

ADDENDUM 2

November 26, 2018

WET WEATHER COMBINED SEWER STORAGE – PHASE 1

CONTRACT NO. W-17-004-101

CITY OF CHATTANOOGA, TENNESSEE

The following changes shall be made to the Contract Documents, Specifications, and Drawings:

Project Manual – Volume I

1. Section 00 52 00, Agreement

Article 4, Contract Times, Paragraph 4.02

- Add: B. Contractor shall receive an additional 120 calendar days to complete Bid Form Part 2 Alternate No. 1, Prestressed Concrete Tank 3, after substantial completion of Part 1 Base Bid.
- Add: C. Contractor shall receive an additional 30 calendar days to complete Bid Form Part 3 Alternate No. 2, CSSPS Monorail hoist, after substantial completion of Part 1 Base Bid.
- Add: D. Contractor shall receive an additional 60 calendar days to complete Bid Form Part 4 Alternate No. 3, 680 LF of 36-inch DI Forcemain, after substantial completion of Part 1 Base Bid.

2. Section 00 80 00, Wage Rate General Decision

- Replace: General Decision Number: TN180146 *07/06/2018* TN146
- With: General Decision Number: TN180146 *11/09/2018* TN146

Project Manual – Volume II

1. Section 31 23 23, Dynamic Compaction

- Omit: Delete the specification from the Project Manual in its entirety.

2. Section 33 05 61, Utility Structures

Part 2, Products, Paragraph 2.10 Joint Sealant

- Add: B. External joint sealant collar shall consist of a 9” wide band and have an outer layer of polyethylene with an under layer of rubberized mastic reinforced with a woven polypropylene fabric. Within the collar shall be two steel straps inside tubes so they can move freely when tightened. External joint sealant collars shall be manufactured by Cretex Specialty Products or approved equal.

Additional Information

- a. Pre-Bid Meeting Sign-In Sheet (attached)
- b. Pre-Bid Meeting Agenda w/Notes (attached)
- c. 00 80 00 Wage General Decision TN 146 dated 11/9/2018 (attached)
- d. This site will be available all day Thursday November 29, 2018 for Contractor site visits.

Questions/Responses

1. **Question:** A pile layout is given on Sheet M300. May the tank designer incorporate an alternate layout into their tank design for bidding purposes using the same pile loading parameters if it produces a more cost effective solution?

Answer: Yes, tank designer shall be permitted to optimize the pile layout for bidding purposes.

2. **Question:** I am working on the site work for the upcoming Chattanooga, TN WWCSS project bid. If there is an existing and proposed grading plan cad file available to the contractors, I would like to request it. If necessary I can sign a waiver to obtain the cad file.

Answer: CAD files shall be made available to the selected Contractor after award of the Contract.

3. **Question:** Dynamic Compaction (Section 31 23 23) is included in the bid documents, but no call for this item is found elsewhere. Please confirm this section is not applicable to this project.

Answer: The Dynamic Compaction specification has been removed from the Project Manual per Project Manual – Volume II, Item 1, as stated above.

4. **Question:** Sheet C901/Detail 024400 depicts 6' tall fence fabric. Section 32 31 14, Articles 1.01.B and 2.02.B indicate 8' tall fence fabric. Please clarify what is intended.

Answer: An 8' tall fence fabric is required.

5. **Question:** Sheet C901/Detail 024400 depicts fence line posts are to be 10'-0" on center (typ). Section 32 31 14, Article 3.02.C indicates line posts are to be 8'-0" on center. Please clarify what is intended.

Answer: Line posts shall be 8'-0" on center.

6. **Question:** Sheet C200 indicates the gate at the primary entrance is to be 25 feet wide. Sheet C202 indicates this gate is to be 28 feet wide. Please clarify what is intended.

Answer: The Primary Entrance Gate shall be 28' wide.

7. **Question:** Section 02 61 00, Article 3.04.A states "...shall be included in the per cubic yard bid for this project." Section 00 41 00, Article 5, Item 21, indicates the unit of measure is "Tons". Please clarify the co

Answer: Payment for removal of third party identified contaminated soils encountered during site excavation shall be paid for by the ton per the corresponding weight ticket generated at the disposal landfill. It shall be the contractor's responsibility to maintain dewatering wells during this excavation to prevent removal of saturated soils.

