

**LEVEE ROAD WATER ASSOCIATION**  
***WATER SYSTEM IMPROVEMENTS***  
***FINAL ENGINEERING REPORT***



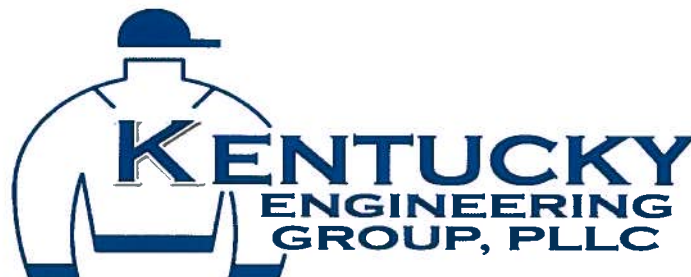
***LEVEE ROAD WATER ASSOCIATION***

***4969 Levee Road***

***P.O. Box 770***

***Mt. Sterling, KY 40353***

***January 2021***



# LEVEE ROAD WATER ASSOCIATION FINAL ENGINEERING REPORT WATER SYSTEM IMPROVEMENTS

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## I. GENERAL

The Levee Road Water Association (LRWA) was formed in the late 1970's. The existing system consists of approximately 39.6 miles of water lines with 2 functioning water storage tanks that serve approximately 852 customers in Montgomery and Powell County.

## II. PROJECT PLANNING AREA

### *A. Location*

The LRWA is located in Central Kentucky in Montgomery County. The LRWA serves the area South of the City of Mount Sterling in Montgomery County as well as a small section of Powell County. A map of the LRWA's service area is located at the end of this report.

The topography of the LRWA service area is a dissected upland with a gently rolling to hilly topography. The topography becomes more rugged towards the southern reaches of the LRWA service area. A relatively flat, meadow occupies part of central service area running along U.S. 11. The majority of the LRWA service area is prone to Karst conditions except the southern reaches.

### *B. Environmental Resources*

The major environmental features in the area are primarily gently rolling to hilly terrain. The gradual undulating terrain is the reason for a relatively few number of water storage tanks and pump stations. Water pressures range from 45 psi to over 135 psi in sections of the system. Many of the hollows are in floodplains in particular along the Hog Creek. No known historic sites are noted in the planning area.

### *C. Growth Areas and Population Trends*

A quick review of the census information shows a fairly significant increase in the population over the next twenty years. Since the establishment of the LRWA the population of Montgomery County has continued to grow. The population projections for Montgomery County are shown below.

	<u>2010</u>	<u>2020</u>	<u>2030</u>	<u>2040</u>	<u>2050</u>
Population	26,449	29,421	33,051	36,571	39,941

### **III. EXISTING FACILITIES**

#### ***A. Location Map***

A map of the county showing the extent of the water system is located at the end of this report.

#### ***B. History***

The LRWA system was originally built in the late 1970's. The LRWA purchases its water from the City of Mount Sterling, however portions of the proposed project would allow purchasing water from Jeffersonville in case of emergency. Numerous water line extension projects have been developed over the past 40 years to establish the current LRWA customer base.

#### ***C. Condition of Facilities***

LRWA currently purchases an average of 131,000 gallons a day from the City of Mount Sterling. The system is in good to fair condition and work continues to improve the older sections of the LRWA system.

Several of the original transmission watermains that connect to the City of Mount Sterling water system and transport the majority of the LRWA water suffer from improper installation. Failure to properly bed the lines during initial installation has caused stresses to occur within the pipe that have caused reoccurring failures of lines in various points. LRWA bears a significant expense in materials and manpower fixing these failures as well as a disproportionate amount of the system wide water loss

#### ***D. Financial Status***

Annual audits will be submitted to Rural Development as required by the RD bond issue. A customer breakdown will be provided in the Summary Addendum.

As with the majority of utilities across the country, the LRWA has seen its operating expenses rise over the past several years. Fuel and health insurance are the expenses that have seen the largest increase. Because the LRWA covers a vast geographic area, the fuel cost has had a tremendous impact on cash flow.

