

RESOLUTION NO. 2022 - 23

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF COMMERCE, TEXAS AWARDED A CONTRACT FOR THE CONSTRUCTION OF THE CITY OF COMMERCE WATER FILTER TREATMENT PLANT REPAIR PROJECT TO HERITAGE CONSTRUCTORS, INC., ATTACHED AS EXHIBIT A, AND AUTHORIZING THE CITY MANAGER OR HIS DESIGNEE TO EXECUTE THE AGREEMENT(S) NECESSARY FOR PRIMARY DEPOSITORY BANKING SERVICES ON BEHALF OF THE CITY OF COMMERCE, TEXAS; AND PROVIDING FOR AN EFFECTIVE DATE.

A special meeting of the City Council of the City of Commerce, Texas, was held in Commerce, Texas, at City Hall on the 26th day of April 2022, at 6:00 p.m.; a majority of Council Members being present and constituting a quorum, the following resolution was adopted;

WHEREAS, the Commerce Water Treatment Plant (WTP) has a rated capacity of 3million gallons per day (MGD). To accomplish this, the WTP has six (6) filter units that are a vital part of the treatment process. Of these six filters, four are non-operational and one is marginal. This results in only one reliable filter of the six; and

WHEREAS, The Council has previously authorized the WTP Filter Rehab Project within the City's Capital Improvement Plan (CIP) in the amount of \$1,500,000. The scope of this project is to rehabilitate all six filter units, to upgrade critical control systems, and to install a back-up power generator; and

WHEREAS, City staff opened bids for the project on April 14, 2022 and had two bids submitted.

WHEREAS, Hayter Engineering has reviewed submitted proposals and recommends the award to Heritage Constructors. Staff is also recommending an additional \$50,000 in owner's contingency for a total award of \$1,603,800.

WHEREAS, Using the Competitive Sealed Proposal method, staff has determined that the best value proposal was from Heritage Constructors, Inc. in the amount of \$1,603,800.

NOW THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF COMMERCE, TEXAS:

Section 1. That the City Council of the City of Commerce hereby awards the contract for the construction of the City of Commerce Water Treatment Plant Filter Repairs to Heritage Constructors, Inc.

Section 2. The City Manager or his designee is hereby authorized to execute all necessary documentation, which is attached as "Exhibit A", and to take other actions as necessary to finalize, act under, and enforce this contract.

Section 3. All orders, resolutions, or parts thereof, which are in conflict or inconsistent with any provision of this Resolution are hereby repealed to the extent of such conflict, and the provisions of this Resolution shall be and remain controlling as to the matters resolved herein.

Section 4. That this Resolution shall take effect immediately from and after its passage.

DULY RESOLVED AND PASSED BY THE GOVERNING BODY of the City of Commerce, Texas, at a regular meeting of the City Council of Commerce, Texas, on the 26th day of April 2022.

CITY OF COMMERCE, TEXAS



Howdy Lisenbee, City Manager

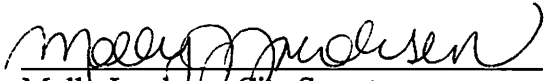
CITY OF COMMERCE, TEXAS



Wyman Williams, Mayor

(Seal)

ATTEST:


Molly Jacobsen, City Secretary



April 18, 2022

HEI # 950115-28.01

Mr. Howdy Lisenbee, City Manager
City of Commerce
1119 Alamo
Commerce, Texas 75428

Re: WTP Filter Rehabilitation Project
20-200.01

Mr. Lisenbee –

This letter is a follow-up on the bid opening of Thursday, April 14, 2022 for the above-referenced project.

Two bids were received for the project. One was from Gracon Construction, Inc. and one was from Heritage Constructors, Inc. Heritage Constructors was the apparent low bid at \$1,503,800.00. The bid from Gracon Construction was considerably higher at \$2,128,900.00 (see the attached bid tabulation).

The Opinion of Probable Construction Cost (OPCC) prepared by Hayter Engineering was \$1.590M.

We checked the bids for mathematical accuracy and found no issues with either bid.

Both companies submitted proof of a bid bond with their bid.

Both companies submitted a proposed schedule, as required by the contract documents. The proposed project completion times were similar – June 19, 2023 for Gracon and May 17, 2023 for Heritage.

Hayter Engineering has worked with both Heritage and Gracon on numerous projects over the past 30 years. Both companies have proven to be qualified contractors for this type of work – performing quality work, submitting reasonable change orders, finishing the project in a timely manner, etc.

I have personally worked with key personnel from both companies on these previous projects.

Practical Infrastructure **Solutions**

4445 SE Loop 286 | Paris, TX 75460 | haytereng.com
TxEng F-315 | TxSurv F-10028600 | OSBPE/LS #603 | ASBPE #2521 | LA #EF6529
Texas | Oklahoma | Arkansas | Louisiana

Therefore, since the low bid from Heritage was slightly less than the OPCC, and since the award of the project is based upon several factors (including price, schedule, personnel, and quality of work); and since Heritage had the lower bid price and a slightly shorter schedule, Hayter Engineering finds no reason not to recommend award to Heritage Constructors, Inc. The fact that a bond company has chosen to support their effort lends further credence to this recommendation.

Please let me know if you have any questions. We look forward to working with you and your staff on this project.

Sincerely,

HAYTER ENGINEERING

Michael N. Tibbets

Michael N. Tibbets, P.E.
Vice President

attachment: bid tabulation



TBPELS #F-315

4-18-2022

Bid Tabulation

City of Commerce
WTP Filter Rehab #20-200-01
HEI #950115
April 14, 2022
2:00 p.m.

