

**WEIRTON SANITARY BOARD
BROOKE COUNTY, WEST VIRGINIA**

CONTRACT #1 – WASTEWATER TREATMENT PLANT UPGRADE

ADDENDUM #1

October 19, 2023

THRASHER PROJECT #020-01649

TO WHOM IT MAY CONCERN:

A Pre-Bid Conference was held on Wednesday, October 18, 2023, on the above-referenced project. A copy of the sign in sheet and meeting minutes are included in this Addendum #1. The following are clarifications and responses to questions posed by contractors for the above reference project.

A. GENERAL

1. The deadline for questions is 4:00 PM Friday, November 3, 2023.
2. The Engineer's estimate of probable construction costs is \$24,000,000.00.

B. SPECIFICATIONS

1. NOT APPLICABLE

C. DRAWINGS

1. NOT APPLICABLE

D. QUESTIONS AND RESPONSES

QUESTION

1. Who is responsible for the construction management for the project?

RESPONSE

Construction management will be performed by Thrasher.

QUESTION

2. Is pre-cast post tensioned concrete considered an acceptable alternate for the SBR Basins?

RESPONSE

Yes.

QUESTION

3. Does the city have a location to dispose of excess fill?

RESPONSE

No.

QUESTION

4. Is there sales tax for this project?

RESPONSE

The Sanitary Board is exempt from West Virginia State Sales Tax. The tax exemption number will be provided to the successful bidder upon award of the contract.

QUESTION

5. Do Buy America Build America (BABA) requirements apply to this contract.

RESPONSE

No.

E. CLARIFICATIONS

1. Pre-Bid Meeting Minutes and Sign-In Sheets from the Pre-Bid Conference are included with this Addendum #1.
2. Davis-Bacon Wage Rates DO apply to this project.
3. DBE Requirements DO apply to this project.
4. American Iron and Steel (AIS) requirements DO apply to this project.

5. B&O Taxes DO apply to this project. The B&O tax is 2% for all costs over \$100,000.00.
6. A City of Weirton Business License is required for the project. The license fee is \$15.
7. A City of Weirton Building Permit is required for this project. The fee schedule for Building Permits is included with this Addendum #1.
8. Bidders are hereby notified to acknowledge receipt of all addenda in the space provided within the Bid Opening Requirements and on the Bid Form.

If you have any questions or comments, please feel free to contact me at your earliest convenience. As a reminder, bids will be received until 11:00 a.m. on Thursday, November 16, 2023, at 200 Municipal Plaza, Room 201, Weirton, WV. Good luck to everyone and thank you for your interest in the project.

Sincerely,

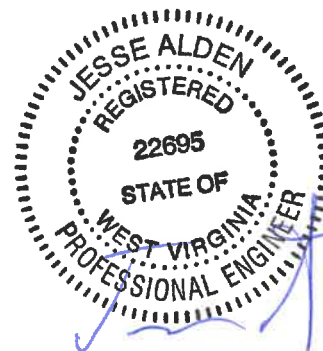
THE THRASHER GROUP, INC.



JESSE ALDEN, P.E.

Project Manager

*Enclosures: Pre-Bid Meeting Sign-In-Sheet
Pre-Bid Meeting Minutes
Weirton Building Permit Fee Schedule*



10-19-2023

**WEIRTON SANITARY BOARD
BROOKE COUNTY, WEST VIRGINIA
CONTRACT #1: WASTEWATER TREATMENT PLANT UPGRADE**

PRE-BID CONFERENCE
Wednesday, October 18, 2023

Thrasher Project #020-01649

Name	Representing	Phone #	Email Address
JESSE ALDEN	THRASHER		
Paul Daniels	WUDED	304-926-0499 Ext 25223	Paul.E-Daniels@cwv.gov
Michael Ogge	Eltron Technologies	410.822.8250 410.600.5668	mikeogge@elcontech.com
Wayne Russell	Precision Pump	304 543 0550	wrusselleppus.com
Tom Rose	TRETON CONST.	304-590 2449	john.rose@TRETONTWV.COM
Shawn Weyer	KLH Engineers	412-496-5887	Swenger@klhengineers.com
William Uglund	Orders Construction	304-561-5404	WilliamU@OrdersConstruction.COM
Richard Dhalek	WSB	304-374-6121	
Brian Jurosko	WSB	304 670 1801	

