board awarded term-bidder for Bridge Construction and Repair; therefore, no additional bidding is required for the project.

Hart Road

ITEM	SOURCE	UNIT	QUANTITY	UNIT COST	COST
Mobilization	Key, LLC	LS	1.00	\$ 8,115.00	\$ 8,115.00
Remove, Reset & Grout 19-foot abutment cap	Key, LLC	EA	2.00	\$ 3,450.00	\$ 6,900.00
Remove, Reset & Grout 19-foot intermediate cap	Key, LLC	EA	1.00	\$ 3,450.00	\$ 3,450.00
Remove, Reset & Grout 19-foot Precast Bridge Span	Key, LLC	SF	1,064.00	\$ 16.50	\$ 17,556.00
Furnish & Drive H Piling	Key, LLC	LF	940.00	\$ 93.00	\$ 87,420.00
Extract and Dispose of Piles	Key, LLC	EA	15.00	\$ 1,000.00	\$ 15,000.00
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
Removal of Asphalt Pavement from Bridge Deck	Key, LLC	SY	118.22	\$ 32.55	\$ 3,848.13
Furnish & Drive Test Pile	Key, LLC	EA	1.00	\$ 7,550.00	\$ 7,550.00
Furnish Rip-Rap In Place	Key, LLC	EA	50.00	\$ 81.15	\$ 4,057.50
Furnish & Install Timber Head Walls	Key, LLC	BF	2,520.00	\$ 2.155	\$ 5,430.60

TOTAL PROJECT COST = \$ 165,117.23

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	4 ea (1 pile excluded for test pile)	50 lf	200 lf
Bent #2	5 ea	50 lf	250 lf
Bent #3	5 ea	50 lf	250 lf
Wings	8 ea	30 lf	240 lf
		Total	940 lf