



October 5, 2021

Daniel Moore  
 City of Hartsville  
 P.O. Box 2497  
 Hartsville, SC 29550

Reference: Smith Street Well & Water  
 Treatment Facility  
 Project No.: 20161

Dear Mr. Moore,

On September 28, 2021, bids were received from four (4) contractors for the referenced project. All bids have been tabulated, checked for accuracy, and certified. The results of the bids are as follows and a detailed Bid Tabulation is attached:

Bidder	Base Bid	Base Bid + Alternate 1	Base Bid + Alts. 1- 2	Base Bid + Alts. 1-3	Base Bid + Alts. 1-4
MB Kahn Construction	<b>\$1,459,600.00</b>	+\$67,300.00 = <b>\$1,526,900.00</b>	+\$6,000.00 = <b>\$1,532,900.00</b>	+\$67,000.00 = <b>\$1,599,900.00</b>	+\$14,900.00 = <b>\$1,614,800.00</b>
The Harper Corporation	\$1,579,000.00	+\$56,400.00 = \$1,635,400.00	+\$12,500.00 = \$1,647,900.00	+\$90,000.00 = \$1,737,900.00	+\$9,200.00 = \$1,747,100.00
AAA Utility & Construction	\$1,791,820.95	+\$105,970.20 = \$1,897,791.15	+\$12,600.00 = \$1,910,391.15	+\$78,498.00 = \$1,988,889.15	+\$7,532.00 = \$1,996,421.15
North American Construction	\$1,940,048.13	+\$73,375.00 = \$2,013,423.13	+\$15,500.00 = \$2,028,923.13	+\$52,000.00 = \$2,080,923.13	+\$16,050.00 = \$2,096,973.13

Bidder	Base Bid + Alts. 1-5	Base Bid + Alts. 1-6	Base Bid + Alts. 1-7	Base Bid + Alts. 1-8
MB Kahn Construction	+\$36,000.00 = <b>\$1,650,800.00</b>	+\$11,500.00 = <b>\$1,662,300.00</b>	+\$11,000.00 = <b>\$1,673,300.00</b>	+\$6,000.00 = <b>\$1,679,300.00</b>
The Harper Corporation	+\$30,500.00 = \$1,777,600.00	+\$13,000.00 = \$1,790,600.00	+\$12,000.00 = \$1,802,600.00	+\$6,000.00 = \$1,808,600.00
AAA Utility & Construction	+\$27,045.48 = \$2,023,466.63	+\$2,100.00 = \$2,025,566.63	+\$3,220.00 = \$2,028,786.63	+\$7,000.00 = \$2,035,786.63
North American Construction	+\$34,750.00 = \$2,131,723.13	+\$19,500.00 = \$2,151,223.13	+\$37,500.00 = \$2,188,723.13	+\$6,250.00 = \$2,194,973.13

This project was bid with multiple alternates to give the City choices after the bids were received. Below is a brief description of the base bid project and each of the alternates, along with the low-bidder bid price of each for your consideration.

**Base Bid (Cost of Base Bid – \$1,459,600.00):** This includes installing the new well, water treatment facility and associated site improvements. The base project includes sodium hypochlorite, lime, and fluoride chemical feed systems.

**Alternate 1 (Cost of Alternate 1 – \$67,300.00 for a Total of \$1,526,900.00):** This alternate includes improvements to the existing YMCA booster pump station including a control valve and monitoring system that would allow communication with the new Smith Street well. This will provide better control of the booster pump station to promote movement of water and decrease age of water in the system. The additions will also allow water to flow from the high to low pressure systems automatically while minimizing the risk of unintentional overflowing of the low-pressure system tanks.

**Alternate 2 (Cost of Alternate 2 – \$6,000.00 for a Total of \$1,532,900.00):** If awarded, the generator (alternate 3) will include a concrete pad below it that will extend approximately 3 inches beyond the base of the generator itself. This alternate includes an additional area of concrete that would extend 4 feet farther to provide a nice dry walking surface around the generator for ease of maintenance as well as safety during maintenance and operation which tends to happen in wet conditions.