- 8. Question:** On sheet C101, Demo/Abandon Note 4 indicates the building, slab, and adjacent gravel area shall remain in service. On sheet C300, a note states a delineated "Area shall be preserved for future construction. No permanent items may be constructed within this boundary during construction of the storage facility." New finished grade contours are shown across both of these areas, which indicate grading work is intended. Please clarify what work is expected for these areas.

Answer: A future warehouse constructed by others is planned for this area, therefore no new construction is permitted at this time other than that shown in the Storage Facility Drawings in the current bid documents. During construction of the storage facility the Constructor may use the existing metal building as a field office as well as the area around it for a laydown area. The proposed grades shown on sheet C300 indicate how the site should be left and stabilized at Final Completion.

Supplemental Information by Others

1. Davis-Bacon and Related Acts (DBRA) (attached)

November 26, 2018

/s/ Justin C. Holland, Administrator
City of Chattanooga
Department of Public Works

Meeting: Pre-Bid

SIGN-IN SHEET

Project: Wet Weather Combined Storage - Phase 1 - W-17-004

Meeting Date: November 20, 2018

Location: MB WWTP Training Room

Name	Organization & Role	Phone	E-Mail
Rick Kesler	Hazen Construction - GC	423-263-5561	cosborne@hazenconstruction.com rkesler@hazenconstruction.com
James Young	Hazen - GC	423-263-5561	" "
Jon Cook	Rusby Collins - GC	770-402-2969	JCOOK@RUSBY-COLLINS.COM
John Myhr	Garney Construction - GC	615-642-7173	jmyhr@garney.com
S Porter	COG	598-1962	SPorter@ibatt.org
Phillip Skipper	Praxair and Goreau - GC	209-545-3346	PHILIPPER@PRAXAIRFIELDGOREAU.COM
Owen S. Youm	Jody Construction Co. - GC	859-234-6900	OWEN@JODYCONSTRUCTION.CO.COM
Tal madge Mincey	CROM	352-262-4121	tbmc@cromcorp.com
Steve Stewart	clearly construction	615-714-0951	estimating@clearlyconst.com
Andrew Howe	HAZEN	865-281-8150	ahowe@hazenandhawyer.com
Marcy Cole	SETDD	423-424-4238	mcole@setdev.org
Chris Palmer	Jacobs	423-779-3075	Chris.palmer@jacobs.com

PRE-BID MEETING AGENDA/NOTES
Wet Weather Combined Sewer Storage
CONTRACT #W-17-004-1010
November 20, 2018, 1:00 PM ET
Moccasin Bend Wastewater Treatment Plant – Training Center

1. Introductions

- a. Owner – City of Chattanooga: [Eric Brooks](#), [Dennis Malone](#), [Steve Porter](#)
- b. Program Manager – Jacobs: [Chris Palmer](#)
- c. Engineer – Hazen and Sawyer: [Mike Orr](#), [Rich Tomko](#), [Andrew Howe](#)
- d. TDEC State Revolving Fund - ~~Derrick Byrd~~
- e. Southeast Tennessee Development District – Marcy Cole

2. Project Scope/Description

The Project consists of constructing two pre-stressed concrete tanks, 10 MG each; one cast-in-place pump station with four (4) 10 mgd submersible pumps and appurtenances; one cast-in-place diversion structure; one electrical building with motor control center, variable frequency drives, standby power generator, automatic switchgear, restroom facilities and HVAC; two carbon adsorption odor control units, associated electrical, instrumentation, site work and piping to support these facilities.

3. Bid Documents

- a. Refer to Section 00 21 13 Instructions to Bidders
 - i. Purchase Bid Documents from 8:00 a.m. to 4:30 p.m., Monday through Friday, at the City of Chattanooga Purchasing Department, 101 East 11th Street, Suite G13, Chattanooga, TN 37402, phone (423) 757-5184, fax (423) 757-0949.
 - ii. Cost of Contract Documents is \$100 per set, (flash drive). No part of the purchase will be refunded for any reason.
 - iii. Bid Bond in the amount of 5% of Bid with Surety licensed to do business in TN and listed in U.S. Treasury Circular 570.
 - iv. No Bid withdrawn within 120 calendar days of receipt of Bids.