Item	Description	Estimated Quantity	Heritage Constructors, Inc.		Gracon Construction, Inc.	
			Unit Price	Total Price	Unit Price	Total Price
1	Mobilization.	1 LS	\$70,000.00	\$70,000.00	\$102,000.00	\$102,000.00
2	Demolition of existing filter cell components, including media and underdrains.	6 EA	\$6,110.00	\$36,660.00	\$15,000.00	\$90,000.00
3	Refurbish filter cell by installing steel liner (includes cell walls, filter gullet, and floors). Includes sandblasting and priming of existing interior.	6 EA	\$29,684.00	\$178,104.00	\$54,000.00	\$324,000.00
4	Sandblast, prime, and paint filter cell liner walls and floor.	6 EA	\$12,036.00	\$72,216.00	\$9,000.00	\$54,000.00
5	Install control rods and associated components in filter cells.	24 EA	\$800.00	\$19,200.00	\$700.00	\$16,800.00
6	Install new filter components including media, underdrains, and air scour hoses. Installed and complete.	1 LS	\$414,709.00	\$414,709.00	\$735,000.00	\$735,000.00
7	Install 6" check valve on air scour discharge piping.	1 EA	\$6,400.00	\$6,400.00	\$6,000.00	\$6,000.00
8	Remove and replace 4" air scour butterfly valve and pneumatic actuator. (Includes 6 on filter cells, and 1 on the existing air scour piping).	7 EA	\$8,315.00	\$44,205.00	\$7,800.00	\$54,600.00
9	Install 3" air scour butterfly valve on proposed blower piping.	1 EA	\$3,000.00	\$3,000.00	\$1,300.00	\$1,300.00
10	Remove and replace 8" backwash butterfly valve and pneumatic actuator. (Includes 6 on filter cells and 1 modulating on backwash line).	7 EA	\$7,358.00	\$51,506.00	\$11,100.00	\$77,700.00
11	Remove and replace 8" effluent butterfly valve and pneumatic actuator (modulating).	6 EA	\$10,000.00	\$60,000.00	\$7,400.00	\$44,400.00
12	Remove and replace 8" influent butterfly valve and pneumatic actuator.	6 EA	\$7,000.00	\$42,000.00	\$7,400.00	\$44,400.00
13	Remove 8" backwash propeller meter and orifice plate and replace with 8" electromagnetic flow meter and spool piece.	1 EA	\$7,000.00	\$7,000.00	\$9,000.00	\$9,000.00
14	Remove and replace 6" clarifier drain line plug valve.	1 EA	\$9,800.00	\$9,800.00	\$13,400.00	\$13,400.00
15	Remove and replace 10" check valve on backwash pump.	1 EA	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00
16	Remove and replace 14" raw water flow control butterfly valve and modulating actuator, in raw water vault #1.	1 EA	\$25,000.00	\$25,000.00	\$16,400.00	\$16,400.00
17	Install strap - on flow meter in raw water vault #1.	1 EA	\$4,000.00	\$4,000.00	\$5,600.00	\$5,600.00
18	Remove and replace modulating pneumatic actuator on existing butterfly valve in raw water vault #2.	1 EA	\$23,000.00	\$23,000.00	\$12,000.00	\$12,000.00
19	Install orifice plate in filter feed pipe.	6 EA	\$1,500.00	\$9,000.00	\$1,100.00	\$6,600.00
20	Install new blower for air scour system and associated piping.	1 LS	\$32,000.00	\$32,000.00	\$56,000.00	\$56,000.00
21	Install new compressor and piping for pneumatic valve actuators. Remove and replace desiccant dryer assembly with associated piping. Install pressure relief valve on existing compressor.	1 LS	\$30,000.00	\$30,000.00	\$27,000.00	\$27,000.00
22	Remove and replace scales for chlorine ton cylinders.	1 LS	\$30,000.00	\$30,000.00	\$26,000.00	\$26,000.00
23	Electrical work, including installation of generator (furnished by OWNER), installed and complete.	1 LS	\$330,000.00	\$330,000.00	\$400,000.00	\$400,000.00
24	Remove double cleanouts from sludge drain.	1 LS	\$2,000.00	\$2,000.00	\$2,700.00	\$2,700.00
TOTAL BASE BID				\$1,503,800.00		\$2,128,900.00
ADDITIVE ALTERNATE:						
AA1	Water blast and paint exterior filter walls (both banks). Includes protection of existing electrical equipment and process equipment.	1 LS	50000	\$50,000.00	130000	\$130,000.00
TOTAL ADDITIVE ALTERNATE				\$50,000.00		\$130,000.00
DEDUCTIVE ALTERNATE:						
DA1	Remove the new steel filter cell wall liner from the project. Sandblast, prime, and paint the interiors only. Install the liner in the gullet and on top of the concrete support after the existing underdrains have been removed.	1 LS	69000	\$69,000.00	-100000	-\$100,000.00
TOTAL DEDUCTIVE ALTERNATE				\$69,000.00		-\$100,000.00



City of Commerce
RFP-CSP for WTP Filter Rehab Project
#20-200-01
April 14, 2022 2:00pm

Heritage Constructors, Inc.

3737 Lamar Avenue, Ste. 700

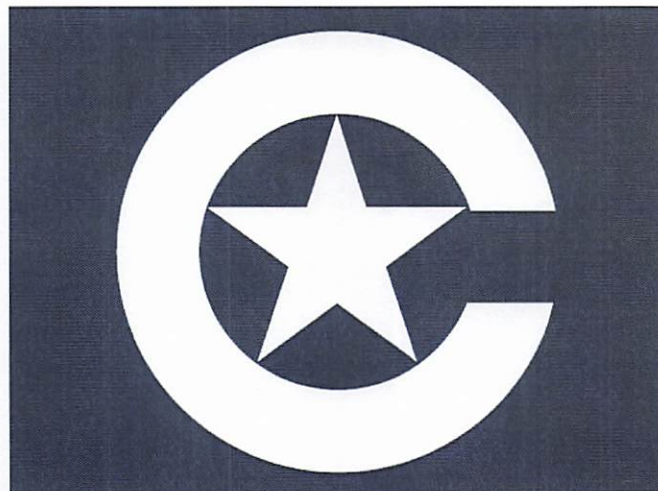
Paris, TX 75460

(903) 784-4321

(903) 784-4768

www.hci1980.com

jreynolds@hci1980.com



**Bid Bond
SURETY DEPARTMENT**

Conforms with the American Institute of
Architects, A.I.A Documents No. A-310

KNOW ALL MEN BY THESE PRESENTS,

That we, Heritage Constructors, Inc. as Principal hereinafter called the Principal, and Westfield Insurance Company a corporation created and existing under the laws of the State of Ohio whose principal office is in Westfield Center, OH as Surety, hereinafter called the Surety, are held and firmly bound unto City of Commerce as Obligee, hereinafter called the Obligee,

in the sum of Five Percent of the Greatest Amount Bid Dollars (5% GAB) for the payment of which sum, well and truly to be made, the said Principal and the said Surety, bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents

Whereas, the Principal has submitted a bid for WTP Filter Rehab Project

NOW, THEREFORE, if the Obligee shall accept the bid of the Principal and the Principal shall enter into a contract with the Obligee in accordance with the terms of such bid, and give such bond or bonds as may be specified in the bidding or contract documents with good and sufficient surety for the faithful performance of such contract and for the prompt payment of labor and material furnished in the prosecution thereof, or in the event of the failure of the Principal to enter such contract and give such bond or bonds, if the Principal shall pay to the Obligee the difference not to exceed the penalty hereof between the amount specified in said bid and such larger amount for which the Obligee may in good faith contract with another party to perform the work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect

Signed and sealed this 14th day of April, 2022

Heritage Constructors, Inc.

