

**CITY OF DELRAY BEACH
PROJECT NO. 16-500
ENGINEERING DESIGN SERVICES
SW 4TH STREET, SW 6TH STREET, AND SW 7TH AVENUE
RECLAIMED WATER MAIN – RESIDENTIAL SERVICES**

CHANGE ORDER NO. 3

DATE: January 28, 2019

I. PROJECT DESCRIPTION

The proposed reclaimed water system for Area 14 is currently being designed by Mathews Consulting under Amendment No. 1 to the RFQ 2017-032 Engineering Design Services: SW 4th Street, SW 6th Street, and SW 7th Avenue project. Change Order No.1 includes providing reclaimed water service to within the vicinity of only the major users outlined in the Reclaimed Water Master Plan (*refer to Assumption #4 for further detail).

Since approval of Change Order No. 1, the City has requested that MC provide reclaimed water services to residential users (non-major users) adjacent to the proposed Area 14 reclaimed water transmission main corridor. This Change Order #3 includes the additional engineering design and plans preparation services to add the additional reclaimed water services as requested by the City.

II. SCOPE OF SERVICES

Phase I – Study and Report Phase

Not Applicable.

Phase II – Preliminary Design Phase

Not Applicable

Phase III – Final Design Phase

1. **Design Drawings:** Consultant shall add residential reclaimed water services along the proposed reclaimed water transmission main path only. Consultant shall propose crosses at each intersection along the proposed reclaimed water transmission main path with valved stub-outs for possible future “grid” residential connections if desired by the City. Hard copy drawings and .pdfs shall be submitted for City review at 100% and Bidding Stages as part of the overall project design plans.
2. **Cost Estimate:** At the 100% and Bidding stages, Consultant shall prepare the costs for the residential services, reclaimed water main crosses and stub-outs, etc. and these costs shall be included as part of the overall project construction cost estimate.

Phase IIIA – Public Outreach

Not Applicable

Phase IV – Bidding/Negotiation Phase

Not Applicable

Phase V – Construction Administration Phase

Not Applicable

ASSUMPTIONS

Work described herein is based upon the assumptions listed below. If conditions differ from those assumed in a manner that will affect schedule of Scope of Work, Consultant shall advise City in writing of the magnitude of the required adjustments. Changes in completion schedule or compensation to Consultant will be negotiated with City.

1. No hydraulic modeling of the system will be conducted. Stub-outs shall be sized at 6-inches typical.
2. Consultant can assume that all existing and proposed infrastructure improvements are within City of Delray Beach rights-of-way.
3. Construction services are not included.
4. *Per the Reclaimed Water Master Plan and the limits of the SW 4th Street, SW 6th Street, and SW 7th Avenue project, the reclaimed water main has been proposed per Change Order #1 (see attached Figure 4-5). The additional survey and design required to extend and set the reclaimed water meter boxes at their final service location for Merritt Park, Catherine Strong Center / Boys & Girls Club, Toussaint L’ouverture High School for the Arts, and Village Academy of the Arts is not included in this Change Order No. 3. Stub-outs will be provided within the limits of this project (see attached updated Figure 4-5).
5. City is responsible for all permitting fees, including costs of public notification in local newspapers.
6. The Contract Documents will be prepared as a single contract. No pre-purchase of materials and/or equipment is presumed.
7. City will be responsible for preparation of any descriptions, sketches and acquisition of easements (including temporary construction easements) that may be required. Consultant will identify the location and dimensions of any easements or temporary construction easements required for use of the City to prepare the easement descriptions and deeds.

8. The design is to be based on the federal, state and local codes and standards in effect at the beginning of the project. Revisions required for compliance with any subsequent changes to those regulations is considered an Additional Services Item not currently included in this Scope of Work.

ADDITIONAL SERVICES

Consultant shall provide additional engineering services relating to the provision of surveying, geotechnical, sanitary, water, drainage improvements and lighting to the project area that are not covered under this Service Authorization. These additional services may be required due to uncertainties discovered during survey, soils, investigations, field verification of existing facilities and conditions, and potential property or easement acquisitions.

Services performed under this task will be on as-directed basis in accordance with a written Notice-to-Proceed from the City Manager. The Notice-to-Proceed issued shall contain the following information and requirements:

- A detailed description of the work to be undertaken.
- A budget establishing the amount of the fee to be paid in accordance with the Agreement.
- A time established for completion of the work.

III. TIME OF PERFORMANCE

The agreed upon project schedule between the City and Consultant has been modified for this Change Order No. 3. Refer to attached project schedule for the overall project.

VI. COMPENSATION

The compensation for Change Order No. 3 services provided shall be billed on a Lump Sum basis.

<u>Engineering Services</u>	<u>Estimated Fees</u>
Phase III – Final Design Phase	\$ 6,100.00
Out-of-Pocket Expenses	\$ <u>0</u> ⁽¹⁾
TOTAL PROJECT COST (LUMP SUM)	\$6,100.00

Notes:

⁽¹⁾ Out-of-Pocket Expenses include the following: mileage, printing/reproduction and postage.