4. Qualifications

- a. Refer to Section 00 21 13 Instructions to Bidders, and Section 00 45 13 Statement of Bidder's Qualifications
 - i. Bidder shall maintain permanent place of business.
 - ii. Must be licensed by State of Tennessee to perform work under contract.
 - iii. Bidder shall demonstrate adequate construction experience and sufficient equipment resources to properly perform work.
 - iv. Owner reserves the right to reject any bid if bidder fails to satisfy qualifications.

5. Bidding Requirements

- a. Bid Bond in the amount of 5% of Bid with Surety licensed to do business in TN and listed in U.S. Treasury Circular 570.

- b. No Bid withdrawn within 120 calendar days of receipt of Bids.
- c. Section 00 45 77 – Contractor’s Identification must be completed, with one copy attached to the bid package, and one copy inside the bid package.

6. Bidder Questions and Addenda

- a. Use Section 002114 – Request for Bidder Information. Submit by fax, email or mail to City of Chattanooga Purchasing Department. purchasing@chattanooga.gov
- b. Questions received less than ten (10) days prior to the date for opening the Bids may not be answered.
- c. Required to purchase set of plans and specifications to get on the plan holders list. Only bidders on plan holders list will receive addenda; which must be acknowledged in the Bid Form.

7. Bid Opening

- a. Date/Time – Wednesday, December 12, 2018 / 2:00 PM Local Time
- b. Location – City of Chattanooga at City Hall, Purchasing Department, 101 East 11th Street, Suite G13, Chattanooga, TN

8. Contract Completion Time

- a. Substantial Completion within approximately 525 Calendar Days of Notice To Proceed, **prior to July 16, 2020.**
- b. Final Completion within 60 calendar days of Notice To Proceed,
- c. [Additional time shall be added to the contract for Bid Alternates selected by the City. Time added for alternates does not change the substantial completion date to receive an early completion bonus.](#)

9. Liquidated Damages

- a. \$1500 for each day after Substantial Completion if work is deemed not to be substantially complete, and \$1500 for each day after Final Completion if Contractor has not completed the work.

10. Project Specific Requirements

- a. Early Finish Bonus: The Contractor shall be awarded \$5000/day for each day Substantial Completion is reached prior to midnight on July 16, 2020. This date is fixed regardless of weather conditions, or any other occurrence that prevents the Contractor from a complete days work.
- b. Foundry Sand has been identified on this site. The Contractor shall employ a soil scientist to identify spoil material that shall be disposed of at a landfill that can’t be stockpiled for future use.
- c. [Per the environmental reports provided in Addendum 1, Foundry Sand is not the only contaminant that could trigger spoil to be hauled to the landfill.](#)

11. Site Access

- a. All work to be completed shall be on the City of Chattanooga's property or easements.
- b. If needed, the Contractor is responsible for acquiring all required right of entry and temporary construction easements on private properties in order to access existing sewers and perform the required work.
- c. The Contractor shall pay fee and acquire any required permit necessary for work in the Hamm Rd ROW.

12. Safety

- a. Refer to Section 00 72 00-General Conditions and 00 73 00-Supplementary Conditions.

13. Work Hours

- a. Work Hour Restrictions – Work hours shall be 7:00 a.m. to 6:00 p.m. unless City has more specific restrictions. [Refer to General Conditions Section 6.02](#)
- b. [The Contractor may request additional time above 40 hours per week, however compensation for RPR services may apply.](#)

14. DAVIS-BACON Act

- a. This project is being funded by a State Revolving Fund loan on or after 2010 EPA Fiscal Year. The loan recipient must be in compliance with all applicable requirements of the Davis-Bacon Act. (verified at www.wdol.gov/dba.aspx)
- b. [The Contractor must incorporate wage rates from the most recently published Wage General Decision TN146 in their bid.](#)
- c. [The current rates will be provided in Addendum 2.](#)
- d. [Marcy Cole of the Southeast Tennessee Development District will conduct hourly-employee interviews to confirm the correct rate per labor category is being paid.](#)
- e. [Certified payroll shall be submitted each week.](#)
- f. [An additional fact sheet will be provided in Addendum 2.](#)

15. Allowances

- a. The Contractor shall include in the Bid Total all allowances stated in the Contract Documents. These allowances shall cover the net cost of the services provided.