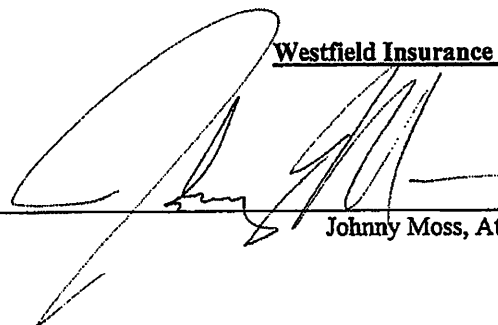
(Principal)

By  _____

(SEAL)

Westfield Insurance Company

(Surety)

By  _____

(SEAL)

Johnny Moss, Attorney-in-fact

General
Power
of Attorney

CERTIFIED COPY

POWER NO. 4220012 14

**Westfield Insurance Co.
Westfield National Insurance Co.
Ohio Farmers Insurance Co.**
Westfield Center, Ohio

Know All Men by These Presents, That WESTFIELD INSURANCE COMPANY, WESTFIELD NATIONAL INSURANCE COMPANY and OHIO FARMERS INSURANCE COMPANY, corporations, hereinafter referred to individually as a "Company" and collectively as "Companies," duly organized and existing under the laws of the State of Ohio, and having its principal office in Westfield Center, Medina County, Ohio, do by these presents make, constitute and appoint
TONY FIERRO, JOHNNY MOSS, JAY JORDAN, MISTIE BECK, JEREMY BARNETT, JADE PORTER, ROBERT G. KANUTH, JARRETT WILLSON, JACK NOTTINGHAM, JOINTLY OR SEVERALLY

of ROCKWALL and State of TX its true and lawful Attorney(s)-in-Fact, with full power and authority hereby conferred in its name, place and stead, to execute, acknowledge and deliver any and all bonds, recognizances, undertakings, or other instruments or contracts of suretyship-

LIMITATION: THIS POWER OF ATTORNEY CANNOT BE USED TO EXECUTE NOTE GUARANTEE, MORTGAGE DEFICIENCY, MORTGAGE GUARANTEE, OR BANK DEPOSITORY BONDS.

and to bind any of the Companies thereby as fully and to the same extent as if such bonds were signed by the President, sealed with the corporate seal of the applicable Company and duly attested by its Secretary, hereby ratifying and confirming all that the said Attorney(s)-in-Fact may do in the premises. Said appointment is made under and by authority of the following resolution adopted by the Board of Directors of each of the WESTFIELD INSURANCE COMPANY, WESTFIELD NATIONAL INSURANCE COMPANY and OHIO FARMERS INSURANCE COMPANY:

"Be it Resolved, that the President, any Senior Executive, any Secretary or any Fidelity & Surety Operations Executive or other Executive shall be and is hereby vested with full power and authority to appoint any one or more suitable persons as Attorney(s)-in-Fact to represent and act for and on behalf of the Company subject to the following provisions:

The Attorney-in-Fact may be given full power and authority for and in the name of and on behalf of the Company, to execute, acknowledge and deliver, any and all bonds, recognizances, contracts, agreements of indemnity and other conditional or obligatory undertakings and any and all notices and documents canceling or terminating the Company's liability thereunder, and any such instruments so executed by any such Attorney-in-Fact shall be as binding upon the Company as if signed by the President and sealed and attested by the Corporate Secretary."

"Be it Further Resolved, that the signature of any such designated person and the seal of the Company heretofore or hereafter affixed to any power of attorney or any certificate relating thereto by facsimile, and any power of attorney or certificate bearing facsimile signatures or facsimile seal shall be valid and binding upon the Company with respect to any bond or undertaking to which it is attached." (Each adopted at a meeting held on February 8, 2000).

In Witness Whereof, WESTFIELD INSURANCE COMPANY, WESTFIELD NATIONAL INSURANCE COMPANY and OHIO FARMERS INSURANCE COMPANY have caused these presents to be signed by their National Surety Leader and Senior Executive and their corporate seals to be hereto affixed this 02nd day of JANUARY A.D., 2020.

Corporate
Seals
Affixed



WESTFIELD INSURANCE COMPANY
WESTFIELD NATIONAL INSURANCE COMPANY
OHIO FARMERS INSURANCE COMPANY

By:
Gary W. Stumper, National Surety Leader and
Senior Executive

State of Ohio
County of Medina ss.:

On this 02nd day of JANUARY A.D., 2020, before me personally came Gary W. Stumper to me known, who, being by me duly sworn, did depose and say, that he resides in Hartford, CT; that he is National Surety Leader and Senior Executive of WESTFIELD INSURANCE COMPANY, WESTFIELD NATIONAL INSURANCE COMPANY and OHIO FARMERS INSURANCE COMPANY, the companies described in and which executed the above instrument; that he knows the seals of said Companies; that the seals affixed to said instrument are such corporate seals; that they were so affixed by order of the Boards of Directors of said Companies; and that he signed his name thereto by like order.

Notarial
Seal
Affixed



David A. Kotnik, Attorney at Law, Notary Public
My Commission Does Not Expire (Sec. 147.03 Ohio Revised Code)

State of Ohio
County of Medina ss.:

I, Frank A. Carrino, Secretary of WESTFIELD INSURANCE COMPANY, WESTFIELD NATIONAL INSURANCE COMPANY and OHIO FARMERS INSURANCE COMPANY, do hereby certify that the above and foregoing is a true and correct copy of a Power of Attorney, executed by said Companies, which is still in full force and effect; and furthermore, the resolutions of the Boards of Directors, set out in the Power of Attorney are in full force and effect.

In Witness Whereof, I have hereunto set my hand and affixed the seals of said Companies at Westfield Center, Ohio, this 14th day of April A.D., 2020.



Frank A. Carrino, Secretary

**IMPORTANT NOTICE
STATE OF TEXAS
COMPLAINT PROCEDURES**

1. IMPORTANT NOTICE

To obtain information or make a complaint:

2. You may contact your agent.

3. You may call Westfield Insurance Company, Westfield National Insurance Company, and/or Ohio Farmers Insurance Company's toll-free telephone number for information or to make a complaint at:

1-800-243-0210

4. You may also write to Westfield Insurance Company, Westfield National Insurance Company, and/or Ohio Farmers Insurance Company at:

**Attn: Bond Claims
One Park Circle
P.O. Box 5001
Westfield Center, OH 44251-5001
Fax #330-887-0840**

5. You may contact the Texas Department of Insurance to obtain information on companies, coverages, rights or complaints at:

1-800-252-3439

6. You may write to the Texas Department of Insurance, Consumer Protection Section (MC 111-1A):

**P.O. Box 149091
Austin, TX 78714-9091
Fax: (512) 490-1007
Web: www.tdi.texas.gov
E-mail: ConsumerProtection@tdi.texas.gov**

7. PREMIUM OR CLAIM DISPUTES:

Should you have a dispute concerning your premium or about a claim, you should contact the agent, Westfield Insurance Company, Westfield National Insurance Company, or Ohio Farmers Insurance Company first. If the dispute is not resolved, you may contact the Texas Department of Insurance.

8. ATTACH THIS NOTICE TO YOUR POLICY:

This notice is for information only and does not become a part or condition of the attached document.

AVISO IMPORTANTE

Para obtener información o para someter una queja:

Puede comunicarse con su (title) al (telephone number).

Usted puede llamar al número de teléfono gratis de Westfield Insurance Company, Westfield National Insurance Company, and/or Ohio Farmers Insurance Company's para información o para someter una queja al:

1-800-243-0210

Usted también puede escribir a Westfield Insurance Company, Westfield National Insurance Company, and/or Ohio Farmers Insurance Company:

**Attn: Bond Claims
One Park Circle
P.O. Box 5001
Westfield Center, OH 44251-5001
Fax #330-887-0840**

Puede comunicarse con el Departamento de Seguros de Texas para obtener información acerca de compañías, coberturas, derechos o quejas al:

1-800-252-3439

Puede escribir al Departamento de Seguros de Texas, Consumer Protection Section (MC 111-1A):

**P.O. Box 149091
Austin, TX 78714-9091
Fax: (512) 490-1007
Web: www.tdi.texas.gov
E-mail: ConsumerProtection@tdi.texas.gov**

DISPUTAS SOBRE PRIMAS O RECLAMOS:

Si tiene una disputa concerniente a su prima o a un reclamo, debe comunicarse con el agente, Westfield Insurance Company, Westfield National Insurance Company, o Ohio Farmers Insurance Company primero. Si no se resuelve la disputa, puede entonces comunicarse con el departamento (TDI).