This scope of work refers to the AGREEMENT FOR PROFESSIONAL SERVICES RFQ 2017-032, ENGINEERING DESIGN SERVICES: SW 4TH STREET, SW 6th STREET, AND SW 7TH AVENUE, PROJECT NO. 16-500, and is approved contingent upon the City's acceptance of and satisfaction of the completion of the services rendered in the previous phase whereas encompassed by the previous Service Authorization. If the City in its sole discretion is unsatisfied with the services provided in the previous phase or Service Authorization, the City may terminate the contract without incurring any further liability. The Consultant shall commence work upon City Commission approval and this Service Authorization to be included as part of the contract without any further notice to proceed.

Approved by:

CITY OF DELRAY BEACH:

Date: _____

SHELLY PETROLIA, MAYOR

MATHEWS CONSULTING, A BAXTER
& WOODMAN COMPANY

Date: 1/28/19

Rebecca Travis
Rebecca Travis, P.E., Vice President

Witness

Attest:

LYNN GELIN City Attorney

KATERRI JOHNSON, CITY CLERK

STATE OF FLORIDA
COUNTY OF PALM BEACH

The foregoing instrument was acknowledged before me this 28 day of January, 2019 by Rebecca Travis, Vice President of Mathews Consulting, a Baxter & Woodman Company, an Illinois corporation, on behalf of the corporation. He/She is (personally known to me) or (has produced identification), Florida Driver's License _____ and (did) take an oath.

Constance Marshall
Signature of person taking
Acknowledgement

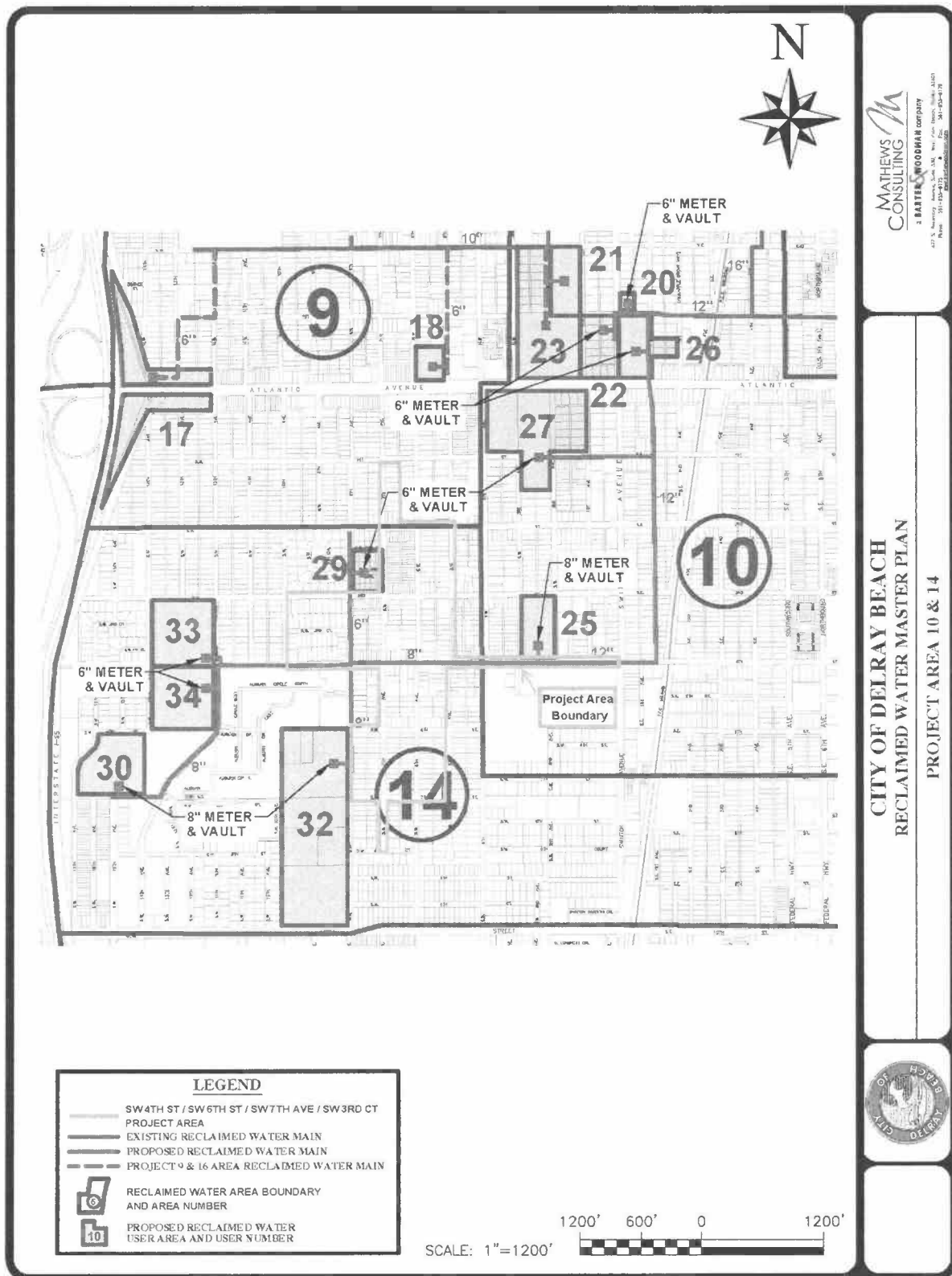


Figure 4-5: Areas 10 and 14 from 2016 Reclaimed Water Master Plan Update



Revised Figure 4-5: Updated Area 14 Reclaimed Water Main Alignment