**Alternate 3 (Cost of Alternate 3 – \$67,000.00 for a Total of \$1,599,900.00):** This alternate includes a permanent standby generator with a transfer switch that would automatically start the generator in the event of a power failure. This alternate also includes the concrete pad that the generator would be mounted on.

**Alternate 4 (Cost of Alternate 4 – \$14,900.00 for a Total of \$1,614,800.00):** This alternate would include a chlorine analyzer within the new treatment plant building which would allow chlorine levels to be monitored every 15 minutes, 24 hours a day. It would also include a dehumidifier inside the building to reduce moisture issues on the wellhead piping and other equipment.

**Alternate 5 (Cost of Alternate 5 – \$36,000.00 for a Total of \$1,650,800.00):** This alternate would include a phosphate feed system to go along with the chemical feed systems that are part of the base project.

**Alternate 6 (Cost of Alternate 6 – \$11,500.00 for a Total of \$1,662,300.00):** This alternate includes the installation of an in-line static mixer within the finished water line leaving the new treatment plant to promote rapid, thorough mixing of chemicals in the water line.

**Alternate 7 (Cost of Alternate 7 – \$11,000.00 for a Total of \$1,673,300.00):** This alternate includes the installation a ductless heat pump system to provide heating and cooling capability within the new building.

**Alternate 8 (Cost of Alternate 8 – \$6,000.00 for a Total of \$1,679,300.00):** This alternate includes a molded block letter style sign on the side of the new building.

This project is being funded through a \$997,000 State Revolving Fund (SRF) loan and a \$500,000 Rural Infrastructure Authority (RIA) grant. Please see attached project cost recap for details. \$185,000 of the SRF funds are currently dedicated to engineering/permitting costs, which leaves \$812,000 of the SRF funds for construction costs. Based on these numbers, additional City funds will be needed to award a contract. With that in mind, we would like to offer the following recommendation options to consider:

**Recommendation Option 1:** Award the Base Bid for a total of **\$1,459,600**. The low bidder based on this approach would be **MB Kahn Construction**. The total construction cost would be made up of \$812,000 (SRF Funds), \$500,000 (RIA Funds) and \$147,600 (Town Funds).

**Recommendation Option 2:** Award the Base Bid plus Alternate 1 for a total of **\$1,526,900**. The low bidder based on this approach would be **MB Kahn Construction**. The total construction cost would be made up of \$812,000 (SRF Funds), \$500,000 (RIA Funds) and \$214,900 (Town Funds).

**Recommendation Option 3:** Award the Base Bid plus Alternates 1-2 for a total of **\$1,532,900**. The low bidder based on this approach would be **MB Kahn Construction**. The total construction cost would be made up of \$812,000 (SRF Funds), \$500,000 (RIA Funds) and \$220,900 (Town Funds).

**Recommendation Option 4:** Award the Base Bid plus Alternates 1-3 for a total of **\$1,599,900**. The low bidder based on this approach would be **MB Kahn Construction**. The total construction cost would be made up of \$812,000 (SRF Funds), \$500,000 (RIA Funds) and \$287,900 (Town Funds).

**Recommendation Option 5:** Award the Base Bid plus Alternates 1-4 for a total of **\$1,614,800**. The low bidder based on this approach would be **MB Kahn Construction**. The total construction cost would be made up of \$812,000 (SRF Funds), \$500,000 (RIA Funds) and \$302,800 (Town Funds).

**Recommendation Option 6:** Award the Base Bid plus Alternates 1-5 for a total of **\$1,650,800**. The low bidder based on this approach would be **MB Kahn Construction**. The total construction cost would be made up of \$812,000 (SRF Funds), \$500,000 (RIA Funds) and \$338,800 (Town Funds).

