

**CHANGE ORDER NO. 3 TO
WORK ASSIGNMENT NO. 2
PURSUANT TO THE JULY 13, 2010 AGREEMENT BETWEEN THE
CITY OF VENICE, FLORIDA AND
KING ENGINEERING ASSOCIATES, INC.**

WHEREAS, on July 13, 2010 the parties entered into an Agreement whereby the **CONSULTANT** would perform professional services for the **OWNER** pursuant to an executed Work Assignment; and

WHEREAS, on June 12, 2012, the parties entered into Work Assignment No. 2 which was for the purposes of providing design, permitting, bidding and construction management services for Phase 1 of the Water Main Replacement Program; and

WHEREAS the parties entered into Change Order No. 1, in the amount of \$16,000, which was for the purposes of adding Army Corp. of Engineers permitting, Sarasota County permitting and obtaining Property Owner Agreement to the scope of services; and

WHEREAS the parties entered into Change Order No. 2, in the amount of \$7,440, which was for the purposes of incorporating Addendum changes and providing services to re-bid and award the project to a contractor; and

WHEREAS, the parties now wish to enter into Change Order No. 3 which is for the purposes of providing additional design and construction management services; and

WHEREAS, the **OWNER** wishes to authorize the **CONSULTANT** to perform professional services concerning Phase 1 of the Water Main Replacement Program as more particularly described in the Scope of Services for this Changer Order No. 3 contained herein; and

WHEREAS, the **CONSULTANT** wishes to perform such professional services.

NOW THEREFORE, in consideration of the premises and mutual covenants contained in the July 13, 2010 Agreement and in this Work Assignment, the parties agree as follows:

1. General description of the project: The work shall generally include providing design, permitting and construction management services for water main replacements.
2. Scope of services to be performed: **CONSULTANT** shall perform the services described in the Scope of Services attached as Attachment "A".
3. Initial compensation plus Change Order Nos.1 and 2 compensation to be paid: **OWNER** shall pay the **CONSULTANT** on a Lump Sum basis not to exceed amount of \$115,798 (\$92,358 initial compensation under Work Assignment No. 2 plus \$16,000 under Change Order No. 1 plus \$7,440 under Change Order No. 2 compensation).
4. As the **OWNER** and the **CONSULTANT** agree that the services will be continued under this Change Order No. 3 at an additional compensation of \$35,085, as set forth in Attachment "A", bringing the total compensation under Work Assignment No. 2 to \$150,883.
5. Time for completion: **CONSULTANT** shall complete the project management services specified in this work assignment in accordance with schedules established by City staff and in accordance with the project construction schedule.

IN WITNESS WHEREOF, the parties have executed this change order on the
_____ day of _____ 2014.

CONSULTANT



Christopher F. Kuzler
Sr. Vice President

CITY OF VENICE

By: _____
Mayor

ATTESTED:

City Clerk

Attachment "A"
SCOPE OF SERVICES
Water Main Replacement Program - Phase 1, Change Order No. 3
Additional Design, Permitting and Construction Management Services

Background

The City of Venice has had issues with the water main at the southeast corner of Miami Avenue and Nassau Street and, to address this issue, would like to replace the water main on Nassau Street from Ponce DeLeon Avenue to the alley just north of Miami Avenue (± 665 feet). Because the water Main Replacement Phase 1 project includes water main work at the intersection of Ponce DeLeon Avenue and Nassau Street, the City would like to include replacement of the subject water main in the Phase 1 project. This Change Order authorizes King Engineering Associates, Inc. (King) to provide additional design, permitting and construction management services for the proposed work.

Scope of Services:

Task 1- Field Investigations

Task 1.1- Survey

Consultant will perform topographic survey services extending from right-of-way line to right-of-way line on Nassau Street from Ponce DeLeon Avenue to the alley just north of Miami Avenue. The survey will record the following above ground features:

- Edge of pavement;
- Curbs, driveways and sidewalks;
- Power poles;
- Above ground utilities, existing valves and depth to valve nuts;
- Manhole rims, inverts and pipe sizes;
- All trees and their approximate driplines.

The survey will be based on tied to State Plane Coordinates and an arbitrary vertical datum. The survey effort does not include right-of-way surveys, however, readily available property corners along the fronts of the properties will be located for reference.

Task 1.2- Field Visits

Consultant will visit the site to evaluate the potential new water main alignment and to supplement the information collected by survey.

Task 1.3- Geotechnical Investigation

Through the use of a subconsultant, Consultant will obtain two (2) standard penetration test (SPT) borings to a depth of 15 feet on Nassau Street, on both sides of Miami Avenue, in anticipation of crossing this intersection by horizontal directional drill or Jack & bore. Results of the geotechnical testing will be summarized in a signed and sealed geotechnical report outlining:

- Boring location plan;
- Borings logs with soil stratification based on visual soil classification;

- Encountered soil and bedrock conditions;
- Summarized laboratory data;
- Groundwater levels observed during drilling;
- Geotechnical recommendations.

