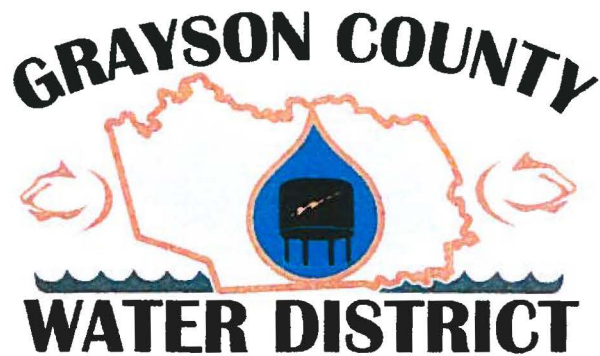
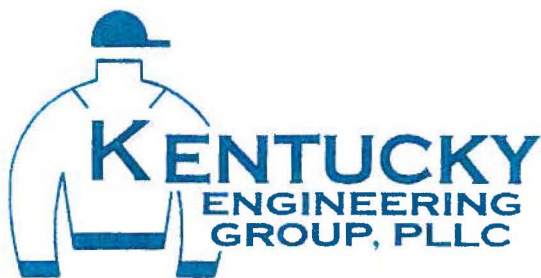


**FINAL ENGINEERING REPORT**  
**East - West Interconnect Project**  
**Phase 2 - Contract No. 4 Salt River**  
**Water Pumping Station**



**Grayson County Water District**  
Leitchfield, Kentucky



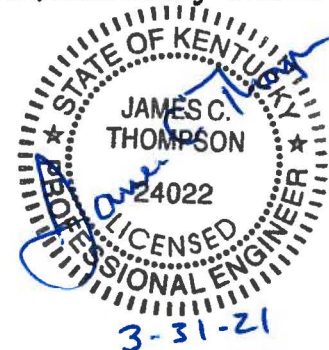
**Kentucky Engineering Group, PLLC**

**P.O. Box 1034**

**Versailles, Kentucky 40383**

**MARCH 2021**

**KEG Project No. 19019**



# Grayson County Water District Salt River Pump Station Replacement Final Engineering Report



## I. SUMMARY

The Grayson County Water District (GCWD) was formed by a group of visionaries with the idea of safe affordable drinking water for the rural areas of Grayson County in 1969. Fiscal Court passed a resolution officially creating the Grayson County Water District and in 1974 the district began providing water to the county.

The proposed project consists of replacement of the Salt River Pump Station.

## II. PROPOSED PROJECT

The proposed project consists of

- Replacement of the Salt River pump station and installation of VFD's. Relocating the entire facility to an above ground structure with larger motors; allowing the GCWD to pump more water more efficiently.

## III. PROJECT BUDGET AND FINANCING

The project was advertised for construction bids on February 25, 2021 with the bid opening on March 17, 2021. There were four bidders on Contract 4 – Salt River Pump Station Replacement.

The low bidder on Contract 4 was Bobby Luttrell & Sons, LLC of Dundee, Kentucky with a low bid of \$457,550.00. Kentucky Engineering Group, PLLC has worked with Bobby Luttrell & Sons on previous projects and has found them to be a responsible and responsive bidder and contractor. Therefore, a letter of recommendation will be provided to the Grayson County Water District.

The District is also electing to accept the bid add alternate which is asphalt paving of the entrance to the Salt River Pump Station and inside the fenced area. This will add \$9,000 to the total construction cost bringing the total construction cost to \$466,550.00.

A copy of the certified bid tabulation is attached at the end of this report.

The funding available for the project consists of the following source:

Rural Development Loan, original	\$568,000
<b>Total</b>	<b>\$568,000</b>

# Grayson County Water District Salt River Pump Station Replacement Final Engineering Report



The revised budget for the project is as follows:

Legal	\$5,000
Engineering	\$89,090
Construction	\$466,550
Contingencies	<u>\$7,360</u>
TOTAL:	\$568,000

It is the recommendation of Kentucky Engineering Group, PLLC to proceed to the construction phase of this project after submittal of Rural Development post bid documents and proceed with the pre-closing and pre-construction conferences.

## IV. PROPOSED PROJECT SCHEDULE

The proposed project schedule is:

1. Contract Award	3/22/2021
2. PSC Submission	4/29/2021
3. Pre-Closing	5/31/2021
4. Initiate Construction	6/14/2021
5. Substantial Completion	12/14/2021
6. Final Completion / Initiation of Operation	01/14/2022