

ADDENDUM NO. 2

**CITICO PUMP RELIABILITY IMPROVEMENTS
City of Chattanooga Project W-16-013-201
Burns & McDonnell Project 95307**

CITY OF CHATTANOOGA, TENNESSEE

A site visit will be offered to prospective bidders:

Tuesday, June 13, 2017, 10:00 A.M. local time

929 Riverside Drive
Chattanooga, TN 37403

Access will be allowed to view the interior of the existing Citico Pump Station.
Bidder attendance at the site visit is not mandatory.

The following documents are attached herein for reference:

- 1) Pre-Bid Conference Minutes
- 2) Pre-Bid Conference Sign-In Sheet

The following modifications are hereby introduced as part of the Contract Documents:

- 1) Specification Section 00 11 16 – Advertisement for Bids
 - a. Delete “June 22, 2017” in the first Paragraph and replace it with “June 29, 2017.”
- 2) Specification Section 01 35 00 – Unique Requirements
 - a. Delete “Engineer’s and” in Paragraph 1.06.A.3.
 - b. Delete “Engineer’s and” in Paragraph 1.06.B.4.
 - c. Delete Paragraph 1.06.B.5.
- 3) Specification Section 03 30 00 – Concrete
 - a. Delete Paragraphs 2.01.A.3.g.(1) and 2.01.A.3.g.(2) and replace with the following:
“Size No. 467, from 1-1/2-inches (38 mm) to No. 4 (4.75 mm) sieve for all concrete unless otherwise specified.”
 - b. Delete Paragraph 2.01.C.1.b and replace with the following:

“Compressive-strength determination shall be made from 4-inch diameter by 8-inch long concrete cylinders tested in accordance with ASTM C39.”

- c. Immediately following Paragraph 2.01.C.1.b, add the following:

“Minimum cementitious materials shall be 515 pounds per cubic yard.”

- d. Add the following to the end of Paragraph 2.01.C.2:

“and shall have a verified slump between 2 inches and 4 inches prior to adding water reducer.”

- e. Delete Paragraph 2.01.C.5.a.(1) and replace with the following:

“0.10 for all concrete unless otherwise specified.”

4) Specification Section 26 36 00 – Transfer Switches

- a. Add to Paragraph 2.01.A.1 the following:

“d. Kohler”

5) Drawing C104 – Demolition Plan

- a. Delete Note “REMOVE AND SALVAGE CHAIN LINK FENCE FOR ELEC DUCT BANK CONSTRUCTION (REF ELECTRICAL)” and replace with “REMOVE AND REINSTALL CHAIN LINK FENCE AND GATE FOR ELEC DUCT BANK CONSTRUCTION (REF ELECTRICAL).”

June 6, 2017

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

Please acknowledge receipt of all addenda in your submitted Bid Form.

Only questions answered in writing by Addenda will be binding.

Addendum Prepared By
BURNS & MCDONNELL
June 6, 2017

PRE-BID CONFERENCE MINUTES

CITICO PUMP RELIABILITY IMPROVEMENTS

City of Chattanooga Project W-16-013-201
Burns & McDonnell Project 95307

JUNE 1, 2017

City of Chattanooga Development Resource Center
Suite 2000, Conference Room 2A
1250 Market Street, Chattanooga, TN 37402

1. Introductions
 - a. Owner – City of Chattanooga Waste Resources Division
 - b. Program Manager – Jacobs
 - c. Engineer – Burns & McDonnell Engineering Company

2. Project Scope/Description
 - a. The Project, located at the existing Citico Pump Station in Chattanooga, Tennessee, consists of reliability improvements to the existing pump station.
 - i. New 45 MGD submersible wastewater pump station with grinders and submersible pumps
 - ii. New odor control system and HVAC system replacement
 - iii. New permanent onsite backup generator
 - iv. New electrical switchboard, switchgear, and other equipment upgrades.
 - v. Condition assessment of two existing wastewater force mains originating at the site.

3. Bid Documents
 - a. Project Manual and Specifications:
 - i. Volume I
 - ii. Volume II
 - b. Drawings:
 - i. General: 3 sheets
 - ii. Civil: 14 sheets
 - iii. Landscape: 1 sheet
 - iv. Architectural: 3 sheets
 - v. Structural: 21 sheets
 - vi. Electrical: 28 sheets
 - vii. Mechanical: 10 sheets
 - viii. Process: 10 sheets
 - c. Refer to Section 00 21 13 Instructions to Bidders
 - d. 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) 643-7230, fax (423) 643-7244.
 - e. Cost of Contract Documents is \$100 per set. No part of the purchase will be refunded for any reason.

4. Bidder Questions and Addenda
 - a. Use Section 00 21 14 – Request for Bidder Information form.
 - b. Submit by fax, email or mail to City of Chattanooga Purchasing Department, 101 East 11th Street, Suite G13, Chattanooga, TN 37402, fax (423) 643-7244, purchasing@chattanooga.gov.
 - c. Questions received on or after ten (10) days prior to the date for opening the Bids may not be answered.
 - d. Bidders are required to purchase a set of plans and specifications to get on the plan holders list. Only bidders on plan holders list will receive notification of addenda issuance; which must be acknowledged in the Bid Form. Addenda will be posted to City Procurement website.