### **IV. NEED FOR THE PROJECT**

#### ***A. Health and Safety***

The proposed project to upgrade the transmission mains, providing flushing hydrants, providing a new Chlorine Booster Station, and repairs to the Mckee Storage Tank will help to improve overall water quality while reducing water loss. There are several dead-end

lines within the LRWA water system. Regular flushing of these lines can help improve water quality in these areas. The installation of a Chlorine Booster Station will provide proper chlorine residual for disinfection. Additionally, the installation of a connection to the Jeffersonville water system will help improve the overall reliability of the system and provide alternatives for service during emergency outages.

The proposed project will help to improve the overall service from a water quality and reliability standpoint to the LRWA customers.

### ***B. System O&M***

Upgrading transmission mains, replacing creek crossings, and repairs to both water storage tanks will reduce the amount of operation and maintenance budget required for the LRWA system. It will also reduce water loss in the LRWA distribution system.

## **V. ALTERNATIVES CONSIDERED**

The only alternatives considered for the project was to complete the project in several phases. Each item within this project is vital to maintaining the overall health and operation of the LRWA system for the foreseeable future.

## **VI. PROPOSED ALTERNATIVE**

The proposed project centers around replacing older sections of the transmission mains that serve as the backbone of the LRWA system and providing additional operational flexibility. The main sections were installed with improper bedding causing stresses to build over time which cause numerous leaks within the sections of these pipes. Due to the location of these lines within the system and lack of adequate valving, any shutdowns for repairs can have a large effect upon the system. The project will replace approximately thirty-seven hundred feet of water main and an approximate 700 LF of creek crossings in various locations. Additionally, the project will include the installation of new meter setters and radio read meters to help reduce water loss. These sections of line as well as the aging meters are thought to account for a disproportionate volume of water loss. The project will also include the addition of ten (10) gate valves at strategic locations and a connection to the City of Jeffersonville's Water System to increase the operational flexibility during inevitable shutdowns for repairs.

A second part of this project is to rehabilitate the two tanks within the Levee Road Water System. The McKee Water Storage Tank and access road have reached a point of disrepair that rehabilitation of the complete tank, site, and road are necessary. Rehabilitation is a normal part of the tank life cycle however if delayed for too long, tank failure can become a potential. Additionally, modifications at the Oldham Road Tank Site and valving will be completed to reduce pressure spikes seen within the distribution system during cycling and maintain proper operation.

The project will also include one (1) new Chlorine booster station, twelve (12) new flush hydrants, four (4) new Auto-Flush Units, and two (2) new fire hydrants. The minimum residual per state regulations is 0.2 mg/l. During warm weather an excessive amount of flushing is required to maintain the required residual within the system. LRWA is limited by their staff size to complete all necessary flushing while still completing normal O&M. This new Chlorine booster station will provide the required residual in the outermost regions of the service area regardless of weather with proper flushing and the addition of new auto-flush units, flush hydrants, and fire hydrants will allow LRWA staff to complete this flushing while still completing other necessary O&M requirements to properly maintain the system.

Lastly, the project will include purchasing property for a new building and garage for the LRWA office. The LRWA currently rents a building along Rt. 11. The new office building will allow the LRWA a permanent place with proper facilities to operate a water system as well as provide ADA compliance.

Each of the items listed above will help to improve the overall service from a water quality and reliability standpoint to the LRWA customers.

A summary of the proposed project is as follows:

	Descriptions	Quantity
Miscellaneous Work Within the system	New Auto-flush Units	4
	New Flush Hydrants	12
	New Gate Valves	9
	New Radio Read Meters	850+
	New Fire hydrant	2
	Replace Creek Crossing by Directional Bore	6
	New Building and Garage	1
	New Chlorine Booster Station	1
	Connection to the City of Jeffersonville Water System	1

		Approximate Year in Service	Approximate Age
Rehabilitation of water storage tanks	Oldham Road	1986	33
	Mckee	2007	12
Rehabilitation of Pressure Reducing Stations	Cream Alley	1986	33
	Kiddville Rd	1997	22

The total project cost is shown on the detailed engineer estimate located at the end of the report.