Name	Representing	Phone #	Email Address
Greg DeMartín	Cattrell Companies	740 837 2481	gdemartin@cattrell.com
Ben Erste	BHS	740-282-3685	berste@bhj.mp.org
Steve McMannis	Mele & Mele & Sons	412-606-3863	smcmannis@meleinc.com
Kevin McDevitt	Learco Equipment	412-215-6158	kmcdevitt@learco-inc.com
Frank Floe	James White Construction	304-748-8181	ffloe@jameswhiteconstruction.com
Jasen B. Havens	WAWB	304-479-0266	jhavens@wawb.com
Travis Car	Masterpiece Masons	304-975-0928	thombranson@icloud.com
Craigs Cocker	Biss Nuss, INC	724-316-3748	ccucker@bissnussinc.com
Mike Rateliffe	H.E. Neumann. Co	304-232-3040	MRateliffe@HENeumann.com
A.D. Mas & Anton	Weinton San. Bd	304-374-1923	
Tom Crawford	Kekering Ins. Inc	412-518-2107	tm@kkesing.biz

WEIRTON SANITARY BOARD

**5000 Freedom Way
Weirton, WV 26062
Phone: (304)-797-8550
Fax: (304)-797-8551**

THE THRASHER GROUP, INC.

**1000 Corporate Landing
Charleston, WV 25311
Telephone # (304) 343-7601
Fax: (304)-343-7604**

**PRE-BID CONFERENCE
MEETING NOTES**

PROJECT LOCATION: Brooke County, West Virginia

ENGINEER'S PROJECT #: 020-01649

DATE OF CONFERENCE: Wednesday, October 18, 2023, at 10:00 a.m. LPT

CONFERENCE LOCATION: Weirton Municipal Building Room 201
200 Municipal Plaza
Weirton, WV 26062

PRE-BID AGENDA

I. Introductions

- **Butch Mastrantoni: Utilities Director**
- **Rick Ohalek: Assistant Utilities Director (Sewer)**
- **Jasen Havens: Assistant Utilities Director (Water)**
- **Mike Adams: City Manager**
- **Jesse Alden: Project Manager**
- **Ben Erste: BHJ Administrator**
- **Paul Daniels: WVDEP**

II. General Project Description

Our goal is to expand the existing facility's capacity from 4.0 MGD to 8.0 MGD. New structures include a headworks building, SBR basins, and EQ basins. We will also be replacing existing equipment which is undersized and/or at the end of its useful life. The contract also includes minor modifications to Owner's existing 5th Street Lift Station, to plug overflow piping which currently runs to the Ohio River.

III. General Bidding Information

a. General

1. Contract #1 – Wastewater Treatment Plant Upgrade

- Bid Opening Thursday, November 16, 2023, at 11:00 a.m. LPT.**
- Bid Opening will be in the same location as the pre-bid meeting.**

2. Two-Envelope System

- Envelope 1: Contains BOR (in blue) and Envelope 2.**
 - **Name and address of bidder.**
 - **“Bid for Contract #1: Wastewater Treatment Plant Upgrade”**
 - **“Weirton Sanitary Board”**
- Envelope 2: Contains Bid Form (in yellow).**
 - **Place in Envelope 1.**
 - **Label “Bid Proposal”.**

3. Contract Time

- i. Substantial Completion: 540 days**
- ii. Final Payment: 570 days**
- iii. Liquidated Damages: \$1,000.00/day**

b. Bid Opening Requirements

Blue pages, to be included in Envelope #1.