UNA ESTE AVISO A SU POLIZA: Este aviso es solo para propósito de información y no se convierte en parte o condición del documento adjunto.

TABLE OF CONTENTS

**RFP-CSP for FILTER REHAB PROJECT
#20-200-01
CITY OF COMMERCE
April 14, 2022**

1. Cover	1
2. Bid Bond	2
3. Key Personnel	6
4. Similar Project Experience	13
5. Key Equipment Quality	16
6. Project Schedule	17
7. Local Contractor Experience	18
8. Bid Proposal	19
9. Solicitation Packet Attachments	22



3.1.1 KEY PERSONNEL

**City of Commerce
RFP-CSP for WTP Filter Rehab Project
#20-200-01**

President ----- Jeff Reynolds

Vice President ----- Kevin Gibson

Safety Manager ----- Sotero Ramirez

Project Manager ----- Stetson Keen

Senior Superintendent ----- Doug King

Superintendent ----- Jay Cashion



Jeff Reynolds – President

EMPLOYMENT	Heritage Constructors, Inc.
2022	President
2017 – 2022	Project Manager
EDUCATION	Kilgore Junior College, Kilgore, TX

Jeff has over 11 years of experience in heavy civil construction. He excels as a leader who is always driven to exceed goals. Before becoming President, Jeff worked in many divisions of the company including project management, supervision, planning, procurement, estimating, scheduling, and budgeting. He is OSHA 30-Hour Certified, CPR/First Aid Certified, and ISO-9001 Quality Assurance Certified.

As President, Jeff's responsibilities include developing and implementing high-level strategies, making major corporate decisions with parent company, Lamar Holdings, managing the overall operations and resources of a company and demonstrating safety leadership. Jeff is responsible for setting up measurable standards of performance for each department and measuring that performance against established goals. In conjunctions with his staff, he establishes company-wide systems and procedures for reporting, project controls, financial controls, and employee relations.

Water/Wastewater Portfolio as a Project Manager

<u>Owner</u>	<u>Project</u>	<u>Contract</u>	<u>Engineer</u>
Bonham, TX	Bonham WWTP	\$2.6 Million	Hayter Engineering
Greenville Public Works Dept.	Greenville Center Point Pressure System	\$4.5 Million	Hayter Engineering
Lavon, TX	Lavon Bear Creek WWTP	\$2.3 Million	Freeman-Millican
TRA	Mt. Creek Filter/Clarifier	\$9.5 Million	CP&Y
TRA	Desoto Chemical Feed	\$1.8 Million	CP&Y
NTMWD	Lake Tawakoni WTP	\$3.5 Million	Black & Veatch
NTMWD	Lake Tawakoni WTP PS	\$3.4 Million	Black & Veatch
Wylie, TX	Wylie Delivery Meter Vault	\$945K	Hazen & Sawyer
McKinney	Ground Storage Tank	\$8.1 Million	Birkhoff, Hendricks
Parker, TX	Dublin Re-lift Station	\$4.2 Million	Black & Veatch
Rockwall, TX	#2 Meter Vault	\$1.0 Million	KSA
NTMWD	Headworks Facility	\$4.0 Million	CDM Smith
NTMWD	Wilson Creek Filter	\$6.2 Million	Alan Plummer



Kevin Gibson – Vice President

EMPLOYMENT Heritage Constructors, Inc.

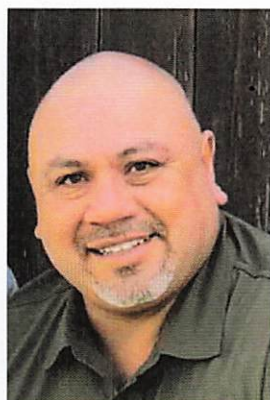
EDUCATION Master of Science – Industrial Technology 2007
Bachelor of Science – Construction Science 2001
Texas A&M University – Commerce

Kevin has over 25 years of experience in the construction industry as a Project Engineer, Estimator and Project Manager constructing buildings, tilt wall structures, hanger renovations, building expansions, storm drainage as well as support systems including chillers, air handlers, boilers, compressed air, plumbing, electrical, CNC machine centers and water treatment. He has completed over \$20MM of design build projects assisting in the planning, design, and construction. Kevin has total project responsibility for budgets, estimating, scheduling, purchasing and performance.

Kevin manages people, processes, procedures, tools, equipment, and technology ensuring a quality project for a competitive price. His focus on positive project results begins with safety first and operational excellence to produce a quality project that Heritage is known for. He is a team leader that communicates with a little “Live” talking to encourage and build up those around him to ensure the continued success of the company.

VICE PRESIDENT

As Vice President of Operations, Kevin’s responsibilities include project oversight and management of daily operations for all construction. Operative aspects include the people, processes, procedures, tools, and technology that support our strategic plan, allowing a company to run efficiently and ensuring successful project for our clients.



Sotero Ramirez ASP, CSHO

EMPLOYMENT Lamar Companies, LLC
2015 - Present Vice President Safety & Risk Management

EDUCATION East Texas State University
B.S. Agriculture Education

Texas A&M University-Commerce Graduate Studies

Associate Safety Professional-29947 Board of Certified
Safety Professionals

Sotero served on the USS Wisconsin during Operation Desert Storm. He received my A.A., from NTCC and B.S. from East Texas State University, and graduate program from Texas A&M University-Commerce. He has completed EMT training, fire fighter school and flight line crash school in the military and civilian programs. He recently completed Associate Safety Professional (ASP) certification to pursue Certified Safety Professional (CSP) credentials.

Sotero spent eighteen years in public, higher and adult education before becoming a fulltime safety professional. He has been involved in welding and construction for more than 30 years. His safety experience has spanned numerous industries such as construction, industrial processing, heavy manufacturing, oil & gas, DOT & transportation.

As Vice President of Safety and Risk Management, he has been afforded the opportunity to ensure employee safety, company stability and client satisfaction. Sotero focuses on leading indicators and is proactive in safety performance, using the latest technology to enhance all areas of safety compliance.



Stetson Keen – Project Manager

EMPLOYMENT Heritage Constructors, Inc.
2020 Project Manager

EDUCATION Bachelor of Engineering and Science, Civil Engineering
 Louisiana Tech University, Ruston, LA

CERTIFICATIONS Certified Engineering Intern
 10-Hr OSHA Training
 AHA CPR and AED Training for Adults, Children, and Infants
 FAA Certified CFR part 107 Remote Pilot
 FEMA Emergency Management Leader

WORK HISTORY

2020 – Present **Heritage Constructors**, Texarkana, TX
 Project Manager

2018 – 2020 **Berry Bros. General Contractors**, Shreveport, LA
 Project Engineer

2014 – 2018 **National Trenchless Technology Center**, Louisiana Tech University, Ruston, LA
 Research Technician

CURRENT PROJECTS AS A PROJECT MANAGER

Owner	Project	Contract	Engineer
North Texas Municipal Water District	Tawakoni WWTP Improvements	\$9,480,000.00	CDM Smith
Hallsville ISD	Hallsville High School Auditorium Addition	\$12,485,100.00	Huckabee and Associates, Inc.