It is expected that the LRWA will institute a rate increase with this project. The proposed rates and additional financial data will be presented in the Summary Addendum to the Preliminary Engineering Report that follows this report.

## **VII.PROJECT BUDGET AND FINANCING**

The project was advertised for Construction bids on October 5<sup>th</sup>, 2020 with a bid opening of November 4<sup>th</sup>, 2020. There were three bidders on Contract 1– Water Main Improvements and one bidder on Contract 3 – Tank Rehabilitation. There were no bidders on Contract 2 – Office Building. Contract 2 was re-advertised on November 12<sup>th</sup>, 2020 with bid opening of November 19<sup>th</sup>, 2020. There were 4 bidders on Contract 2 – Office Building however the owner elected to reject all bidders due to being significantly over budget. The scope of Contract 2 was altered, and quotes requested from 6 contractors utilizing the short forms for construction contract.

The low bidder on Contract 1 – Water Main Improvements was AGrade Construction, Inc. of Elkhorn City, Kentucky with a low bid of \$554,373.00. Kentucky Engineering Group has worked AGrade Construction, Inc and has found them to be a responsible and responsive bidder and contractor. Therefore, a letter of recommendation was provided to the Association.

The low quotes on Contract 2 – Office Building was Allen Construction, LLC of West Liberty Kentucky with a low quote of \$244,400.0. Kentucky engineering group reviewed bidder references and has found them to be a responsible and responsive bidder and contractor therefore, a letter of recommendation was provided to the Association.

The low bidder on Contract 3 – Tank Rehabilitation was Currens Construction Services, LLC. Harrodsburg, Kentucky with a low bid of 253,700.00. Kentucky Engineering Group has worked with Currens Construction Services, LLC and has found them to be a responsible and responsive bidder and contractor. Therefore, a letter of recommendation was provided to the Association.

Contract 1 was below the engineers estimate for the project, however Contract 2 and Contract 3 were above. As a result, the association has elected to change order the roadway and site improvements from Contract 3 out of the scope of work and into Contract 1.

The funding available for the project consists of the following source

Rural Development	\$1,300,000
<b>Total</b>	<b>\$1,300,000</b>

The revised budget for the project is as follows

Legal and Administrative	\$10,000.00
Land and Rights	\$120,000.00
Geotechnical & Surveying	\$8,500.00
Preliminary Engineering Report	\$20,000.00
Environmental	\$5,000.00
Rate Study	\$10,000.00
Basic Engineering Services	\$74,700.00
Construction Inspection	\$48,600
AIS Certifications	\$7,500
Construction – Contract 1	\$554,373.00
Construction – Contract 2	\$244,400
Construction – Contract 3	\$253,700.00
Change Order No. 1 – Contract 1	\$61,360
Change Order No. 1 – Contract 3	-\$205,100
Contingencies (8.45%)	\$86,967
<b>Total</b>	<b>\$1,300,000</b>

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.

## VIII PROPOSED PROJECT SCHEDULE

The proposed project schedule is:

1. Contract Award/Initiate Construction – March 2021
2. Substantial Completion – September 2021
3. Final Completion/Initiation of Operation –October 2021

**ATTACHMENTS:**

1. Rate Summary
2. Letter of Recommendations w/ Bid Tabulations – Contracts 1, 2, and 3



## NOTICE OF PROPOSED RATE CHANGE

In accordance with the requirements of the Kentucky Public Service Commission ("PSC") as set out in 807 KAR 5:069, Section 3, notice is hereby given to the customers of the Levee Road Water Association ("Association") of a change in water rates for users of the Association's water system. The changes in water rates are required by the U.S. Department of Agriculture, acting through Rural Development ("RD") in connection with a loan by RD to the Association in the principal amount of \$1,050,000 to be evidenced by the issuance by the Association of its waterworks revenue bonds in such amount, which RD has agreed to purchase provided the Association meets certain conditions of RD, including revising the water rates as set forth below:

### Current Monthly Water Rates

<u>5/8 x 3/4 Inch Meter</u>	<u>Monthly Rate</u>
First 1,000 gallons	\$11.45 Minimum
Next 2,000 gallons	\$5.05 Per 1,000 gallons
Next 3,000 gallons	\$4.35 Per 1,000 gallons
Next 19,000 gallons	\$3.60 Per 1,000 gallons
Next 25,000 gallons	\$3.25 Per 1,000 gallons
All Over 50,000 gallons	\$2.95 Per 1,000 gallons
Commercial Hauler	\$5.33 Per 1,000 gallons
Any individual with private loading unit	\$5.33 Per 1,000 gallons
All water purchased from water coin vendor	\$5.33 Per 1,000 gallons
Leak adjustment rate ( Mt Sterling wholesale rate plus 10%)	\$3.49 Per 1,000 gallons

### Proposed Monthly Water Rates

<u>Meter</u>	<u>Monthly Rate</u>
First 2,000 gallons	\$23.25 Minimum
Next 5,000 gallons	\$8.00 Per 1,000 gallons
Next 13,000 gallons	\$6.00 Per 1,000 gallons
All Over 20,000 gallons	\$5.50 Per 1,000 gallons
Leak adjustment rate ( Mt Sterling wholesale rate plus 10%)	\$3.49 Per 1,000 gallons

Customer Class	Average Monthly Usage Per Customer (Gallons)	Average Monthly Bill (Present Rates)	Average Monthly Bill (Proposed Rates)	Increase in Average Monthly Bill (\$)	Increase in Average Monthly Bill (%)
5/8" x 3/4" Meter	4,015	\$21.62	\$39.37	\$17.75	82.1%

The proposed monthly water rates shall be effective for water sold after the date of the final approving Order of the PSC, which Order is expected to be issued no later than 30 days of the filing of the Application. The Application for approval of the rate change has been filed with the PSC and may be examined during normal business hours at the following locations: (i) Levee Road Water Association Office, 4969 Levee Road Mt. Sterling, KY 40353; (ii) PSC, 211 Sower Boulevard, Frankfort, Kentucky, Monday through Friday, 8:00 a.m. to 4:30 p.m., E.T.; and (iii) via the PSC website at <http://psc.ky.gov>. Comments regarding the Application may be submitted to the PSC via its website or by mail to PSC, P.O. Box 615, Frankfort, Kentucky 40602.

The proposed rates are required under the terms of an agreement between the Association and RD and KRS 278.023 does not grant the PSC any discretionary authority to modify or reject any portion of the agreement between the Association and RD, or to defer the issuance of all necessary orders to implement the terms of the agreement. The RD loan proceeds will be used to finance the costs of the (i) installation of approximately 3,700 linear feet of 6 inch water main improvements, replacement of customer's meters, installation of 19 hydrants, 9 valves, and associated appurtenances; (ii) purchase and renovation of a garage building for a new business office and installation of a chlorine booster station, (iii) rehabilitation of an existing ground water storage tank and access road. With additional funds remaining the District will undertake the following improvements: (i) replacement of service tubing, meter boxes control valves, and purchase office equipment.

Signed: Artie Gibson, Chairman, Levee Road Water Association.



January 8, 2021

Mr. Artie Gibson, Chairman  
Levee Road Water Association  
4969 Levee Road  
Mt. Sterling, KY 40353

RE: Recommendation of Award  
Contract No. 1 - Water Main Improvements  
KEG Project No. 19002

Dear Mr. Gibson:

Bids for the above referenced projects were opened Wednesday, November 4, 2020 at 2:00 pm local time. Three (3) bidders submitted. The low bidder for Contract No. 1 was A Grade Construction Inc. of Elkhorn City, KY with a bid of \$554,373.00.

Upon review of the bid documents and references submitted, Kentucky Engineering Group, PLLC would recommend to the Levee Road Water Association that A Grade Construction be awarded Contract No. 1 with the inclusion of an additive change order which includes the addition of a tank access road, chemical feed system, and site work at the proposed office building.

Enclosed is the bid tabulation.

If you have any questions or need additional information, please contact me at your convenience.

