



CONTRACT AMENDMENT #11

This Amendment #11 ("Amendment #11") for Design Services for the Westport Wastewater Treatment Plant Expansion under Contract #20170132 ("the Contract"), by and between the City and CHA Consulting, Inc. fka Reiss Engineering, Inc. ("the Consultant," or "Engineer," or "CHA"), as defined below, shall be effective as of the date this Amendment #11 is fully executed.

Consultant's Full Legal Name:	CHA Consulting, Inc. fka Reiss Engineering, Inc.
Solicitation No./Event ID:	20170132
Solicitation Title/Event Name:	Design Services for the Westport Wastewater Treatment Plant Expansion
Contract Award Date:	2/26/2018
Initial Contract Term:	3/13/2018 through 3/13/2023
Current Contract Expiration Date:	10/11/2026
Requested Contract Expiration Date:	10/11/2026
Initial Contract Amount:	\$3,877,175.00
Current Contract Amended Amount:	\$6,847,438.85
Requested Financial Change Amount:	\$279,903.75
New Contract Amount:	\$7,127,342.60
Amendment No.:	11
Amendment Type:	Increase of Commodities

WHEREAS, the Contract, including any previous amendments, is in effect through the Current

Contract Expiration Date, as defined above; and

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties do hereby agree as follows:

The following modifications to the Terms and Conditions contained in the Contract are hereby incorporated and made a part of that Contract.

1. Amendment #11 Scope of Work.

A. BACKGROUND

As part of Amendments 6 and 7, construction phase services were added for Part 2A Biological Nutrient Reduction improvements, Part 2C Advanced Wastewater Treatment, and Part 2D Reclaimed Water Reject Tanks. Limited construction services were only previously included for Part 2C and Part 2D. Also, various factors have extended the construction, with an estimated completion date of 7/8/27 for Part 2A. In addition, based on current trends, it is anticipated that the number of submittals and requests for information (RFIs) will be approximately double than originally anticipated.

In addition to the increased number of submittals and RFIs anticipated the CMAR schedule is now showing Part 2C – AWT and Part 2D-Reject Tanks with completion dates of 9/6/27 and 11/9/27, respectively.

The City has requested CHA to continue providing construction phase services for the Nutrient Reduction Improvements, the AWT improvements, and the reclaimed water reject tank. This amendment is intended to add sufficient budget for the provision of construction phase services for the three projects until 10/11/26.

B. SCOPE OF SERVICES

Engineer will assist the City in the implementation of the Westport WWTF Improvements project. This Amendment #11 authorizes the Engineer to perform additional construction phase services for making improvements to the plant to meet the treatment needs of the Westport service area. This scope is based on an anticipated treatment need to meet the following capacities, as provided by the City:

- 5.36 MGD Annual Average Day Flow
- 6.00 MGD Maximum Month Average Day Capacity
- 7.93 MGD Peak Day Capacity

PART 2 – FACILITY IMPROVEMENTS

The facility improvements will include new facilities required to meet the promulgated BMAP effluent limits for nitrogen (**Part 2A**).

Part 2A Improvements for BMAP Compliance

- Pre-Treatment Screening and Grit Removal – New influent screens to replace the existing screen, and one (1) new tray-separation grit removal system (HeadCell) are anticipated.
- Process Basins – One (1) new aeration basin and associated equipment are

anticipated. Turbo blowers in a sound attenuated blower/electrical building are anticipated. Fine bubble diffused aeration systems are anticipated in the new and existing basins. Removal of the existing surface aeration equipment (to be replaced with fine bubble diffused aeration systems) is anticipated.

