



October 2, 2024

Mr. Daryl Morefield  
City of Fairhope  
555 South Section Street  
Fairhope, AL 36532

Re: Bid No. 24-058 Fairhope Water System Test Well Project – Recommendation Letter  
Contract No. 23040.3

Dear Daryl:

Two (2) bids were received for the above-referenced project at 9:30 A.M., CDT, on August 7, 2024. The order of the bids received, beginning with the low bidder, was as follows:

Contractor	Option No. 1
Morrow Water Technologies	\$1,224,542.00
J & P Construction Co., Inc.	\$1,711,380.00

Morrow Water Technologies submitted the bid received for the low tendered amount of One Million, Two Hundred Twenty-Four Thousand, Five Hundred Forty-Two Dollars, and no cents (\$1,224,542.00). Attached is a copy of the certified bid tabulation and Morrow Water Technologies bid package for your records. Krebs has reviewed the bid and researched Morrow Water Technologies’ capabilities to perform the work. Based on this, Krebs recommends awarding the Fairhope Water System Test Well Project to Morrow Water Technologies for the amount listed above.

If you have any questions or comments, please contact us.

Sincerely yours,

Krebs Engineering, Inc.

By 

Caleb L. Leach, P.E.  
Associate

cc: Parker Foushee  
Krebs File No. 23040.3



BID NO.: 24-058

OWNER: City of Fairhope

KREBS JOB NO.: 23040.3

DATE: August 7, 2024 @ 9:30 AM, Local Time

PROJECT: Fairhope Water System Test Well Project

**NICHOLS TANK TEST WELL (TW-01)**

				Morrow Water Technologies 7440 Cahaba Valley Road, Birmingham, AL 35242		J & P Construction Co., Inc. 2550 39th Street, Tuscaloosa, AL 35405	
Item No.	Description of Item	Approximate Quantities	Unit	Unit Price	Total Price for Item	Unit Price	Total Price for Item
1	Mobilization/Demobilization (maximum of \$10,000)	Complete	LS	LS	\$10,000.00	LS	\$10,000.00
2	Drill 7-7/8-inch pilot bore and geophysically log to the aquifer and as described in the Request for Proposal.	200	LF	\$156.00	\$31,200.00	\$150.00	\$30,000.00
3	Drill 12-inch hole to accommodate 8-inch PVC nominal diameter casing for test well purposes and screen	200	LF	\$125.00	\$25,000.00	\$200.00	\$40,000.00
4	Furnished and Install 8-inch PVC casing	150	LF	\$69.00	\$10,350.00	\$100.00	\$15,000.00
5	Furnish and install PVC Screen, and gravel pack for 0.02 slot screen	50	LF	\$188.00	\$9,400.00	\$120.00	\$6,000.00
6	Take sample and perform sieve analysis	2	EA	\$940.00	\$1,880.00	\$1,000.00	\$2,000.00
7	Furnish and Install necessary Equipment for Well Development	Complete	LS	LS	\$18,750.00	LS	\$10,000.00
8	Set up, Preparations and Pumping well for Extended Capacity Test	Complete	LS	LS	\$47,000.00	LS	\$50,600.00
9	Surface Completion of Completed Test Well	1	EA	\$6,500.00	\$6,500.00	\$2,000.00	\$2,000.00
10	Grouting Surface Casing	150	LF	\$57.00	\$8,550.00	\$60.00	\$9,000.00
11	Water Quality Testing	Complete	LS	LS	\$4,500.00	LS	\$15,000.00
12	10% Contingency - (Summation of Items 1-11) x 0.10				\$17,313.00		\$18,960.00
<b>TOTAL AMOUNT OF NICHOLS TANK TEST WELL (TW-01)</b>					<b>\$190,443.00</b>		<b>\$208,560.00</b>