Sincerely,

KENTUCKY ENGINEERING GROUP, PLLC

Mark Upton P.E.  
Project Engineer

P.O. Box 1034  
Versailles, Kentucky 40383  
Phone: (859) 251.4127  
Fax: (859) 251.4137  
Email: [info@kyengr.com](mailto:info@kyengr.com)  
[www.kyengr.com](http://www.kyengr.com)



## BID TABULATION

Water System Improvements Contract 1 Water Main Improvements  
 Levee Road Water Association  
 Montgomery County, KY  
 KEG Project No. 19002  
 BID OPENING: Wednesday, November 4, 2020, 2:00 pm Local Time

Item No.	Description	Quantity	Unit	A Grade Construction Elkhorn City, Kentucky		Akins Corbin, Kentucky		Frederick and May West Liberty, Kentucky	
				\$ / Unit	Bid Amount	\$ / Unit	Bid Amount	\$ / Unit	Bid Amount
	BASE BID								
1	6-inch Water Main, PVC Pipe, Class 200, SDR 18 with all appurtenances and fittings.	3,700	LF	\$12.85	\$47,545.00	\$23.00	\$85,100.00	\$27.00	\$99,900.00
2	4-inch Water Main, PVC Pipe, Class 200, SDR 18 with all appurtenances and fittings	175	LF	\$9.00	\$1,575.00	\$20.00	\$3,500.00	\$26.00	\$4,550.00
3	Directional Bore Number 1 Complete in Place	1	LS	\$11,000.00	\$11,000.00	\$6,725.00	\$6,725.00	\$8,500.00	\$8,500.00
4	Directional Bore Number 2 Complete in Place	1	LS	\$7,800.00	\$7,800.00	\$5,800.00	\$5,800.00	\$6,000.00	\$6,000.00
5	Directional Bore Number 3 Complete in Place	1	LS	\$13,625.00	\$13,625.00	\$8,465.00	\$8,465.00	\$9,000.00	\$9,000.00
6	Directional Bore Number 4 Complete in Place	1	LS	\$32,500.00	\$32,500.00	\$11,900.00	\$11,900.00	\$25,000.00	\$25,000.00
7	Directional Bore Number 5 Complete in Place	1	LS	\$11,000.00	\$11,000.00	\$6,725.00	\$6,725.00	\$8,000.00	\$8,000.00
8	Directional Bore Number 6 Complete in Place	1	LS	\$12,200.00	\$12,200.00	\$8,465.00	\$8,465.00	\$6,500.00	\$6,500.00
9	Directional Bore Number 7 Complete in Place	1	LS	\$20,375.00	\$20,375.00	\$11,755.00	\$11,755.00	\$20,000.00	\$20,000.00
10	4-inch Gate Valve and Box. Complete In Place.	4	EA	\$1,581.00	\$6,324.00	\$2,000.00	\$8,000.00	\$2,100.00	\$8,400.00
11	3-inch Gate Valve and Box. Complete In Place.	5	EA	\$1,519.00	\$7,595.00	\$1,855.00	\$9,275.00	\$2,000.00	\$10,000.00
12	6-inch Wet Tap Connection to Existing Water Main, Including Tapping Sleeve and Valve, Complete In Place	2	EA	\$6,800.00	\$13,600.00	\$2,955.00	\$5,910.00	\$3,800.00	\$7,600.00
13	4" Dry Connection	2	EA	\$750.00	\$1,500.00	\$1,075.00	\$2,150.00	\$2,200.00	\$4,400.00
14	Pumper Truck Hydrant Assembly, Complete In Place	3	EA	\$4,600.00	\$13,800.00	\$4,945.00	\$14,835.00	\$5,800.00	\$17,400.00
15	Auto-Flushing Hydrant Assembly, Complete In Place	4	EA	\$4,500.00	\$18,000.00	\$5,870.00	\$23,480.00	\$6,800.00	\$27,200.00
16	Blowoff Assembly, Complete In Place	12	EA	\$3,100.00	\$37,200.00	\$2,825.00	\$33,900.00	\$3,715.00	\$44,580.00
17	Reconnect Existing Meter to New Main, with New Service Line, Complete In Place	11	EA	\$750.00	\$8,250.00	\$970.00	\$10,670.00	\$600.00	\$6,600.00
18	Cut and Plug Existing Water Main 6", Complete In Place	2	EA	\$800.00	\$1,600.00	\$1,370.00	\$2,740.00	\$1,400.00	\$2,800.00
19	Rehabilitate Cream Alley Control Vault	1	LS	\$4,645.00	\$4,645.00	\$9,410.00	\$9,410.00	\$7,500.00	\$7,500.00
20	Rehabilitate Kiddville Road PRV Station	1	LS	\$5,310.00	\$5,310.00	\$9,340.00	\$9,340.00	\$12,500.00	\$12,500.00
21	New Master Meter Vault	1	LS	\$27,805.00	\$27,805.00	\$29,345.00	\$29,345.00	\$25,000.00	\$25,000.00
22	5/8 x 3/4" Ultrasonic Meter	800	EA	\$211.38	\$169,104.00	\$245.00	\$196,000.00	\$240.00	\$192,000.00
23	1" Ultrasonic Meter	50	EA	\$346.00	\$17,300.00	\$445.00	\$22,250.00	\$500.00	\$25,000.00
24	2" Ultrasonic Meter	2	EA	\$845.00	\$1,690.00	\$1,935.00	\$3,870.00	\$3,500.00	\$7,000.00
25	Meter Reading Package	1	LS	\$23,100.00	\$23,100.00	\$14,410.00	\$14,410.00	\$25,000.00	\$25,000.00
26	Install New Meter in Existing Box	850	EA	\$8.00	\$6,800.00	\$40.00	\$34,000.00	\$50.00	\$42,500.00
27	Replace Existing Meter 5/8x3/4	10	EA	\$8.00	\$80.00	\$730.00	\$7,300.00	\$100.00	\$1,000.00