- Internal Recycle Pumps – Replacement of the existing internal recycle (IR) pumps with larger 4Q IR pumps within existing aeration basins and installation of new 4Q IR pumps within new aeration basin is anticipated.
- Filtration System Improvements – Refurbishment of all existing deep bed filters and conversion to an upgraded EcoWash system is anticipated.
- Electrical System Additions/Modifications – Upgrading the electrical distribution system to meet EPA Class 1 reliability to avoid common mode failures is anticipated. Building additions or new buildings will be required for new electrical equipment. New Main Electrical Building No. 1 with two main breakers, two automatic transfer switches, two switchboards with associated MCC feeder breakers. New blower/electrical building (Electrical Building No. 2) to house the turbo blowers, power distribution equipment, VFDs, process control panel, step-down transformer, and lighting panel for miscellaneous loads. Modifications to existing Old MCC/Generator Building No. 1 (Electrical Building No. 3) and existing Old MCC/Generator Building No. 2 (Electrical Building No. 4) based on the design requirements described above. Modifications to the existing MCCs is limited to reducing the current feeder ampacity, addition of main MCC breakers and showing field equipment being demolished. No upgrades to the existing standby generators or standby capacity are included. Existing generators will be connected to new automatic transfer switches in the Main Electrical Building No. 1. Upgrading equipment and systems to meet requirements of NFPA 820 is anticipated. Increasing the number of circuits to the existing SCADA Room in the existing Administration Building is anticipated.
- Instrumentation and Control System Additions/Modifications – Upgrading the existing obsolete PLCs with new PLCs in their current locations and upgrading the SCADA servers with new units including OS and HMI software upgrades are anticipated. Addition of new blower/electrical building process control panel, internal recycle pump controls, and associated design changes as described above. Design to include DO/ORP control programming for the blowers. Providing I&C requirements for the alternate items listed below is also anticipated.

The additional elements of the project include the following:

Part 2C Advanced Wastewater Treatment Improvements and Reject Water Storage Facilities

- Demolition of package treatment plant.
- New denitrification filter process with external carbon storage and feed system.
- Modifications to existing DynaSand Filter No.1 structure for a new wet well pump station and mud well storage tank for the Denitrification filter process.
- New pump station for Dynasand repumping to denitrification system
- Additional piping for existing in-plant reuse system.
- Electrical system modifications.
- Instrumentation and control system modifications.

Part 2D Reject Water Storage Facilities

- Two (2) new 4 MG prestressed concrete reject water storage tanks for out-of-

- specification effluent (reject water) and all associated appurtenances and piping.
- New reject water transfer pump station and associated piping with the ability to return flow back to the denitrification filter process and/or the existing headworks.
- Reclaimed water control valve.
- Electrical system modifications.
- Instrumentation and control system modifications.

Engineer will continue assisting the City in the implementation of the Westport WWTF Nutrient Reduction Improvements modifications.

TASK 1. PROJECT ADMINISTRATION

No changes are proposed for Task 1.

TASKS 2 THROUGH 7 (Part 1)

No changes are proposed for Tasks 2 through 7.

TASKS 8A, 8C, and 8D (PART 2)

No changes are proposed for Task 8A, 8C, or 8D.

TASKS 9A, 9C, and 9D (Part 2)

No changes are proposed for Task 9A, 9C or 9D.

TASKS 10A, 10C, AND 10D (Part 2)

No changes are proposed for Task 10A, 10C, or 10D.

TASKS 11A, 11C, AND 11D (Part 2)

No changes are proposed for Task 11A, 11C, or 11D.

TASK 12A. CONSTRUCTION PHASE SERVICES (PART 2) NUTRIENT REDUCTION IMPROVEMENTS (PART 2A)

12A1 Assist the City in Construction Phase Services

Engineer will perform the following:

- **Additional Submittal Review** – Review shop drawings and other data that the Contractor is required to submit. These shall be reviewed for general conformance with the design concept of the projects and general compliance with the information given in the Contract Documents. Up to an additional one hundred fifty (150) submittals are anticipated (including re-submittals).
- **Additional RFI Responses** – Review and respond to requests for information

(RFI) from the Contractor. Up to one hundred (100) additional RFIs are anticipated.