**Recommendation Option 7:** Award the Base Bid plus Alternates 1-6 for a total of **\$1,662,300**. The low bidder based on this approach would be **MB Kahn Construction**. The total construction cost would be made up of \$812,000 (SRF Funds), \$500,000 (RIA Funds) and \$350,300 (Town Funds).

**Recommendation Option 8:** Award the Base Bid plus Alternates 1-7 for a total of **\$1,673,300**. The low bidder based on this approach would be **MB Kahn Construction**. The total construction

Mr. Moore  
October 5, 2021  
Page 4

cost would be made up of \$812,000 (SRF Funds), \$500,000 (RIA Funds) and \$361,300 (Town Funds).

**Recommendation Option 9:** Award the Base Bid plus Alternates 1-8 for a total of **\$1,679,300**. The low bidder based on this approach would be **MB Kahn Construction**. The total construction cost would be made up of \$812,000 (SRF Funds), \$500,000 (RIA Funds) and \$367,300 (Town Funds).

While we feel all alternates give added benefit to the City, based purely on the available funding for construction of this project, we would like to recommend **Option 1** that awards the Base Bid to MB Kahn Construction in the amount of **\$1,459,600**. We are of the opinion that all bids were responsive and that the low bidders' prices were reasonable with respect to this type of work. We also understand that current material prices likely influenced the bids.

If you concur with our recommendation of awarding the project to MB Kahn Construction, please execute a copy of the enclosed Notice of Award by signing in the space provided. Please **do not date** the form. Once we receive the executed form and secure approval from SRF and RIA to proceed, we will date and forward the Notice of Award to the contractor along with the other contract documents for his execution. Once we receive the executed contract documents back from the contractor, we can then schedule a preconstruction conference and begin construction.

Even though we are recommending award of the base bid project only based on funding, we do feel that all alternates give added benefit to the City. **Alternates do not have to be added in order.** Any combination can be added to the base bid project. If you would like to consider adding any combination of alternates to the base bid project, please let us know and we will update a Notice of Award document accordingly for your signature and submit all required documents to secure approval from SRF and RIA to proceed with the selected project scope. Thank you for your cooperation and if we can be of any further assistance, please let me know.

Sincerely,

**Hanna Engineering, LLC**



Michael H. Hanna, P.E.  
President

Enclosures

**DIVISION 00 - SECTION 0510  
NOTICE OF AWARD**

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Owner:	City of Hartsville	Project:	Smith Street Well & Water Treatment Facility
Engineer:	Hanna Engineering, LLC	Project No.:	20161
Bidder:	M.B. Kahn Const. Co. Inc.	Bidder's Address:	P.O. Box 1179 Columbia, SC 29202

Date of Issuance:

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**TO BIDDER:**

You are notified that Owner has accepted your Bid dated September 28, 2021 for the above Contract, and that you are the Successful Bidder and are awarded a Contract for Smith Street Well & Water Treatment Facility.

The Contract Price of the awarded Contract is: \$1,459,600.00

Four unexecuted counterparts of the Agreement accompany this Notice of Award along with one copy of the Contract Documents.

You must comply with the following conditions within 15 days of the date of receipt of this Notice of Award:

1. Deliver to the Owner four counterparts of the Agreement, fully executed by Bidder.
2. Deliver with the executed Agreements the Performance and Payment Bonds and insurance documentation as specified in the Instructions to Bidders and General Conditions, Articles 2 and 6.

Failure to comply with these conditions within the time specified will entitle Owner to consider you in default, annul this Notice of Award, and declare your Bid security forfeited.

The Owner will return to you one fully executed counterpart of the Agreement.