### BID TABULATION

Water System Improvements Contract 1 Water Main Improvements  
 Levee Road Water Association  
 Montgomery County, KY  
 KEG Project No. 19002  
 BID OPENING: Wednesday, November 4, 2020, 2:00 pm Local Time

28	Replace Existing Meter 1"	10	EA	\$10.00	\$100.00	\$895.00	\$8,950.00	\$150.00	\$1,500.00
29	Reconnect Existing Meter to New Main, with New Service Line, Complete In Place	10	EA	\$500.00	\$5,000.00	\$590.00	\$5,900.00	\$450.00	\$4,500.00
30	Reconnect Existing Meter to Existing Main, with New Service Line, Complete In Place	10	EA	\$500.00	\$5,000.00	\$1,150.00	\$11,500.00	\$500.00	\$5,000.00
31	New Service Tubing	400	LF	\$8.00	\$3,200.00	\$12.00	\$4,800.00	\$22.00	\$8,800.00
32	Replace Existing Meter Box	50	EA	\$175.00	\$8,750.00	\$355.00	\$17,750.00	\$350.00	\$17,500.00
33	Directional Bore Number 8 Complete in Place	1	LS	\$11,000.00	\$11,000.00	\$6,724.00	\$6,724.00	\$8,000.00	\$8,000.00
<b>Total Base Bid</b>						\$554,373.00	\$640,944.00		\$699,230.00

**\*Numbers in Red indicate errors in Contractor's Bid Amount Calculations**

I certify that this is true and accurate tabulation of the bids.

The above is a true and complete tabulation of the bids received at 2:00 P.M. local time, Wednesday, November 4, 2020 at 4969 Levee Road Mt. Sterling, Kentucky.

KENTUCKY ENGINEERING GROUP, PLLC

By:

Mark A. Upton, P.E.  
 Project Manager





January 8, 2021

Mr. Artie Gibson, Chairman  
Levee Road Water Association  
4969 Levee Road  
Mt. Sterling, KY 40353

RE: Recommendation of Award  
Contract No. 2 - Office Building  
KEG Project No. 19002

Dear Mr. Gibson:

Quotes for the above referenced projects were opened Thursday, January 7, 2021 at 4:00 pm local time. The low quote for Contract No. 2 was Allen Construction Inc. of West Liberty, KY with a quote of \$244,400.00.

Upon review of the bid documents and references submitted, Kentucky Engineering Group, PLLC would recommend to the Levee Road Water Association that Allen Construction Inc. be awarded Contract No. 2.