Stetson has experience in creating schedules, preparing safe work plans, managing submittals, RFI's and change orders, preparing estimates, creating 3-D models of projects for earthwork takeoffs and GPS controlled equipment, buyout materials for work to be self-performed, and continuously updating a running directory of resources to streamline future bids.



Doug King

Senior Superintendent

EMPLOYMENT Heritage Constructors, Inc.

EDUCATION Eastfield Community College, Mesquite, TX

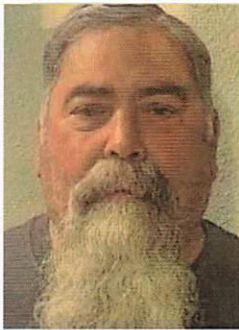
Doug has over 20 years of experience in heavy civil construction of water and wastewater treatment plants and related projects. Doug acts as our Senior Superintendent but has previously held the positions of Project Superintendent, Field Superintendent, and Inspector while gaining experience in East Texas, D/FW, and Louisiana. He is known for taking on challenging and difficult projects and completing the work on time and on or under budget. He has vast knowledge of concrete construction, piping, and equipment installation for heavy civil and industrial construction projects. He has overseen water and wastewater treatment projects with budgets averaging \$50M +.

His most notable projects include:

- \$30M Water Treatment Project in Mt. Pleasant, TX
- \$20M Construction of 5 wastewater pump stations, including pipe connecting all in and out, for City of Baton Rouge, LA
- \$18M TRA Water treatment plant and Lake pump stations for City of Livingston, TX
- Holley Water Treatment Plan for City of Ft. Worth, TX - job punch list and completion
- Dallas Central Wastewater Treatment Plant – job punch list and completion
- \$30M Tawakoni Water Treatment Plant project in Wylie, TX
- \$150M Ozone Project Plants 1,2,3 & 4 in Wylie, TX

SENIOR SUPERINTENDENT

Doug provides project oversight and management of daily operations for wastewater treatment plant and water treatment plant construction. He controls project progress by managing subcontractors and scheduling work, equipment and materials. In addition, he completes job assessments, planning, layouts, material take-offs, bidding of materials, ordering of materials, and delivery scheduling. Doug plays a vital role in controlling project costs by evaluating labor, material, and project costs weekly. His strength lies in problem solving and conflict resolution, using proper documentation to control quality and safety on each job site. He reviews and or maintains all project field contract documents including submittals, drawings, change orders, log books, delivery tickets and invoices including job cost coding, time sheets, and payroll information thru **PROCORE** our Project Management Software. One of his most significant roles is monitoring the adherence of the Heritage Constructors Safety Program and documenting all accidents and incidents.



Jay Cashion Superintendent

2020 - PRESENT

CURRENT PROJECT Hallsville ISD High School Auditorium \$12,485,100

Jay Cashion is an industry veteran with more than 45 years' experience in the field. At an early age of 12, Jay started working every summer with his father who was a Superintendent. His first memorable project with his father was the clubhouse at Cedar Creek Country Club. Jay joined Whatley Construction in 1976 as a walk-on carpentry apprentice. He later grew his way through the ranks as a Lead Carpenter, General Foreman, Assistant Superintendent, Superintendent, and eventually owned a luxury custom home building company at Cedar Creek Lake.

To date, Jay has supervised the construction of industrial, historical, medical, and some of the largest educational facilities in North and East Texas. Jay carried the role of Field Operations Manager for several years, monitoring and directing work performance of project team to include: project site superintendents, subcontractors, suppliers, junior project managers and project coordinators and engineers. His most notable educational projects include the Greenhill School in Addison and the Mansfield ISD Stadium and Aquatic Center. The Athletic Complex for Mansfield ISD was by far his most challenging project, boasting a concrete grandstand seating structure that is constructed with three different, yet slight, rise dimensions, and a natatorium large enough to host three Olympic-sized events simultaneously. On all projects, he ensures that cost and production targets are achieved by adhering to the health and safety regulations. Jay demonstrates leadership and supervisory skills, strong interpersonal and relationship-building skills, and he motivates others to improve their quality of work.

SKILLS

OSHA 10-Hour Training
OSHA 30- Hour
Training PROCORE
PPE
Silica Awareness

CDL
First Aid/CPR Training
Strong management skills
HAZMAT



3.1.2 SIMILAR PROJECT EXPERIENCE

181 Center Point Pressure Improvements – WTP

City of Greenville, Texas

John Wright, P.E.

(903) 457-3135

Budget: \$4,363,168.00

Final Cost: \$4,455,633.89

Completed: May 2020

Description: Improvements including, but not limited to, two 775,000-gallon prestressed concrete ground storage tanks, prefabricated pump station, retrofit of existing pump station, two 20,000 gallon hydropneumatics tanks, yard piping, concrete paving, and miscellaneous appurtenances.

179 TWU Wright Patman WTP – Filter Basin Troughs 5&6

City of Texarkana, Texas & Texarkana Water Utilities

Gary Smith, P.E.

(903) 798-3831

Budget: \$178,220.00

Final Cost: \$178,220.00

Completed: February 2019

Description: Removal and replacement of the backwash troughs in two of the filter basins consisting or removing and replacing twelve fiberglass backwash troughs and appurtenances.

171 TWU Wright Patman WTP – Filter Media Replacement

City of Texarkana, Texas & Texarkana Water Utilities

Gary Smith, P.E.

(903) 798-3831

Budget: \$284,400.00

Final Cost: \$363,963.00

Completed: September 2018

Description: Removal of the existing filter media in all eight filter basins and replacing with new filter media.

170 TWU Wright Patman WTP – Filter Basin Troughs 3&4

City of Texarkana, Texas & Texarkana Water Utilities

Gary Smith, P.E.

(903) 798-3831

Budget: \$137,835

Final Cost: \$137,835

Completed: November 2018

Description: Removal and replacement of twelve backwash troughs and appurtenances in two filter basins .

**168 Lake Halbert/Navarro Mills WTP – Chemical Feed Additions**

City of Corsicana, Texas

Allie Hocutt

(903) 654-4889

Budget: \$435,000.00

Final Cost: \$420,000.00

Completed: July 2018

Description: Improvements including, but not limited to , the construction of liquid ammonium sulfate storage and pumping facilities and piping improvements.

167 Seymour WTP – WTP Improvements

City of Seymour – TWDB

Steve Biederman

(940) 889-3148

Budget: \$2,490,863.16

Final Cost: \$2,614,435.69

Completed: October 2018

Description: Improvements including, but not limited to, two 96 GPM permeate RO contractors and associated equipment, 1100' of 8" class 200 PVC water line, and approximately 15.7 acres of evaporation ponds with synthetic liner and leak detection system.

157 Little River County WTP – Emergency Filter Media Replacement

Little River County Rural Development Authority

(870) 542-7776

Budget: \$80,000.00

Final Cost: \$90,397.00

Completed: January 2016

Description: Removal of the broken clay tile underdrain blocks, cleaning of filter piping, and installing new clay tile underdrain blocks on filter #1. Remove and dispose of existing filter media and installing new filter media for filter #1 & #2.