TASK 12C. CONSTRUCTION PHASE SERVICES (Part 2) ADVANCED WASTEWATER TREATMENT IMPROVEMENTS (PART 2C)

12C1 Assist the City in Construction Phase Services

Engineer will perform the following:

- **Additional 12 Months Construction Administration** –The Engineer will coordinate with the Contractor and the City during construction. Includes additional construction administration for Part 2A.
- **Additional Submittal Review** – Review shop drawings and other data that the Contractor is required to submit. These shall be reviewed for general conformance with the design concept of the projects and general compliance with the information given in the Contract Documents. Up to an additional fifty (50) submittals are anticipated (including re-submittals).
- **Additional RFI Responses** – Review and respond to requests for information (RFI) from the Contractor. Up to twenty (20) additional RFIs are anticipated.
- **Additional City Coordination Meetings** – Attend up to an additional twelve (12) City Coordination monthly meetings on Teams. This includes monthly meetings for Part 2A.
- **Additional CMAR Meetings** – Attend up to an additional twelve (12) CMAR monthly meetings on Teams. This includes monthly meetings for Part 2A.
- **CMAR Teams Meetings** – Attend up to twelve (12) CMAR mid-monthly meeting via Teams. This includes meetings for Part 2A.

TASK 12D (Part 2)

No changes are proposed for Task 12D.

TASKS 13 THROUGH 15 (PART 2)

No changes are proposed for Tasks 13 through 15.

C. TIME OF PERFORMANCE

Engineer shall perform services for the additional Tasks as follows:

TASK	COMMENCING	DAYS
Task 12A-1 Additional Construction Phase Services Nutrient Reduction Improvements (Part 2A)	From Amendment 11 Date	Until 10/11/2026
Task 12C-1 Additional Construction Phase Services AWT Improvements (Part 2C)	From Amendment 11 Date	Until 10/11/2026

D. COMPENSATION

Additional compensation shall be paid on a lump sum basis based on % complete.

TASK	Amendment #11 Fee
Task 12A-1 Additional Construction Phase Services Nutrient Reduction Improvements (Part 2A)	\$108,147.00
Task 12C-1 Additional Construction Phase Services AWT Improvements (Part 2C)	\$171,756.75
TOTAL	\$279,903.75

E. SERVICES NOT INCLUDED

The following services may be required for the Project, but are not included in this authorization:

- None.

F. CITY'S RESPONSIBILITY

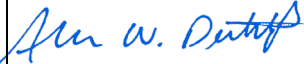
In addition to the City's responsibilities pursuant to the Contract, the City will:

- None.

- SUCCESSORS AND ASSIGNS.** This Amendment #11 shall be binding upon and inure to the benefit of the successors and permitted assigns of the parties hereto.
- ENTIRE AGREEMENT.** Except as expressly modified by this Amendment #11, the Contract, including any written amendments thereto, shall be and remain in full force and effect in accordance with its terms and shall constitute the legal, valid, binding, and enforceable obligations of the parties. This Amendment #11 and the Contract, including any written amendments thereto, collectively, are the complete agreement of the parties and supersede any prior agreements or representations, whether oral or written, with respect thereto.

IN WITNESS WHEREOF, the parties have caused this Amendment #11 to be duly executed by their authorized representatives.

CONSULTANT

Consultant's Full Legal Name: (PLEASE TYPE OR PRINT)	CHA Consulting, Inc.
Authorized Signature:	
Printed Name and Title of Person Signing:	Allen Dethloff Project Team Leader
Date:	November 12, 2025
Company Address:	1016 Spring Villas Point Winter Springs, FL 32708

CITY OF PORT ST. LUCIE

Authorized Signature:	
Printed Name and Title of Person Signing:	Caroline Sturgis, Director, Office of Management & Budget, and Procurement
Date:	
City Address:	121 S.W. Port St. Lucie Blvd., Port St. Lucie, FL 34984