**WTP NO. 1 TEST WELL (TW-02)**

				Morrow Water Technologies 7440 Cahaba Valley Road, Birmingham, AL 35242		J & P Construction Co., Inc. 2550 39th Street, Tuscaloosa, AL 35405	
Item No.	Description of Item	Approximate Quantities	Unit	Unit Price	Total Price for Item	Unit Price	Total Price for Item
1	Mobilization/Demobilization (maximum of \$10,000)	Complete	LS	LS	\$10,000.00	LS	\$10,000.00
2	Drill 7-7/8-inch pilot bore and geophysically log to the aquifer and as described in the Request for Proposal.	300	LF	\$156.00	\$46,800.00	\$150.00	\$45,000.00
3	Drill 12-inch hole to accommodate 8-inch PVC nominal diameter casing for test well purposes and screen	300	LF	\$125.00	\$37,500.00	\$200.00	\$60,000.00
4	Furnished and Install 8-inch PVC casing	250	LF	\$69.00	\$17,250.00	\$100.00	\$25,000.00
5	Furnish and install PVC Screen, and gravel pack for 0.02 slot screen	50	LF	\$188.00	\$9,400.00	\$120.00	\$6,000.00
6	Take sample and perform sieve analysis	2	EA	\$940.00	\$1,880.00	\$1,000.00	\$2,000.00
7	Furnish and Install necessary Equipment for Well Development	Complete	LS	LS	\$18,750.00	LS	\$10,000.00
8	Set up, Preparations and Pumping well for Extended Capacity Test	Complete	LS	LS	\$47,000.00	LS	\$45,200.00
9	Surface Completion of Completed Test Well	1	EA	\$6,500.00	\$6,500.00	\$2,000.00	\$2,000.00
10	Grouting Surface Casing	250	LF	\$57.00	\$14,250.00	\$60.00	\$15,000.00
11	Water Quality Testing	Complete	LS	LS	\$4,500.00	LS	\$15,000.00
12	10% Contingency - (Summation of Items 1-11) x 0.10				\$21,383.00		\$23,520.00
<b>TOTAL AMOUNT OF WTP NO. 1 TEST WELL (TW-02)</b>					<b>\$235,213.00</b>		<b>\$258,720.00</b>

**COUNTY ROAD 32 TEST WELL (TW-03)**

**Morrow Water Technologies**  
**7440 Cahaba Valley Road,**  
**Birmingham, AL 35242**

**J & P Construction Co., Inc.**  
**2550 39th Street,**  
**Tuscaloosa, AL 35405**

Item No.	Description of Item	Approximate Quantities	Unit	Unit Price	Total Price for Item	Unit Price	Total Price for Item
1	Mobilization/Demobilization (maximum of \$10,000)	Complete	LS	LS	\$10,000.00	LS	\$10,000.00
2	Drill 7-7/8-inch pilot bore and geophysically log to the aquifer and as described in the Request for Proposal.	350	LF	\$156.00	\$54,600.00	\$120.00	\$42,000.00
3	Drill 12-inch hole to accommodate 8-inch PVC nominal diameter casing for test well purposes and screen	350	LF	\$125.00	\$43,750.00	\$200.00	\$70,000.00
4	Furnished and Install 8-inch PVC casing	300	LF	\$69.00	\$20,700.00	\$100.00	\$30,000.00
5	If required by crush pressure, drill 12-inch hole to accommodate 8-inch steel nominal diameter casing for test well purposes and screen	350	LF	\$50.00	\$17,500.00	\$500.00	\$175,000.00
6	If required by crush pressure, furnish and install 8-inch steel casing	300	LF	\$187.00	\$56,100.00	\$160.00	\$48,000.00
7	Furnish and install PVC Screen, and gravel pack for 0.02 slot screen	50	LF	\$188.00	\$9,400.00	\$120.00	\$6,000.00
8	Take sample and perform sieve analysis	2	EA	\$940.00	\$1,880.00	\$1,000.00	\$2,000.00
9	Furnish and Install necessary Equipment for Well Development	Complete	LS	LS	\$18,750.00	LS	\$10,000.00
10	Set up, Preparations and Pumping well for Extended Capacity Test	Complete	LS	LS	\$47,000.00	LS	\$51,000.00
11	Surface Completion of Completed Test Well	1	EA	\$6,500.00	\$6,500.00	\$2,000.00	\$2,000.00
12	Grouting Surface Casing	300	LF	\$57.00	\$17,100.00	\$50.00	\$15,000.00
13	Water Quality Testing	Complete	LS	LS	\$4,500.00	LS	\$15,000.00
14	10% Contingency - (Summation of Items 1-13) x 0.10				\$30,778.00		\$47,600.00
<b>TOTAL AMOUNT OF COUNTY ROAD 32 TEST WELL (TW-03)</b>					<b>\$338,558.00</b>		<b>\$523,600.00</b>