1. Bid Submitted on Time

2. Attended Mandatory Pre-Bid Conference

3. Bid Bond

4. Certification of Non-Segregated Facilities

5. EEO Certification

6. Certification of receipt of all addenda to Plans/Specs

7. West Virginia Drug Free Workplace Conformance Affidavit

8. American Iron and Steel Requirements

9. Disadvantaged (Small, Minority, and Women's) Business Enterprises Certification

10. Current copy of WV Contractor's License

c. Bid Form

Yellow pages, to be included in Envelope #2. 5 LS Bid Items, including an allowance for electrical service upgrades.

d. Method of Award

Lowest responsive responsible bidder.

IV. Details of Project

a. Construction Sequence of Events

See Section 011000 – Summary for a suggested sequence of events. The overall goal is to minimize disruptions to Owner's ability to treat wastewater and maintain operations during construction.

b. Material and Equipment

- Construct a new headworks building including concrete channels, mechanical bar screen, manual bar screen, vortex grit removal system, grit classifier, and electrical control room.**

- **Construct two (2) SBR Basins with flow splitter box, pre-react zones, air diffusers, decant mechanisms, sludge pumps, and other necessary appurtenances.**
- **Construct two (2) EQ basins (future SBR Basins) with air diffusers, drain pumps, and other necessary appurtenances. EQ basin dimensions and configuration shall be identical to the SBR basins.**
- **Construct new blower building with five (5) blowers providing aeration air to the SBR basins and EQ basins.**
- **Remove and replace the existing mechanical bar screen with a center-flow bar screen in the existing control building.**
- **Remove and replace the existing primary grit air diffusers, grit screw, and grit elevator components. Install a sump pump and piping in the grit elevator sump.**
- **Remove and replace existing raw sewage pumps and associated valves, flow meters, and piping.**
- **Remove floor sections to facilitate future removal and maintenance of raw sewage pumps.**
- **Renovate existing control building. Replace existing doors and windows. Reconfigure HVAC system.**
- **Remove and replace existing secondary grit auger and drive, grit pumps, grit classifier, and associated piping and appurtenances. Renovate HVAC in existing secondary grit building.**
- **Remove and replace existing primary clarifier scum pump and associated appurtenances. Install new removable trash basket on inlet piping.**
- **Remove and replace existing air diffusers in Aeration Basin #1. Install DO sensors in aeration basins.**
- **Rebuild four (4) existing blowers. and equip with new VFDs to support set-point DO regulation. Integrate blower controls with new aeration basin DO sensors. Renovate HVAC system in existing blower building.**

- **Remove and replace existing secondary clarifier sludge collection equipment, effluent troughs, and other appurtenances.**
- **Remove and replace existing RAS and WAS pumps, valves, and piping.**
- **Remove existing UV disinfection equipment. Modify UV channel as needed to install new equipment with greater capacity.**
- **Miscellaneous valve and slide gate replacements throughout existing process.**
- **Remove and replace air diffusers in the existing Aerobic Digester #1. Install sludge decant pump in Aerobic Digester #2.**
- **Remove and replace demisters exhaust vents, and blowers in existing odor control building.**
- **Install new cover and two (2) hyperbolic mixers in existing post-ATAD Storage Tank #1. Install second sludge transfer pump in existing post-ATAD sludge piping gallery.**
- **Expand the existing sludge press from four (4) channels to six (6). Remove and replace grit auger components in the sludge press and rotary drum thickener.**
- **Construct new electrical room in existing sludge handling building. Relocate existing MCC therein. Renovate HVAC system in existing sludge handling building.**
- **Remove and replace existing non-potable water pumps drawing water from the secondary clarifier effluent. Modify non-potable water pipe network as indicated to maintain adequate pressures.**
- **Remove and/or selectively demolish unused equipment in the existing control building, post-ATAD Storage Tank #2, and post-ATAD piping gallery. Modify HVAC system in existing post-ATAD piping gallery.**
- **Modify site piping to accommodate proposed new structures.**
- **Relocate existing fencing to accommodate new structures.**
- **Demolish existing abandoned structures on site.**
- **Construct access road to new blower building.**

- **Integrate new equipment with existing SCADA system.**
- **Upgrade site electrical service. Coordinate with First Energy.**
- **Plug existing overflow piping to Ohio River at existing 5th Street Lift Station.**
- **Engineer's Cost Estimate: \$24,000,000.00**

c. Existing Conditions

Thrasher has a geotechnical report prepared by American GeoTech, Inc. The report describes soil conditions beneath the proposed new structures and provides recommendations for foundations and dewatering. Waivers are available to sign for Contractors wishing to be provided with a copy of the report.