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Owner: City of Hartsville  
Authorized Signature

By: \_\_\_\_\_

Title: Daniel Moore, City Administrator

Copy: Engineer



CERTIFIED AS CORRECT <i>Jamie Buddin</i> September 28, 2021 DATE			MB Kahn Construction		The Harper Corporation		AAA Utility & Construction		North American Construction		
BASE BID											
ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT
1.	Mobilization, Bond, and Insurance	1	EA	60,000.00	60,000.00	50,000.00	50,000.00	80,000.00	80,000.00	257,000.00	257,000.00
2.	Clearing and Trimming	1,060	SF	2.00	2,120.00	5.00	5,300.00	5.00	5,300.00	12.00	12,720.00
3.	Test Hole and Logs	450	LF	45.00	20,250.00	125.00	56,250.00	170.00	76,500.00	90.00	40,500.00
4.	24" Outer Casing	100	LF	283.00	28,300.00	580.00	58,000.00	800.00	80,000.00	460.00	46,000.00
5.	12" Inner Casing	350	LF	373.00	130,550.00	380.00	133,000.00	550.00	192,500.00	300.00	105,000.00
6.	12" Well Screen	100	LF	331.00	33,100.00	600.00	60,000.00	640.00	64,000.00	380.00	38,000.00
7.	Well Development	1	EA	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	27,740.00	27,740.00
8.	Pump Test	1	EA	15,000.00	15,000.00	20,000.00	20,000.00	20,000.00	20,000.00	23,500.00	23,500.00
9.	Water Quality Testing	1	EA	10,000.00	10,000.00	15,000.00	15,000.00	20,000.00	20,000.00	11,270.00	11,270.00
10.	Submersible Well Pump	1	EA	30,000.00	30,000.00	30,000.00	30,000.00	80,000.00	80,000.00	51,750.00	51,750.00
11.	8" Pump Column	170	LF	117.00	19,890.00	180.00	30,600.00	229.00	<b>38,930.00</b>	124.00	21,080.00
12.	Well Video	1	EA	3,000.00	3,000.00	4,500.00	4,500.00	12,000.00	12,000.00	3,250.00	3,250.00
13.	Well Head Piping	1	EA	85,000.00	85,000.00	75,000.00	75,000.00	15,000.00	15,000.00	82,450.00	82,450.00
14.	Construction Entrance	1	EA	2,500.00	2,500.00	8,000.00	8,000.00	5,600.00	5,600.00	4,500.00	4,500.00
15.	Compost Filter Sock	541	LF	5.00	2,705.00	6.00	3,246.00	8.00	4,328.00	21.73	11,755.93
16.	Site Grading	1	EA	10,000.00	10,000.00	50,000.00	50,000.00	5,000.00	5,000.00	34,740.00	34,740.00
17.	Grassed Infiltration Basin	1	EA	5,000.00	5,000.00	9,000.00	9,000.00	20,000.00	20,000.00	15,675.00	15,675.00
18.	15" RCP	48	LF	200.00	9,600.00	60.00	2,880.00	50.00	2,400.00	165.00	7,920.00
19.	Blowoff Pit	1	EA	7,500.00	7,500.00	7,500.00	7,500.00	500.00	500.00	18,575.00	18,575.00
20.	Rip-Rap	13	TONS	100.00	1,300.00	95.00	1,235.00	100.00	1,300.00	315.00	4,095.00
21.	Crushed Stone Paving	6,272	SF	3.00	18,816.00	2.00	12,544.00	1.50	9,408.00	7.10	44,531.20
22.	Sidewalks	1	EA	8,000.00	8,000.00	8,000.00	8,000.00	21,000.00	21,000.00	37,525.00	37,525.00
23.	Overall Concrete Slab	1	EA	15,000.00	15,000.00	25,000.00	25,000.00	23,000.00	23,000.00	25,000.00	25,000.00