**HIGHWAY 98 TEST WELL (TW-04)**

**Morrow Water Technologies**  
**7440 Cahaba Valley Road,**  
**Birmingham, AL 35242**

**J & P Construction Co., Inc.**  
**2550 39th Street,**  
**Tuscaloosa, AL 35405**

Item No.	Description of Item	Approximate Quantities	Unit	Unit Price	Total Price for Item	Unit Price	Total Price for Item
1	Mobilization/Demobilization (maximum of \$10,000)	Complete	LS	LS	\$10,000.00	LS	\$10,000.00
2	Drill 7-7/8-inch pilot bore and geophysically log to the aquifer and as described in the Request for Proposal.	350	LF	\$156.00	\$54,600.00	\$120.00	\$42,000.00
3	Drill 12-inch hole to accommodate 8-inch PVC nominal diameter casing for test well purposes and screen	350	LF	\$125.00	\$43,750.00	\$200.00	\$70,000.00
4	Furnished and Install 8-inch PVC casing	300	LF	\$69.00	\$20,700.00	\$100.00	\$30,000.00
5	If required by crush pressure, drill 12-inch hole to accommodate 8-inch steel nominal diameter casing for test well purposes and screen	350	LF	\$50.00	\$17,500.00	\$500.00	\$175,000.00
6	If required by crush pressure, furnish and install 8-inch steel casing	300	LF	\$187.00	\$56,100.00	\$160.00	\$48,000.00
7	Furnish and install PVC Screen, and gravel pack for 0.02 slot screen	50	LF	\$188.00	\$9,400.00	\$120.00	\$6,000.00
8	Take sample and perform sieve analysis	2	EA	\$940.00	\$1,880.00	\$1,000.00	\$2,000.00
9	Furnish and Install necessary Equipment for Well Development	Complete	LS	LS	\$18,750.00	LS	\$10,000.00
10	Set up, Preparations and Pumping well for Extended Capacity Test	Complete	LS	LS	\$47,000.00	LS	\$51,000.00
11	Surface Completion of Completed Test Well	1	EA	\$6,500.00	\$6,500.00	\$2,000.00	\$2,000.00
12	Grouting Surface Casing	300	LF	\$57.00	\$17,100.00	\$50.00	\$15,000.00
13	Water Quality Testing	Complete	LS	LS	\$4,500.00	LS	\$15,000.00
14	10% Contingency - (Summation of Items 1-13) x 0.10				\$30,778.00		\$47,600.00
<b>TOTAL AMOUNT OF HIGHWAY 98 TEST WELL (TW-04)</b>					<b>\$338,558.00</b>		<b>\$523,600.00</b>