16. Other Items

- a. It is the Contractors responsibility to repair any existing utilities that are damaged during construction.
- b. The items discussed here today are not intended to be all-inclusive. It is the Contractor's responsibility to review the Contract Documents and comply with all provisions.
- c. All questions shall be submitted writing to become part of the contract documents as an addendum. Verbal discussions are non-binding.

17. Notes

1. Is Dynamic Compaction required for this project? Hazen will address requirement in Addendum 2.
2. When will the site be available for visit? Hazen will consult with the City to establish a day for the site to be unlocked for General Contractors and/or Subcontractors to visit.

General Decision Number: TN180146 11/09/2018 TN146

Superseded General Decision Number: TN20170146

State: Tennessee

Construction Type: Heavy
Including Water and Sewer Line Construction

Counties: Hamilton and Sequatchie Counties in Tennessee.

HEAVY CONSTRUCTION PROJECTS (including sewer/water construction).

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.35 for calendar year 2018 applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.35 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2018. The EO minimum wage rate will be adjusted annually. Please note that this EO applies to the above-mentioned types of contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but it does not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(2)-(60). Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Modification Number	Publication Date
0	01/05/2018
1	02/09/2018
2	06/01/2018
3	07/06/2018
4	11/09/2018

ELEC0175-012 06/01/2018

Hamilton County

	Rates	Fringes
ELECTRICIAN.....	\$ 31.59	14.5%+7.35

ELEC0429-008 06/01/2018

Sequatchie County

	Rates	Fringes
Electrician.....	\$ 26.77	12.94

ENGI0917-022 05/01/2017

	Rates	Fringes
Operating Engineers:		
Bulldozer and Crane.....	\$ 28.26	10.10
Forklift.....	\$ 25.97	10.10

* LAB00846-001 05/01/2018

	Rates	Fringes
LABORER: Common or General.....	\$ 15.36	5.97

SUTN2009-144 12/02/2009

	Rates	Fringes
LABORER: Flagger.....	\$ 8.73	0.00
LABORER: Pipelayer.....	\$ 11.68	0.00
OPERATOR: Backhoe/Excavator/Trackhoe.....	\$ 16.82	0.00
OPERATOR: Loader.....	\$ 13.50	0.00
TRUCK DRIVER: Dump Truck.....	\$ 10.76	0.00

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than "SU" or "UAVG" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the "SU" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
 Wage and Hour Division
 U.S. Department of Labor
 200 Constitution Avenue, N.W.
 Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
 U.S. Department of Labor
 200 Constitution Avenue, N.W.
 Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
 U.S. Department of Labor
 200 Constitution Avenue, N.W.
 Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION

DAVIS-BACON and Related Acts (DBRA)
Southeast Tennessee Development District
Marcy Cole, Project Assistant

DBRA requires payment of Prevailing Wages on Federally funded or assisted construction projects.

The “Prevailing Wage” is the combination of the basic hourly rate and any fringe benefits listed in the Davis-Bacon Wage Determination.

Basic David Bacon requirements are:

- Contractors and subcontractors must pay all workers on this job site according to the Davis Bacon Wage Rate.
- Contractors and subcontractors must pay workers weekly and submit Weekly Certified Payroll records to me.
- The Prevailing Wage may be paid by the Contractors and subcontractors as cash wages or by a combination of cash wages and employer-provided fringe benefits.

Typical Problems are:

- Misclassification of laborers and mechanics
- Failure to pay prevailing wage, including fringe
- Failure to submit Certified Payrolls Weekly

Penalties/Sanctions

Contract payments may be withheld in sufficient amounts to satisfy liabilities for underpayment of wages and for liquidated damages for overtime violations under the Contract Work Hours and Safety Standards Act.

In addition, violations of the Davis-Bacon contract clauses may be grounds for contract termination, contractor liability for any resulting costs to the government and debarment from future contracts for a period up to three years.