

Consolidation of Part 1: Well Nos. 1, 2, and Backup Well No. 3, Production Well Drilling, for the Rivertown Water Treatment Plant, and Part 2: Rivertown Water Treatment Plant, Wellhead Mechanical and Facilities, and Raw Water Piping

3/25/2021

1. Introduction

JEA is implementing the Rivertown Water Treatment Plant (WTP) Project to provide and distribute additional potable (e.g., drinking) water in JEA’s service area in northwest St Johns County. The Rivertown WTP Project includes two raw water production wells; one backup well; water treatment plant and associated components; and raw and finished water pipelines.

As shown in Figure 1, the Rivertown WTP site, which includes Well No. 1 site, is located at 7612 Lingleaf Pine Parkway, St Johns County, Florida. Well No. 2 site is located east of the WTP site and east of Lingleaf Pine Parkway. Backup Well No. 3 site (alternate bid item) is located north of the WTP site and west of Lingleaf Pine Parkway.

The Rivertown WTP Project was initially planned for two (2) invitation for bid (IFB) and two (2) construction packages as described below:

- Part 1 Package: Well Nos. 1, 2, and Backup Well No. 3, Production Well Drilling, for the Rivertown Water Treatment Plant,
- Part 2 Package: Rivertown Water Treatment Plant, Wellhead Mechanical and Facilities, and Raw Water Pipelines.

Hence, two separate sets of drawings and specifications were developed for the two (2) IFB and construction packages.

Due to unexpected delays that have occurred in project implementation, it has been decided to consolidate the Part 1 Package and Part 2 Package into one IFB and one construction package for implementation as described in this document.

2. Consolidated Rivertown WTP Project Package

The Consolidated Rivertown WTP Project Package includes, but is not limited to the following:

- 2.1. Part 1 Package: Well Nos. 1, 2, and Backup Well No. 3, Production Well Drilling, for the Rivertown Water Treatment Plant, which includes the following documents:
 - 2.1.1. *Technical Specifications for Rivertown Water Treatment Plant Well Nos. 1, 2, and Backup Well (No.3), Part 1 – Production Well Drilling* including:
 - 2.1.1.1. Geotechnical Exploration and Evaluation Report
 - 2.1.1.2. Soft Dig Report
 - 2.1.1.3. Preliminary Wetlands and Listed Species Report

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2.1.2. *Construction Drawings for JEA Rivertown Water Treatment Plant Well Nos. 1, 2, and Backup Well No. 3, Part 1 Production Well Drilling*

2.2. Part 2 Package: Rivertown Water Treatment Plant, Wellhead Mechanical and Facilities, and Raw Water Pipelines, which includes the following documents:

2.2.1. *Technical Specifications, Volume IV-A, Rivertown Water Treatment Plant Project including:*

2.2.1.1. Geotechnical Exploration and Evaluation Report

2.2.1.2. Soft Dig Report

2.2.2. *Technical Specifications, Volume IV-B, Rivertown Water Treatment Plant, Well Nos. 1, 2, and Backup Well No.3, Wellhead Mechanical and Facilities*

2.2.3. *Technical Specifications for the Construction Rivertown Water Treatment Plant – Raw Water Piping, Volume IV-C*

2.2.4. *Construction Drawings for Rivertown Water Treatment Plant, Volume 1 – Water Treatment Plant*

2.2.5. *Construction Drawings for Rivertown Water Treatment Plant, Well Nos. 1, 2, and Backup Well No. 3, Wellhead Mechanical and Facilities, Volume II*

2.2.6. *Construction Drawings for Rivertown Water Treatment Plant, Volume III – Raw Water Pipelines*

2.2.7. *Rivertown Water Treatment Plant, Volume V – FPL Electrical Power Infrastructure*

3. Performance of Work

The Contractor shall plan, coordinate, integrate, and perform all work in the Consolidated Rivertown WTP Project Package, which includes the Part 1 Package and Part 2 Package.

4. Permitting / Regulatory Status

The “Permitting/Regulatory Status for (Part 1) Production Well Drilling – Well Nos. 1, 2, and Backup Well (No. 3) for the Rivertown Water Treatment Plant Project,” dated 11/10/20 in Appendix 1 of the *Technical Specifications for Rivertown Water Treatment Plant Well Nos. 1, 2, and Backup Well (No.3), Part 1 – Production Well Drilling* is superseded and replaced by the document titled: “Permitting/Regulatory Status for the Rivertown Water Treatment Plant Project.”

5. Schedule

The Contractor shall provide a consolidated, comprehensive, and, integrated schedule for the efficient and effective performance of work to be performed under the Part 1 Package and the Part 2 Package. The requirements for frequency and format of the schedule are specified in the contract documents.

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The Substantial Completion and Final Completion milestone activities contained in the Part 1 and Part 2 Packages are superseded and replaced by the following Substantial Completion and Final Completion milestone activities. The Contractor shall comply with these milestone activities:

Description	Substantial Completion	Final Completion
Part 1 Package work for Well No. 1 including Drilling, Construction, Development and Water Quality Sampling	130 calendar days after Notice to Proceed	160 calendar days after Notice to Proceed
Part 1 Package work for Well No. 2 including Drilling, Construction, Development and Water Quality Sampling	260 calendar days after Notice to Proceed	290 calendar days after Notice to Proceed
All Part 2 Package work except for Backup Well No. 3 Wellhead Mechanical, Facility, and Access Road	480 calendar days after Notice to Proceed	540 calendar days after Notice to Proceed
Backup Well No. 3 (if authorized by JEA) Wellhead Mechanical, Facility and Access Road	540 calendar days after Notice to Proceed	570 calendar days after Notice to Proceed

6. Bid Workbook

The Bid Workbook was prepared by consolidating the Bid Workbooks for the Part 1 Package and the Part 2 Package and calculating the “subtotals” for the Part 1 and Part 2 Packages. These subtotals are then added to calculate the “Total Bid Price for Part 1: Well Nos. 1, 2, and Backup Well No. 3, Production Well Drilling, and Part 2: Rivertown Water Treatment Plant, Wellhead Mechanical and Facilities, and Raw Water Piping (Base Bid Items Plus Alternate Bid Items)” price.

7. Limitations on General Conditions

The sum of all General Conditions bid items plus Mobilization and Demobilization bid items shall not exceed ten percent (10%) of the “Total Bid Price for Part 1: Well Nos. 1, 2, and Backup Well No. 3, Production Well Drilling, and Part 2: Rivertown Water Treatment Plant, Wellhead Mechanical and Facilities, and Raw Water Piping (Base Bid Items Plus Alternate Bid Items)” price. General Conditions are defined in the Solicitation.

8. Basis for Evaluation for Award

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The Basis of Award contained in the Part 1 and Part 2 Packages is superseded and replaced by the following:

- 8.1. The bids will be evaluated for contract award based on the “Total Bid Price for Part 1: Well Nos. 1, 2, and Backup Well No. 3, Production Well Drilling, and Part 2: Rivertown Water Treatment Plant, Wellhead Mechanical and Facilities, and Raw Water Piping (Base Bid Items Plus Alternate Bid Items)” price.
- 8.2. The actual authorization of alternate bid items for implementation will be based on JEA’s best interests and available funding.

9. Compliance With JEA Standards

The work, including equipment, materials, products, and vendors/suppliers, performed for the Consolidated Rivertown WTP Project Package shall comply with the requirements in JEA’s Standards, which are available at the following website:

[Standards | Reference Materials | Water and Wastewater Development | Engineering and Construction | JEA](#)

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