

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

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MEMORANDUM

May 15, 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: Kearney Park Road Bridge Repair

The Engineering Department requests the Board authorize the use of General Fund money to finance the repair of Kearney Park Road Bridge and the Madison County Purchase Clerk to issue Key, LLC, a purchase order in the amount of \$245,488.50 for the repair.

The Bridge was closed on March 29, 2018 by the Madison County Road Department. Key, LLC, is the board awarded term-bidder for Bridge Construction and Repair; therefore, no additional bidding is required for the project.

Kearney Park Road

| 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 Precast Bridge Span | Key, LLC | SF | 1,064.00 | \$ 16.50 | \$ 17,556.00 |
| Furnish & Drive H Piling | Key, LLC | LF | 260.00 | \$ 63.00 | \$ 16,380.00 |
| Extract and Remove Piles | Key, LLC | EA | 5.00 | \$ 2,315.00 | \$ 11,575.00 |
| Remove Piles from job site | Key, LLC | EA | 5.00 | \$ 155.00 | \$ 775.00 |
| Excavation Work | Key, LLC | CY | 3,000.00 | \$ 17.35 | \$ 52,050.00 |
| Install Borrow Material (LVM) County Furnished | Key, LLC | CY | 3,000.00 | \$ 12.45 | \$ 37,350.00 |
| Removal of Miscellaneous Material | Key, LLC | TON | 350.00 | \$ 98.45 | \$ 34,457.50 |
| Furnish & Drive Test Pile | Key, LLC | EA | 1.00 | \$ 7,535.00 | \$ 7,535.00 |
| Furnish Rip-Rap In Place | Key, LLC | TON | 550.00 | \$ 81.15 | \$ 44,632.50 |
| Type V Geotextile Fabric | Key, LLC | SY | 675.00 | \$ 4.90 | \$ 3,307.50 |
| Str Steel Cross Bracing | Key, LLC | LBS | 1,200.00 | \$ 5.40 | \$ 6,480.00 |
| Install Concrete Abutment Wings | Key, LLC | EA | 2.00 | \$ 845.00 | \$ 1,690.00 |

TOTAL PROJECT COST = \$ 245,488.50

Key, LLC shall excavate for removal and replacement of abutments

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)

Excavation work is for purposes of accessing site, remove, haul & dispose is not included
All material excavated will be left onsite and graded to drain

Removal of miscellaneous materials is based on debris being burned onsite

Excavation, Borrow and Riprap to be paid per actual quantity installed

Quantity of pile is based on the following

| | | | |
|---------|--------------------------------------|-------|--------|
| Bent #1 | 4 ea (1 pile excluded for test pile) | 65 lf | 260 lf |
| | | Total | 260 lf |