5. 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.

6. 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.
 - d. Project is City funded and SRF requirements are not applicable.
 - e. City Requirements (Discussion by Bonnie Mumpower Dodson)

7. Bid Opening
 - a. Date/Time – June 22, 2017 at 2:00 PM Local Time.
 - b. Location – City of Chattanooga Purchasing Department, 101 East 11th Street, Suite G13, Chattanooga, TN
 - c. Bids received after this time will not be opened.

8. Contract Completion Time
 - a. Substantial Completion within 330 Calendar Days of Notice to Proceed
 - b. Final Completion within 365 calendar days of Notice to Proceed

9. Liquidated Damages
 - a. \$1000 for each day after Substantial Completion if work is deemed to not be substantially complete, and \$1000 for each day after Final Completion if Contractor has not completed the work.

10. Project Specific Requirements

- a. Operation of the existing Citico Pump Station shall not be suspended at any time, except when bypass pumping is in operation.
- b. Operation of the existing Citico CSO Treatment Facility shall not be suspended at any time.
- c. Disturbance within the Tennessee River 30-foot Stream Buffer, as indicated in the Drawings, is not permitted at any time.
- d. Contract Work will occur within an existing 100-year flood plain. Contractor shall be responsible for restoring existing grades and permanent vegetation as indicated in the Contract Documents.
- e. The Owner is in the process of obtaining permits through the Tennessee Valley Authority, Tennessee Department of Environment and Conservation. Final permits will be issued by Addendum.
- f. The Owner is in the process of plan review for Land Disturbance Permit from the City of Chattanooga Land Development Office. The Contractor shall be responsible for applying for and obtaining the Land Disturbance Permit and Tree Ordinance Permit prior to construction.
- g. Contractor shall be responsible for obtaining all applicable building permits.
- h. Condition assessment shall be performed on the existing 48- and 30-inch wastewater force mains which travel south to north under the Tennessee River from Citico Pump Station. Contractor shall coordinate scheduling of condition assessment with Owner to occur during construction and to limit impact on the conveyance of wastewater from Citico Pump Station.

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. Project site is adjacent to the Tennessee River and multiple recreation facilities and is highly visible to the public. The Contractor shall make every effort to limit disturbance to the public. Construction or construction traffic across or through the concrete sidewalk north of the site (the Riverwalk) shall not be permitted at any time.
- d. Contractor shall make arrangements with the Owner to secure site and suspend work as required by the Owner during the Chattanooga Ironman competition in September 2017.
- e. Access must be maintained at all times to the existing Citico Pump Station and Citico CSO Treatment Facility for City of Chattanooga operations and maintenance staff.
- f. Access by Owner to the on-site screenings dumpster for removal and emptying must be maintained at all times, except when prior approval has been obtained from Owner for dumpster to be emptied by the Contractor.

12. Safety

- a. Refer to Section 00 72 00 and 00 73 00 General Conditions. Contractor is solely responsible for the safety of the workers and site visitors.

13. Work Hours

- a. Refer to Section 00 72 00 and 00 73 00 General Conditions.
- b. Work Hour Restrictions – Work hours shall be 7:00 a.m. to 6:00 p.m. (Monday through Friday) unless City has more specific restrictions. Overtime must be pre-approved.

14. 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.
 - i. Soils and Concrete Testing: \$15,000.00
 - ii. Utility Conflict Resolution: \$10,000.00
 - iii. Construction Verification Surveying: \$5,000.00

15. Other Items

- a. It is the Contractor's 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.

16. Site Visit

- a. 929 Riverside Drive, Chattanooga, TN 37406



City of Chattanooga Waste Resources Division
 Citico Pump Station Reliability Improvements
 Pre-Bid Conference
 June 1, 2017

NAME	ORGANIZATION	ROLE	PHONE NO.	E-MAIL
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Gabrielle Sobel	Jacobs	PM Coordinator	423-240-5603	gabriellesobel325@gmail.com
Mike Martin	Mixon Power	Generation	615-406-8542	MMARTIN@mixonpower.com
Darren DeSautell	Rain For Rent	Bypass	404-516-5566	dDesautell@rainforrent.com
ZACH Humphrey	Reeves Young LLC	PM Prime	770-519-1851	zhumphrey@reevesyoung.com
Chad Freund	Xylem / Godwin Pumps	Bypass	404-557-2085	chad.freund@xylem.com
MIKE PATRICK	CITY of CHATT		423-643-7499	MPATRICK@CHATTANOOGA.GOV
SPENCER ADAMS	BURNS & MCDONNELL	DESIGN	770 510 4562	SDADAMS2@BURNSMCD.COM



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 Citico Pump Station Reliability Improvements
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NAME	ORGANIZATION	ROLE	PHONE NO.	E-MAIL
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