154 Arkadelphia WTP – Filters 1&2 Media Replacement

City of Arkadelphia, Arkansas

Brenda Gills

(870) 246-5863

Budget: \$99,884.00

Final Cost: \$99,884.00

Completed: October 2015

Description: Remove and replace the filter media in filters 1 and 2 together with incidental and ancillary work.

**153 Little River County WTP – Fluoridation**

Little River County Rural Development Authority

(870) 542-7776

Budget: \$76,993.00

Final Cost: \$76,993.00

Completed: September 2015

Description: Furnish and install a Fluoride Feed System consisting of bulk storage and day use.

152 Cypress Springs WTP – 1 Expansion

City of Cypress Springs, Texas SUD

Kevin Spence

(903) 588-0981

Budget: \$2,689,311.00

Final Cost: \$2,691,068.00

Completed: April 2016

Description: New 1 MGD expansion including, but not limited to: clarifier, filter structure, blower equipment, filter pump station, yard piping, metal building, pumps, and raw water intake.

143 Spiro WTP – Pre-Sedimentation Basin Improvements

City of Spiro, Oklahoma

Ronnie Parent

(918) 962-2477

Budget: \$641,968.00

Final Cost: \$644,034.00

Completed: May 2014

Description: Furnish and install pre-sedimentation solids contact clarifier, sludge blowdown pit, and 12" static mixer with chemical injectors.

128 James Fork WTP – WTP Expansion

James Fork Regional Water District

Wayne Stallings

(479) 650-1380

Budget: \$1,818,732.00

Final Cost: \$1,912,220.00

Completed: November 2011

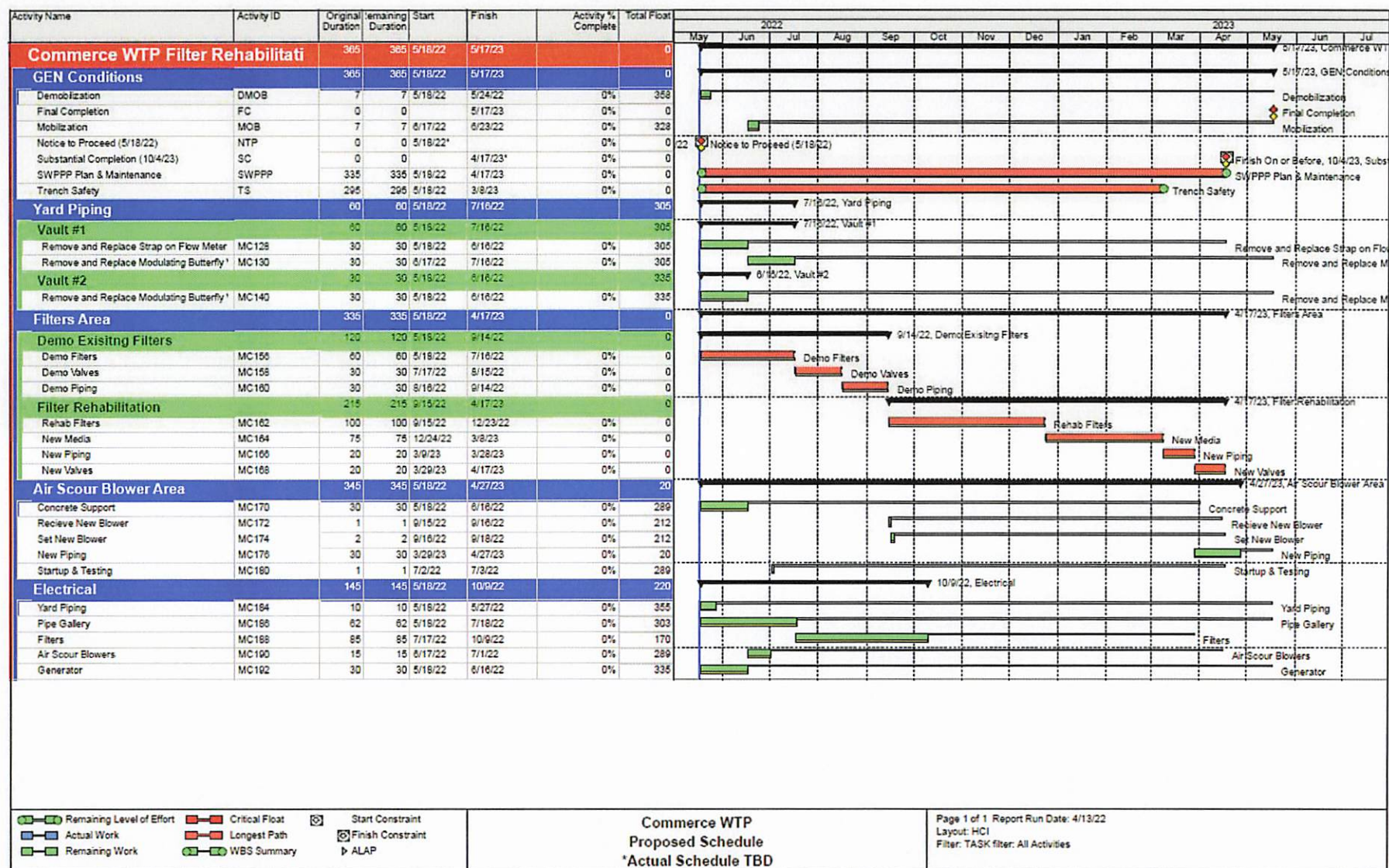
Description: Expansion of Water Treatment Plant consisting of a liquid aluminum system, lime system, two new mechanical filters, clearwell, mixed media sand filter, softening basin controls & instrumentation, and yard piping.



3.1.3 KEY EQUIPMENT QUALITY

**City of Commerce
RFP-CSP for WTP Filter Rehab Project
#20-200-01**

All equipment and materials within the bid meets the plans and specifications provided in the construction plans, and any proposed alternates have been approved by the design engineer.





3.1.5 LOCAL CONTRACTOR EXPERIENCE

City of Commerce RFP-CSP for WTP Filter Rehab Project #20-200-01

This bid includes the use of materials, equipment, or services from the following local companies that has a place of business within the Commerce zip code of 75428.