Task 2 – Design

Task 2.1 – Engineering Evaluations

Consultant will perform the following evaluations as part of the design of the project:

- 2.1.1 –HDD calculations to determine the feasibility of HDD and/or the required drill depths or special requirements.
- 2.1.2 –Determination of existing utilities along the proposed new water main alignment. Consultant will call in a Florida One Call Design Ticket and send draft plans to the affected utilities to obtain the location of their existing facilities. This information will be combined with the visual observation of markings placed by utilities prior to the geotechnical field effort.

Task 2.2 - Drawings

Consultant will develop design drawings for the proposed water main. Drawings sheets are anticipated to include:

- Proposed New Water Main Plan (2 panels)
- Proposed New Water Main Plan – HDD Profile
- Maintenance of Traffic (2 sheets)

Drawings will be developed in AutoCAD and will be similar in detail and approach and those developed for the original Phase 1 project. Drawings will be half-size (11" x 17" sheets). Drawings for new water mains will be at 1"=30' scale. Property lines will be shown based on the Sarasota County Property Appraiser's maps and, as such, will be approximate. Aerials will be Google aerials.

Drawings will be submitted for the City's review at the 50% and 100% completions levels by email. One review meeting will be held after the 50% level.

Task 3 – Permitting

Task 3.1 – FDEP Water Permit

Consultant will prepare an FDEP Notice of Intent to Use the General Permit for Construction of Water Main Extensions for PWSs for submittal to the Sarasota County Department of Health and will respond to questions necessary to obtain approval for the permit. Fees include the \$900 Permit processing fee.

Task 3.2 – Sarasota County Right-of-Way Use Permit

Consultant will prepare an application package for a Sarasota County Right-of-Way Use permit, submit the application along with the required drawings and MOT plans and respond to County comments as necessary to obtain the permit. Fees include the \$515 Permit processing fee.

Task 4 – Additional Construction Services

The original Work Authorization for the Phase 1 project assumed a 3 month (12 week) construction contract duration. Based on feedback from contractors, the construction contract duration was increased to 8 months (35 weeks) during the bid process. Consultant will provide construction management and engineering services for the additional water main on Nassau Street and over the additional 23 week period to include:

New Water Main on Nassau Street

- Assisting the City with reviewing the Contractor's proposal for the additional water main on Nassau Street and with negotiating and preparing the Change Order.
- Performing an additional Substantial walkthrough and developing a punchlist for the water main on Nassau Street;
- Preparing Record Drawings for the new water main on Nassau Street based on red-lined As-Built drawing markups provided by the Contractor;
- Reviewing an additional set of pressure test and disinfection test results for the new water main on Nassau Street and preparing and submitting an additional certification package to the Department of Health.

Overall Project

- Attendance at up to four (4) additional construction progress meetings/site visits by King's Project Engineer or Project Manager. It is assumed that preparation and distribution of an agenda and minutes will be provided by the City's inspector.
- Providing site visits by King's Field Representative to address questions raised during construction. A total of 48 hours is budgeted for this effort.
- Providing additional general Program Management during construction including:
 - Maintaining routine contact and discussing construction progress and project developments with the City's inspector;
 - Reviewing the City Inspector's Daily Reports;
 - Miscellaneous phone calls and emails and coordination with the City's Project Manager and other City staff, including assisting the City's Project Manager with miscellaneous minor project related questions and general consultation with respect to the Contractor's contractual obligations;
 - Miscellaneous phone calls and emails with the Contractor's staff required to respond to minor questions not requiring formal RFIs;
 - Document control including maintaining files of correspondence, meeting minutes, Contract Documents, Change Orders, Field Orders, RFIs, Work Change Directives, Addenda, additional Drawings issued subsequent to the execution of the Contract, progress reports, Shop Drawing and Sample submittals, regulatory correspondence and other Project-related documents.

Deliverables

- Three (3) signed and sealed copies of the final Geotechnical Report.
- One PDF by email of the additional drawings at the 50% completion level.
- One PDF by email of the additional drawings at the 100% completion level.
- Five (5) half-size signed and sealed copies of the construction drawings along with a CD containing the drawings in PDF and AutoCAD format.
- One hardcopy of all permit application packages and RAI submittals.

Compensation

The proposal fee for the above scope of work will be charged as a Lump Sum and will be invoiced monthly based on percentage completion of each task. The following table shows the fee by task.

Fee Proposal			
Task	Description	Basis	Fee
1	Field Investigations	LS	\$6,615
2	Design	LS	\$8,455
3	Permitting	TM	\$3,745
4	Additional Construction Services	LS	\$16,270
	Total		\$35,085

Time of Completion

The project schedule is outlined below. The schedule provides time from start to completion of each task in calendar days from notice to proceed. The notice to proceed will be effective the date this Work Assignment is approved by the City.

Project Schedule (Calendar Days from Date of Work Assignment)			
Task	Description	Start	Complete
1	Field Investigations	0	30
2	Design	0	50
3	Permitting	30	90
4	Additional Construction Phase Services	Per City Schedule	