**ALTERNATE TEST WELL (TW-05)**

				Morrow Water Technologies 7440 Cahaba Valley Road, Birmingham, AL 35242		J & P Construction Co., Inc. 2550 39th Street, Tuscaloosa, AL 35405	
Item No.	Description of Item	Approximate Quantities	Unit	Unit Price	Total Price for Item	Unit Price	Total Price for Item
1	Mobilization/Demobilization (maximum of \$10,000)	Complete	LS	LS	\$10,000.00	LS	\$10,000.00
2	Drill 7-7/8-inch pilot bore and geophysically log to the aquifer and as described in the Request for Proposal.	400	LF	\$156.00	\$62,400.00	\$120.00	\$48,000.00
3	Drill 12-inch hole to accommodate 8-inch PVC nominal diameter casing for test well purposes and screen	400	LF	\$125.00	\$50,000.00	\$200.00	\$80,000.00
4	Furnished and Install 8-inch PVC casing	350	LF	\$69.00	\$24,150.00	\$100.00	\$35,000.00
5	If required by crush pressure, drill 12-inch hole to accommodate 8-inch steel nominal diameter casing for test well purposes and screen	400	LF	\$50.00	\$20,000.00	\$500.00	\$200,000.00
6	If required by crush pressure, furnish and install 8-inch steel casing	350	LF	\$187.00	\$65,450.00	\$160.00	\$56,000.00
7	Furnish and install PVC Screen, and gravel pack for 0.02 slot screen	50	LF	\$188.00	\$9,400.00	\$120.00	\$6,000.00
8	Take sample and perform sieve analysis	2	EA	\$940.00	\$1,880.00	\$1,000.00	\$2,000.00
9	Furnish and Install necessary Equipment for Well Development	Complete	LS	LS	\$18,750.00	LS	\$10,000.00
10	Set up, Preparations and Pumping well for Extended Capacity Test	Complete	LS	LS	\$47,000.00	LS	\$50,500.00
11	Surface Completion of Completed Test Well	1	EA	\$6,500.00	\$6,500.00	\$2,000.00	\$2,000.00
12	Grouting Surface Casing	350	LF	\$57.00	\$19,950.00	\$50.00	\$17,500.00
13	Water Quality Testing	Complete	LS	LS	\$4,500.00	LS	\$15,000.00
14	10% Contingency - (Summation of Items 1-13) x 0.10				\$33,998.00		\$53,200.00
<b>TOTAL AMOUNT OF ALTERNATE TEST WELL (TW-05)</b>					<b>\$373,978.00</b>		<b>\$585,200.00</b>

**EXISTING TEST WELL PUMPING/TESTING AT WTP NO. 4 (PW-01)**

				Morrow Water Technologies 7440 Cahaba Valley Road, Birmingham, AL 35242		J & P Construction Co., Inc. 2550 39th Street, Tuscaloosa, AL 35405	
Item No.	Description of Item	Approximate Quantities	Unit	Unit Price	Total Price for Item	Unit Price	Total Price for Item
1	Mobilization/Demobilization (maximum of \$10,000)	Complete	LS	LS	\$10,000.00	LS	\$7,000.00
2	Set up, Preparations and Pumping well for Extended Capacity Test	Complete	LS	LS	\$37,000.00	LS	\$51,000.00
3	Water Quality Testing	Complete	LS	LS	\$4,500.00	LS	\$15,000.00
4	10% Contingency - (Summation of Items 1- 3) x 0.10				\$5,150.00		\$7,300.00
<b>TOTAL AMOUNT OF PUMPING EX. TEST WELL AT WTP NO. 4 (PW-01)</b>					<b>\$56,650.00</b>		<b>\$80,300.00</b>

**EXISTING TEST WELL PUMPING/TESTING AT WTP NO. 3 (PW-02)**

				Morrow Water Technologies 7440 Cahaba Valley Road, Birmingham, AL 35242		J & P Construction Co., Inc. 2550 39th Street, Tuscaloosa, AL 35405	
Item No.	Description of Item	Approximate Quantities	Unit	Unit Price	Total Price for Item	Unit Price	Total Price for Item
1	Mobilization/Demobilization (maximum of \$10,000)	Complete	LS	LS	\$10,000.00	LS	\$10,000.00
2	Set up, Preparations and Pumping well for Extended Capacity Test	Complete	LS	LS	\$37,000.00	LS	\$46,000.00
3	Water Quality Testing	Complete	LS	LS	\$4,500.00	LS	\$15,000.00
4	Furnish and Install Temporary Pump to Pump existing well at a flow rate of 200 gpm	14	PER DAY	\$550.00	\$7,700.00	\$2,500.00	\$35,000.00
5	10% Contingency - (Summation of Items 1- 4) x 0.10				\$5,920.00		\$10,600.00
<b>TOTAL AMOUNT OF PUMPING EX. TEST WELL AT WTP NO. 3 (PW-02)</b>					<b>\$65,120.00</b>		<b>\$116,600.00</b>
<b>TOTAL AMOUNT OF BASE BID</b>					<b>\$1,224,542.00</b>		<b>\$1,711,380.00</b>

"I hereby certify that this is a true tabulation of bids received by the City of Fairhope, Alabama on August 7, 2024 @9:30 AM, Local time for the Fairhope Water System Test Well Project.



Caleb L. Leach, P.E.

\* Highlighted Value denotes corrected value from error on bid form