Ace Hardware

2204 Live Oak Street
Commerce, TX 75428

Zurn Water Solutions

116 Maple Street
Commerce, TX 75248

Fix & Feed Commerce Hardware

2550 Magnum Street
Commerce, TX 75428

J&L Paving, LLC

3491 TX-24
Campbell, TX 75422

BID SCHEDULE

<u>NO.</u>	<u>DESCRIPTION</u>	<u>ESTIMATED QUANTITY</u>	<u>UNIT PRICE</u>	<u>TOTAL PRICE</u>
1.	Mobilization.	1 LS	<u>\$70,000</u>	<u>\$70,000</u>
2.	Demolition of existing filter cell components, including media and underdrains.	6 EA	<u>\$6,110</u>	<u>\$36,660</u>
3.	Refurbish filter cell by installing steel liner (includes cell walls, filter gullet, and floors). Includes sandblasting and priming of existing interior.	6 EA	<u>\$29,684</u>	<u>\$178,104</u>
4.	Sandblast, prime, and paint filter cell liner walls and floor.	6 EA	<u>\$12,036</u>	<u>\$ 72,216</u>
5.	Install control rods and associated components in filter cells.	24 EA	<u>\$ 800</u>	<u>\$19,200</u>
6.	Install new filter components including media, underdrains, and air scour hoses. Installed and complete.	1 LS	<u>\$414,709</u>	<u>\$414,709</u>
7.	Install 6" check valve on air scour discharge piping.	1 EA	<u>\$6,400</u>	<u>\$ 6,400</u>
8.	Remove and replace 4" air scour butterfly valve and pneumatic actuator. (Includes 6 on filter cells, and 1 on the existing air scour piping).	7 EA	<u>\$6,315</u>	<u>\$ 44,205</u>
9.	Install 3" air scour butterfly valve on proposed blower piping.	1 EA	<u>\$3,000</u>	<u>\$ 3,000</u>
10.	Remove and replace 8" backwash butterfly valve and pneumatic actuator, (includes 6 on filter cells and 1 modulating on backwash line).	7 EA	<u>\$7,358</u>	<u>\$51,506</u>
11.	Remove and replace 8" effluent butterfly valve and pneumatic actuator (modulating).	6 EA	<u>\$ 10,000</u>	<u>\$60,000</u>
12.	Remove and replace 8" influent butterfly valve and pneumatic actuator.	6 EA	<u>\$ 7,000</u>	<u>\$ 42,000</u>
13.	Remove 8" backwash propellor meter	1 EA	<u>\$ 7,000</u>	<u>\$7,000</u>

and orifice plate and replace with 8"
electromagnetic flow meter and
spool piece.

14.	Remove and replace 6" clarifier drain line plug valve.	1 EA	\$ <u>9,800</u>	\$ <u>9,800</u>
15.	Remove and replace 10" check valve on backwash pump.	1 EA	\$ <u>4,000</u>	\$ <u>4,000</u>
16.	Remove and replace 14" raw water flow control butterfly valve and modulating actuator, in raw water vault #1.	1 EA	\$ <u>25,000</u>	\$ <u>25,000</u>
17.	Install strap – on flow meter in raw water vault #1.	1 EA	\$ <u>4,000</u>	\$ <u>4,000</u>
18.	Remove and replace modulating pneumatic actuator on existing butterfly valve in raw water vault #2.	1 EA	\$ <u>23,000</u>	\$ <u>23,000</u>
19.	Install orifice plate in filter feed pipe.	6 EA	\$ <u>1,500</u>	\$ <u>9,000</u>
20.	Install new blower for air scour system and associated piping.	1 LS	\$ <u>32,000</u>	\$ <u>32,000</u>
21.	Install new compressor and piping for pneumatic valve actuators. Remove and replace desiccant dryer assembly with associated piping. Install pressure relief valve on existing compressor.	1 LS	\$ <u>30,000</u>	\$ <u>30,000</u>
22.	Remove and replace scales for chlorine ton cylinders.	1 LS	\$ <u>30,000</u>	\$ <u>30,000</u>
23.	Electrical work, including installation of generator (furnished by OWNER), installed and complete.	1 LS	\$ <u>330,000</u>	\$ <u>330,000</u>
24.	Remove double cleanouts from sludge drain.	1 LS	\$ <u>2,000</u>	\$ <u>2,000</u>

One Million Five Hundred and Three Thousand Eight Hundred Dollars
TOTAL BID: _____ \$ 1,503,800
(USE WORDS) (FIGURES)

ADDITIVE ALTERNATE:

AA1. Water blast and paint exterior filter walls (both banks). Includes protection of existing electrical equipment and process equipment.	1 LS	\$ <u>50,000</u>	\$ <u>50,000</u>
--	------	------------------	------------------

TOTAL AA1: <u>Fifty Thousand Dollars</u>	\$ <u>50,000</u>
(USE WORDS)	(FIGURES)

DEDUCTIVE ALTERNATE:

DA1. Remove the new steel filter cell wall liner from the project. Sandblast, prime, and paint the interiors only. Install the liner in the gullet and on top of the concrete support after the existing underdrains have been removed.	1 LS	\$ <u>69,000</u>	\$ <u>69,000</u>
---	------	------------------	------------------

TOTAL DA1: <u>Sixty-Nine Thousand Dollars</u>	\$ <u>69,000</u>
(USE WORDS)	(FIGURES)

The OWNER reserves the right to consider only the base bid when scoring the proposals or may use the base bid plus any combination of alternate bid items to score the proposals.

City of Commerce
RFP-CSP for WTP Filter Rehab Project

ATTACHMENT A-ACKNOWLEDGMENT

The undersigned agrees this submission becomes the property of the City of Commerce (City) after the official opening.

I understand that my submission may be treated as a public record under the Texas Public Information Act. I have marked pages that I consider to be confidential as "confidential." I further **INDEMNIFY AND HOLD HARMLESS** the City for the release of any portion of my information, as may be required by law.

The undersigned affirms he has familiarized himself with the specification, drawings, exhibits and other documents; the local conditions under which the work is to be performed; satisfied himself of the conditions of delivery, handling and storage of materials and equipment; and all other matters that will be required for the work before submitting a response.

The undersigned agrees, if this submission is accepted, to furnish any and all items/services upon which prices are offered, at the price(s) and upon the terms and conditions contained in the specification. The period for acceptance of this submission will be 120 calendar days unless a different period is noted.

The undersigned affirms that they are duly authorized to execute this contract, that this submission has not been prepared in collusion with any other Respondent, nor any employee of the City, and that the contents of this submission have not been communicated to any other Respondent or to any employee of the City prior to the acceptance of this submission.

Respondent hereby assigns to the City any and all claims for overcharges associated with this contract which arise under the antitrust laws of the United States, 15 USCA Section 1 et seq., and which arise under the antitrust laws of the State of Texas, Tex. Bus. & Com. Code, Section 15.01, et seq.

The undersigned affirms that they have read and do understand the specifications, all exhibits and attachments contained in this solicitation package.

The undersigned agrees that the solicitation package posted on the website are the official specifications and shall not alter the electronic copy of the solicitation package, without clearly identifying changes.

The undersigned understands they will be responsible for monitoring the City Purchasing Website at: www.commercetx.org to ensure they have downloaded and signed all addendum(s) required for submission with their response.

I certify that I have made no willful misrepresentations in this submission, nor have I withheld information in my statements and answers to questions. I am aware that the information given by me in this submission will be investigated, with my full permission, and that any misrepresentations or omissions may cause my submission to be rejected.