Enclosed is the bid tabulation.

If you have any questions or need additional information, please contact me at your convenience.

Sincerely,

KENTUCKY ENGINEERING GROUP, PLLC

Mark Upton P.E.  
Project Engineer

P.O. Box 1034  
Versailles, Kentucky 40383  
Phone: (859) 251.4127  
Fax: (859) 251.4137  
Email: info@kyengr.com  
www.kyengr.com



## BID TABULATION

Water System Improvements Contract 2 Office Building  
 Levee Road Water Association  
 Montgomery County, KY  
 KEG Project No. 19002  
 BID OPENING: Thursday, January 7, 2021, 4:00 pm Local Time

Item No.	Description BASE BID	Quantity	Unit	Allen Construction, LLC West Liberty, KY		Omni Commercial, LLC Lexington, KY	
				\$ / Unit	Bid Amount	\$ / Unit	Bid Amount
1	Office Building Modifications	1	LS	\$244,400.00	\$244,400.00	\$268,800.00	\$268,800.00
<b>Total Base Bid</b>					<b>\$244,400.00</b>		<b>\$268,800.00</b>

**\*Numbers in Red indicate errors in Contractor's Bid Amount Calculations**

I certify that this is true and accurate tabulation of the quotes.  
 The above is a true and complete tabulation of the quotes received at 4:00 P.M. local time, Thursday, January 7, 2021  
 at 4969 Levee Road Mt. Sterling, Kentucky.

KENTUCKY ENGINEERING GROUP, PLLC

By: 

Mark A. Upton, P.E.  
 Project Manager





January 8, 2021

Mr. Artie Gibson, Chairman  
Levee Road Water Association  
4969 Levee Road  
Mt. Sterling, KY 40353

RE: Recommendation of Award  
Contract No. 3 – Tank Rehabilitation  
KEG Project No. 19002

Dear Mr. Gibson:

Quotes for the above referenced projects were opened Wednesday, November 4, 2020 at 2:00 pm local time. One (1) bidder submitted. The low bidder for Contract No. 3 was Currens Construction Services, LLC. of Harrodsburg, KY with a quote of \$253,700.00.

Upon review of the bid documents and references submitted, Kentucky Engineering Group, PLLC would recommend to the Levee Road Water Association that Currens Construction Services, LLC be awarded Contract No. 3 with the inclusion of a deductive Change Order of \$205,100.00 which includes the tank access road and site work at Oldham tank.

Enclosed is the bid tabulation.

If you have any questions or need additional information, please contact me at your convenience.

Sincerely,

KENTUCKY ENGINEERING GROUP, PLLC

Mark Upton P.E.  
Project Engineer

P.O. Box 1034  
Versailles, Kentucky 40383  
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Email: [info@kyengr.com](mailto:info@kyengr.com)  
[www.kyengr.com](http://www.kyengr.com)





### BID TABULATION

Water System Improvements Contract 3 Tank Rehabilitation  
 Levee Road Water Association  
 Montgomery County, KY  
 KEG Project No. 19002  
 BID OPENING: Wednesday, November 4, 2020, 2:00 pm Local Time

				Currens Construction Services, LLC Harrodsburg, KY	
Item No.	Description	Quantity	Unit	\$ / Unit	Bid Amount
<b>BASE BID</b>					
1	Rehabilitate Mckee Water Storage Tank	1	LS	\$48,600.00	\$48,600.00
2	Mckee Storage Tank access road improvements	4800	LF	\$40.75	\$195,600.00
3	Oldham Water Storage Tank Site Improvements	1	LS	\$9,500.00	\$9,500.00
<b>Total Base Bid</b>					<b>\$253,700.00</b>

**\*Numbers in Red indicate errors in Contractor's Bid Amount Calculations**

I certify that this is true and accurate tabulation of the bids.

The above is a true and complete tabulation of the bids received at 2:00 P.M. local time, Wednesday, November 4, 2020 at 4969 Levee Road Mt. Sterling, Kentucky.

KENTUCKY ENGINEERING GROUP, PLLC

By:

Mark A. Upton, P.E.  
 Project Manager