24.	Building Slab	1	EA	74,000.00	74,000.00	35,000.00	35,000.00	18,000.00	18,000.00	58,880.00	58,880.00
25.	Block Walls	1	EA	60,000.00	60,000.00	95,000.00	95,000.00	60,000.00	60,000.00	59,000.00	59,000.00
26.	Roof & Trusses	1	EA	10,000.00	10,000.00	18,000.00	18,000.00	18,000.00	18,000.00	34,500.00	34,500.00
27.	Asphalt Shingle Roofing	1	EA	10,000.00	10,000.00	20,000.00	20,000.00	6,500.00	6,500.00	16,500.00	16,500.00
28.	Vinyl Siding	1	EA	5,000.00	5,000.00	7,500.00	7,500.00	4,600.00	4,600.00	13,500.00	13,500.00
29.	Insulation	1	EA	1,000.00	1,000.00	5,000.00	5,000.00	1,800.00	1,800.00	8,500.00	8,500.00
30.	Site Piping	1	EA	188,969.00	188,969.00	50,000.00	50,000.00	242,454.95	242,454.95	55,211.00	55,211.00
31.	Electrical	1	EA	200,000.00	200,000.00	110,945.00	110,945.00	220,000.00	220,000.00	237,650.00	237,650.00
32.	Electrical Service Upgrade	1	EA	55,000.00	55,000.00	55,000.00	55,000.00	5,000.00	5,000.00	55,000.00	55,000.00
33.	Lighting	1	EA	5,000.00	5,000.00	25,000.00	25,000.00	8,000.00	8,000.00	25,780.00	25,780.00
34.	Well Monitoring System	1	EA	25,000.00	25,000.00	12,000.00	12,000.00	22,000.00	22,000.00	76,280.00	76,280.00
35.	Cabinets	1	EA	5,000.00	5,000.00	3,500.00	3,500.00	5,000.00	5,000.00	12,500.00	12,500.00
36.	Miscellaneous Metal	1	EA	10,000.00	10,000.00	9,500.00	9,500.00	2,000.00	2,000.00	9,500.00	9,500.00
37.	Plumbing	1	EA	15,000.00	15,000.00	10,000.00	10,000.00	2,000.00	2,000.00	37,500.00	37,500.00
38.	Doors & Hardware	1	EA	15,000.00	15,000.00	25,000.00	25,000.00	18,000.00	18,000.00	12,500.00	12,500.00
39.	Exhaust Fans & Louvers	1	EA	14,000.00	14,000.00	20,000.00	20,000.00	4,500.00	4,500.00	8,750.00	8,750.00
40.	Heater (Sodium Hypochlorite Room)	1	EA	4,000.00	4,000.00	5,000.00	5,000.00	3,000.00	3,000.00	4,250.00	4,250.00
41.	Painting	1	EA	30,000.00	30,000.00	40,000.00	40,000.00	16,000.00	16,000.00	31,380.00	31,380.00
42.	Sodium Hypochlorite Feed System	1	EA	60,000.00	60,000.00	75,000.00	75,000.00	75,000.00	75,000.00	84,000.00	84,000.00
43.	Lime Feed System	1	EA	80,000.00	80,000.00	150,000.00	150,000.00	200,000.00	200,000.00	122,870.00	122,870.00
44.	Fluoride Feed System	1	EA	20,000.00	20,000.00	75,000.00	75,000.00	28,000.00	28,000.00	39,670.00	39,670.00
45.	Safety Wash Station	1	EA	2,500.00	2,500.00	6,000.00	6,000.00	2,000.00	2,000.00	5,500.00	5,500.00
46.	Fire Extinguisher	1	EA	500.00	500.00	500.00	500.00	200.00	200.00	750.00	750.00
47.	Grassing	1	EA	2,000.00	2,000.00	11,000.00	11,000.00	3,000.00	3,000.00	5,500.00	5,500.00
<b>TOTAL BID: BASE BID</b>				<b>\$1,459,600.00</b>		<b>\$1,579,000.00</b>		<b>\$1,791,820.95</b>		<b>\$1,940,048.13</b>	