V. Submittals

See Section 013000 for details. Submittals will be submitted electronically via Submittal Exchange. However, one (1) supplemental paper copy is also required for submission to the Engineer.

VI. Permits: **All permits have been obtained for the project.**

- a. **WVDEP Finding of No Significant Impact**
- b. **NPDES Permit Modification**
- c. **NPDES Construction Stormwater Permit**

VII. B & O Taxes/Building Permits

- a. **B&O Taxes are 2% for all costs over \$100,000.00.**
- b. **A City of Weirton Business License is required - \$15.00.**
- c. **A City of Weirton Building Permit is required. Permit fee schedule will be included with the first Addendum #1.**

VIII. Addressing Questions

Questions will only be accepted via email. Contact Jesse Alden and copy Elijah Schultz (jalden@thethrashergroup.com and eschultz@thethrashergroup.com respectively). Reference Weirton Sanitary Board – Contract #1: Wastewater Treatment Plant Upgrade. Please cite plan sheets and specification sections relevant to your questions.

IX. Addendum

Last day for questions is 4:00 p.m. Friday, November 3, 2023. Final addendum will be sent to all plan holders by COB on November 10, 2023.

X. Funding Agencies

This project is funded by a loan from the WVDEP CWSRF (including debt forgiveness), a grant from the WDA EEGF, and a grant from the City of Weirton's ARPA allocation. Federal wage rates DO apply to this project. AIS requirements DO apply to this project.

XI. Brooke Hancock Jefferson Metropolitan Planning Commission

XII. West Virginia Department of Environmental Protection

XIII. Weirton Sanitary Board

XIV. Site Visits

Site visits shall be coordinated with Rick Ohalek.

- **Monday-Friday; 8:00 a.m. – 4:00 p.m.**
- **Call (304)-797-8550 Ext. 14**

XV. Question and Answer Session

City of Weirton

Building and Zoning Permit Schedule

Permits Residential

Zoning Permit -accessory	\$15.00
New business/SFD/addition/attached garage	\$25.00
<u>Building Permit</u>	<u>Cost of Project</u>
\$0	\$0 to \$1,000
\$10	\$1,001 to \$2,000
\$5.00/thousand	\$2,001 to \$1,000,000
\$2.50/thousand	\$1,000,001 and above

Permits Commercial & Industrial

<u>Zoning Permit</u>	
\$25.00	Under 1 acre
\$25.00	1 acre site
\$10.00	each additional acre
<u>Building Permit</u>	<u>Cost of Project</u>
\$5	\$0 to \$1,000
\$10	\$1,001 to \$2,000
\$5.00/thousand	\$2,001 to \$1,000,000
\$4.00/thousand	\$1,000,001 to \$5,000,000
\$3.00/thousand	\$5,000,001 and above

Example: \$2,000,000 cost of project.....\$5,000 for the first million (\$5/thousand) and \$4,000 (\$4/thousand) for the second million. Total cost \$9,000

Other Permits & Fees

Sign Permit	\$15.00
Home Occupation Permit	\$15.00
Accessory Permit	\$15.00
Certificate of Occupancy	No fee
Administrative Appeal	\$100.00
Conditional Use	\$100.00
Variance	\$100.00
Re Zoning	\$100.00
Text Amendment	\$75.00
PUD/PDD	\$25.00
(sketch plan submission)	\$25.00
(preliminary plan submission)	\$75.00
(final plan submission)	\$75.00
Sub Divisions	
Minor Subdivisions	\$25.00
Major Subdivisions	
First 3 lots	\$100.00
Each additional	\$10.00