In submitting a response to the City, the responder offers and agrees that if the response is accepted, the responder will convey, sell, assign or transfer to the City all rights, titles and interest in and to all causes to action it may now or hereafter acquire under the Anti-trust laws of the United States and the State of Texas for price fixing relating to the particular commodities or services purchased or acquired by the City. At the City's discretion, such assignment shall be made and become effective at the time the City tenders final payment to the responder. Acknowledge receipt of following addenda to the solicitation:

Addendum No 1 Dated April 6, 2022
Addendum No 2 Dated April 12, 2022
Addendum No 3 Dated _____

Received April 7, 2022
Received April 13, 2022
Received _____

NAME AND ADDRESS OF COMPANY:

3737 Lamar Avenue
Suite 700
Paris, TX 75460

Tel. No. (903) 784-4321

AUTHORIZED REPRESENTATIVE:

Signature _____
Date April 14, 2022
Name Jeff Reynolds
Title President
Email. jreynolds@hci1980.com

ATTACHMENT B

BOARD RESOLUTION OF HERITAGE CONSTRUCTORS, INC. APPOINTING OFFICERS DULY PASSED ON MARCH 25, 2022

APPOINTMENT OF OFFICERS

RESOLVED, that the following persons are elected to the office(s) indicated next to their names to serve until their successor(s) shall be duly elected, unless he or she resigns, is removed from office, or is otherwise disqualified from serving as an officer of this corporation, to take their respective office(s) immediately upon such appointment:

Office	Name
Chief Executive Officer	Brad Drake
President	Jeff Reynolds
Vice President	Kevin Gibson
Executive Officer	Walt Gamblin
Executive Officer	Sotero Ramirez
Treasurer	Julia Drake
Secretary	Matt Hanley

RESOLVED FURTHER, that the officers of this corporation are, and each acting alone is, hereby authorized to do and perform any and all such acts, including execution of any and all documents and certificates, as such officers shall deem necessary or advisable, to carry out the purposes and intent of the foregoing resolutions.

RESOLVED FURTHER, that any actions taken by such officers prior to the date of the foregoing resolutions adopted hereby that are within the authority conferred thereby are hereby ratified, confirmed, and approved as the acts and deeds of this corporation.

It is hereby certified by the undersigned that the foregoing resolution was duly passed by the Board of Directors of the above-named Company on the 25th day of March 2022 in accordance with the Memorandum or By-Laws and Articles of Incorporation of the Company and the laws and by-laws governing the Company and that the said resolution has been duly recorded in the Minutes Book and is in full force and effect.



Brad Drake, Director

Heritage Constructors, Inc.
3737 Lamar Ave., STE 700
Paris, TX 75460

Bid Tabulation

City of Commerce
WTP Filter Rehab #20-200-01
HEI #950115
April 14, 2022
2:00 p.m.

Item	Description	Estimated Quantity	Heritage Constructors, Inc.		Gracon Construction, Inc.	
			Unit Price	Total Price	Unit Price	Total Price
1	Mobilization.	1 LS	\$70,000.00	\$70,000.00	\$102,000.00	\$102,000.00
2	Demolition of existing filter cell components, including media and underdrains.	6 EA	\$6,110.00	\$36,660.00	\$15,000.00	\$90,000.00
3	Refurbish filter cell by installing steel liner (includes cell walls, filter gullet, and floors). Includes sandblasting and priming of existing interior.	6 EA	\$29,684.00	\$178,104.00	\$54,000.00	\$324,000.00
4	Sandblast, prime, and paint filter cell liner walls and floor.	6 EA	\$12,036.00	\$72,216.00	\$9,000.00	\$54,000.00
5	Install control rods and associated components in filter cells.	24 EA	\$800.00	\$19,200.00	\$700.00	\$16,800.00
6	Install new filter components including media, underdrains, and air scour hoses. Installed and complete.	1 LS	\$414,709.00	\$414,709.00	\$735,000.00	\$735,000.00
7	Install 6" check valve on air scour discharge piping.	1 EA	\$6,400.00	\$6,400.00	\$6,000.00	\$6,000.00
8	Remove and replace 4" air scour butterfly valve and pneumatic actuator. (Includes 6 on filter cells, and 1 on the existing air scour piping).	7 EA	\$8,315.00	\$44,205.00	\$7,800.00	\$54,600.00
9	Install 3" air scour butterfly valve on proposed blower piping.	1 EA	\$3,000.00	\$3,000.00	\$1,300.00	\$1,300.00
10	Remove and replace 8" backwash butterfly valve and pneumatic actuator. (Includes 6 on filter cells and 1 modulating on backwash line).	7 EA	\$7,358.00	\$51,506.00	\$11,100.00	\$77,700.00
11	Remove and replace 8" effluent butterfly valve and pneumatic actuator (modulating).	6 EA	\$10,000.00	\$60,000.00	\$7,400.00	\$44,400.00
12	Remove and replace 8" influent butterfly valve and pneumatic actuator.	6 EA	\$7,000.00	\$42,000.00	\$7,400.00	\$44,400.00
13	Remove 8" backwash propeller meter and orifice plate and replace with 8" electromagnetic flow meter and spool piece.	1 EA	\$7,000.00	\$7,000.00	\$9,000.00	\$9,000.00
14	Remove and replace 6" clarifier drain line plug valve.	1 EA	\$9,800.00	\$9,800.00	\$13,400.00	\$13,400.00
15	Remove and replace 10" check valve on backwash pump.	1 EA	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00
16	Remove and replace 14" raw water flow control butterfly valve and modulating actuator, in raw water vault #1.	1 EA	\$25,000.00	\$25,000.00	\$16,400.00	\$16,400.00
17	Install strap - on flow meter in raw water vault #1.	1 EA	\$4,000.00	\$4,000.00	\$5,600.00	\$5,600.00
18	Remove and replace modulating pneumatic actuator on existing butterfly valve in raw water vault #2.	1 EA	\$23,000.00	\$23,000.00	\$12,000.00	\$12,000.00
19	Install orifice plate in filter feed pipe.	6 EA	\$1,500.00	\$9,000.00	\$1,100.00	\$6,600.00
20	Install new blower for air scour system and associated piping.	1 LS	\$32,000.00	\$32,000.00	\$56,000.00	\$56,000.00
21	Install new compressor and piping for pneumatic valve actuators. Remove and replace desiccant dryer assembly with associated piping. Install pressure relief valve on existing compressor.	1 LS	\$30,000.00	\$30,000.00	\$27,000.00	\$27,000.00
22	Remove and replace scales for chlorine ton cylinders.	1 LS	\$30,000.00	\$30,000.00	\$26,000.00	\$26,000.00
23	Electrical work, including installation of generator (furnished by OWNER), installed and complete.	1 LS	\$330,000.00	\$330,000.00	\$400,000.00	\$400,000.00
24	Remove double cleanouts from sludge drain.	1 LS	\$2,000.00	\$2,000.00	\$2,700.00	\$2,700.00
TOTAL BASE BID				\$1,503,800.00		\$2,128,900.00
ADDITIVE ALTERNATE:						
AA1	Water blast and paint exterior filter walls (both banks). Includes protection of existing electrical equipment and process equipment.	1 LS	50000	\$50,000.00	130000	\$130,000.00
TOTAL ADDITIVE ALTERNATE				\$50,000.00		\$130,000.00
DEDUCTIVE ALTERNATE:						
DA1	Remove the new steel filter cell wall liner from the project. Sandblast, prime, and paint the interiors only. Install the liner in the gullet and on top of the concrete support after the existing underdrains have been removed.	1 LS	69000	\$69,000.00	-100000	-\$100,000.00
TOTAL DEDUCTIVE ALTERNATE				\$69,000.00		-\$100,000.00