BOLD DENOTES AN ERROR IN BID SUBMITTED



September 28, 2021			MB Kahn Construction		The Harper Corporation		AAA Utility & Construction		North American Construction		
CERTIFIED AS CORRECT <i>Jamie Buddin</i>											
DATE											
ALTERNATE 1											
ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT
1.	Demolition	1	EA	6,730.00	6,730.00	4,000.00	4,000.00	5,000.00	5,000.00	1,500.00	1,500.00
2.	Control Valve	1	EA	16,825.00	16,825.00	20,000.00	20,000.00	20,000.00	20,000.00	15,890.00	15,890.00
3.	Piping	1	EA	10,095.00	10,095.00	5,400.00	5,400.00	3,000.00	3,000.00	8,460.00	8,460.00
4.	Booster Pump Monitoring	1	EA	20,190.00	20,190.00	12,000.00	12,000.00	55,000.00	55,000.00	30,275.00	30,275.00
5.	Electrical	1	EA	13,460.00	13,460.00	15,000.00	15,000.00	22,970.20	22,970.20	17,250.00	17,250.00
<b>TOTAL BID: ALTERNATE 1</b>					\$67,300.00		\$56,400.00		\$105,970.20		\$73,375.00
<b>TOTAL BASE BID + ALTERNATE 1</b>					\$1,526,900.00		\$1,635,400.00		<b>\$1,897,791.15</b>		\$2,013,423.13
ALTERNATE 2											
ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT
1.	Generator Slab	1	EA	6,000.00	6,000.00	12,500.00	12,500.00	12,600.00	12,600.00	15,500.00	15,500.00
<b>TOTAL BID: ALTERNATE 2</b>					\$6,000.00		\$12,500.00		\$12,600.00		\$15,500.00
<b>TOTAL BASE BID + ALTERNATE 1 &amp; 2</b>					\$1,532,900.00		\$1,647,900.00		<b>\$1,910,391.15</b>		\$2,028,923.13
ALTERNATE 3											
ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT
1.	Generator	1	EA	67,000.00	67,000.00	90,000.00	90,000.00	78,498.00	78,498.00	52,000.00	52,000.00
<b>TOTAL BID: ALTERNATE 3</b>					\$67,000.00		\$90,000.00		\$78,498.00		\$52,000.00
<b>TOTAL BASE BID + ALTERNATES 1 - 3</b>					\$1,599,900.00		\$1,737,900.00		<b>\$1,988,889.15</b>		<b>\$2,080,923.13</b>
ALTERNATE 4											
ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT
1.	Chlorine Analyzer	1	EA	8,940.00	8,940.00	8,000.00	8,000.00	5,000.00	5,000.00	10,000.00	10,000.00
2.	Dehumidifier	1	EA	5,960.00	5,960.00	1,200.00	1,200.00	2,532.00	2,532.00	6,050.00	6,050.00
<b>TOTAL BID: ALTERNATE 4</b>					\$14,900.00		\$9,200.00		\$7,532.00		\$16,050.00
<b>TOTAL BASE BID + ALTERNATES 1 - 4</b>					\$1,614,800.00		\$1,747,100.00		<b>\$1,996,421.15</b>		\$2,096,973.13
ALTERNATE 5											
ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT
1.	Phosphate Feed System	1	EA	36,000.00	36,000.00	30,500.00	30,500.00	27,045.48	27,045.48	34,750.00	34,750.00
<b>TOTAL BID: ALTERNATE 5</b>					\$36,000.00		\$30,500.00		\$27,045.48		\$34,750.00
<b>TOTAL BASE BID + ALTERNATES 1 - 5</b>					\$1,650,800.00		\$1,777,600.00		<b>\$2,023,466.63</b>		\$2,131,723.13
ALTERNATE 6											
ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT
1.	Static Mixer	1	EA	11,500.00	11,500.00	13,000.00	13,000.00	2,100.00	2,100.00	19,500.00	19,500.00
<b>TOTAL BID: ALTERNATE 6</b>					\$11,500.00		\$13,000.00		\$2,100.00		\$19,500.00
<b>TOTAL BASE BID + ALTERNATES 1 - 6</b>					\$1,662,300.00		\$1,790,600.00		<b>\$2,025,566.63</b>		\$2,151,223.13
ALTERNATE 7											
ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT
1.	HVAC System	1	EA	11,000.00	11,000.00	12,000.00	12,000.00	3,220.00	3,220.00	37,500.00	37,500.00
<b>TOTAL BID: ALTERNATE 7</b>					\$11,000.00		\$12,000.00		\$3,220.00		\$37,500.00
<b>TOTAL BASE BID + ALTERNATES 1 - 7</b>					\$1,673,300.00		\$1,802,600.00		<b>\$2,028,786.63</b>		\$2,188,723.13
ALTERNATE 8											
ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT
1.	Building Sign	1	EA	6,000.00	6,000.00	6,000.00	6,000.00	7,000.00	7,000.00	6,250.00	6,250.00
<b>TOTAL BID: ALTERNATE 8</b>					\$6,000.00		\$6,000.00		\$7,000.00		\$6,250.00
<b>TOTAL BASE BID + ALTERNATES 1 - 8</b>					\$1,679,300.00		\$1,808,600.00		<b>\$2,035,786.63</b>		\$2,194,973.13

**CITY OF HARTSVILLE**  
**SMITH STREET WELL & WATER TREATMENT FACILITY**  
**September 2021**

ITEM DESCRIPTION	City Funding	SRF Funding	RIA Funding	Project Costs
<b>CONSTRUCTION</b>				
Base Bid: Well & WTF	\$147,600	\$812,000	\$500,000	\$1,459,600
Alternate 1: YMCA Booster Pump Station	\$67,300	\$0	\$0	\$67,300
Alternate 2: Concrete Slab for Generator	\$6,000	\$0	\$0	\$6,000
Alternate 3: Generator	\$67,000	\$0	\$0	\$67,000
Alternate 4: Chlorine Analyzer & Dehumidifier	\$14,900	\$0	\$0	\$14,900
Alternate 5: Phosphate Feed System	\$36,000	\$0	\$0	\$36,000
Alternate 6: Static Mixer	\$11,500	\$0	\$0	\$11,500
Alternate 7: HVAC System	\$11,000	\$0	\$0	\$11,000
Alternate 8: Building Sign	\$6,000	\$0	\$0	\$6,000
<b>TOTAL CONSTRUCTION COST</b>	<b>\$367,300</b>	<b>\$812,000</b>	<b>\$500,000</b>	<b>\$1,679,300</b>
<b>ENGINEERING</b>				
Engineering Design	\$0	\$101,500	\$0	\$101,500
Construction Observation	\$0	\$58,500	\$0	\$58,500
<b>TOTAL ENGINEERING COST</b>	<b>\$0</b>	<b>\$160,000</b>	<b>\$0</b>	<b>\$160,000</b>
<b>ADDITIONAL SERVICES</b>				
Preliminary Engineering Report	\$0	\$3,000	\$0	\$3,000
Permitting Fees	\$0	\$1,500	\$0	\$1,500
UTSA	\$0	\$500	\$0	\$500
American Iron & Steel Compliance	\$0	\$2,500	\$0	\$2,500
Advertisement Fees	\$0	\$2,500	\$0	\$2,500
Structural Design	\$0	\$10,000	\$0	\$10,000
Groundwater Withdrawal Permitting	\$0	\$5,000	\$0	\$5,000
<b>TOTAL ADDITIONAL SERVICES</b>	<b>\$0</b>	<b>\$25,000</b>	<b>\$0</b>	<b>\$25,000</b>
<b>CONTINGENCIES</b>				
Percent Contingencies				0.0%
<b>TOTAL PROJECT COST</b>	<b>\$367,300</b>	<b>\$997,000</b>	<b>\$500,000</b>	<b>\$1,864,300</b>
<b>FUNDING RECAP</b>				
CITY FUNDING				\$367,300
SRF FUNDING				\$997,000
RIA FUNDING				\$500,000
<b>TOTAL FUNDING</b>				<b>\$1,864,300</b>

Prepared by Hanna Engineering  
 Job Number: 20161  
 Date: September 28, 2021

