

TASK ORDER

Task Order for the Lake Worth Beach Lake Osborne Estates Water Main Replacement Project Phase I - Expansion Area

TASK ORDER NO. 5 AMENDMENT NO. 1

THIS TASK ORDER ("Task Order") is made on the ___ day of ___, 2020, between the **City of Lake Worth Beach**, a Florida municipal corporation located at 7 North Dixie Highway, Lake Worth, Florida 33460 ("City") and Craig A. Smith & Associates, Inc., a Florida corporation ("Consultant").

1.0 Project Description:

The City desires the Consultant to provide those services as identified herein and generally described as: Lake Osborne Estates Water Main Replacement Project Phase I - Expansion Area (the "Project").

2.0 Scope

Under this Task Order, the Consultant will provide professional services to the City as detailed in the **Consultant's proposal attached hereto and incorporated herein as Exhibit "1"**.

3.0 Schedule

The services to be provided under this Task Order shall be completed within 150 calendar days from the City's approval of this Task Order or the issuance of a Notice to Proceed.

4.0 Compensation

This Task Order is issued for a lump sum, not to exceed amount of \$96,400.00. The attached proposal identifies all costs and expenses included in the lump sum, not to exceed amount.

5.0 Project Manager

The Project Manager for the Consultant is Dimitrios Scarlatos, phone: (561) 400-2811; email: dscarlatos@craigasmith.com; and, the Project Manager for the City is Giles Rhoads, phone: (561) 586-1640; email: grhoads@lakeworthbeachfl.gov.

6.0 Progress Meetings

The Consultant shall schedule periodic progress review meetings with the City Project Manager as necessary but every 30 days as a minimum.

7.0 Authorization

This Task Order is issued in compliance with the Consultants' Competition Negotiation Act, section 287.055, Florida Statutes, and pursuant to the Agreement for Professional

Services between the City of Lake Worth Beach and the Consultant, dated March 16, 2018 ("Agreement" hereafter). If there are any conflicts between the terms and conditions of this Task Order and the Agreement, the terms and conditions of the Agreement shall prevail; however, the specific scope of services set forth in this Task Order shall take precedence over any other more general description of services.

IN WITNESS WHEREOF the parties hereto have made and executed this Task Order as of the day and year set forth above.

CITY OF LAKE WORTH BEACH, FLORIDA

By: _____
Pam Triolo, Mayor

ATTEST:

By: _____
Deborah M. Andrea, City Clerk

APPROVED AS TO FORM AND
LEGAL SUFFICIENCY:

APPROVED FOR FINANCIAL
SUFFICIENCY

By: _____
Glen J. Torcivia, City Attorney
Bar 42520

By: _____
Bruce T. Miller, Financial Services Director

CONSULTANT: Craig A. Smith & Associates

By: _____
[Signature]

[Corporate Seal]

Name: Stephen C. Smith, P.E.

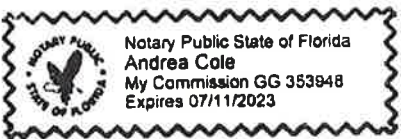
Title: Senior Vice President

STATE OF Florida
COUNTY OF Palm Beach

The foregoing instrument was acknowledged before me this 20 day of April, 2020, by Stephen C. Smith, who was physically present, as Senior Vice President of Craig A. Smith & Associates, which is authorized to do business in the State of Florida, and who is personally known to me or who has produced the following _____ as identification.

Notary Public

[Signature]
Print Name: Andrea Cole
My commission expires: 7-11-2023





CRAIG A. SMITH & ASSOCIATES

21045 Commercial Trail • Boca Raton, FL 33486

CONSULTING ENGINEERS • SURVEYORS • UTILITY LOCATORS

www.craigasmith.com

April 20, 2020

EXHIBIT 1

Mr. Giles M. Rhoads, P.E.
Utilities Engineer
City of Lake Worth Beach
301 College Street
Lake Worth, FL 33460

(via email)

**RE: LAKE OSBORNE ESTATES WATER MAIN REPLACEMENT PROJECT - PHASE I
EXPANSION
PROFESSIONAL ENGINEERING & SURVEYING SERVICES
CAS PROPOSAL NO. P3849**

Dear Mr. Rhoads:

Craig A. Smith & Associates (CAS) is pleased to submit this proposal to provide professional engineering, surveying services and utility locates services associated with the City of Lake Worth Beach (CITY) Phase I Replacement of Water Main in the Lake Osborne Estates Neighborhood.

It is the CITY's preference to eliminate all rear service mains, eliminate undersized water mains and that any existing galvanized water mains be replaced. As a result, the CITY has performed pothole investigations and records research in the Lake Osborne Estates neighborhood areas. As a result of the City investigations, it was determined that the phase I project area would be expanded to include additional water main improvements in the area of Lake Geneva Drive and High Ridge Road as shown in **Exhibit A** and as follows:

- Propose approximately 1,500 linear feet of new 4"-6" water main.
- Abandon approximately 2,650 linear feet of existing water main. Rear lot water mains will be abandoned in place after cutting and capping the lines at the right of way. Water mains to be abandoned that are located within the road right of ways will be grout filled, abandoned in place and cut/capped where necessary.
- As a result of the water main abandonments, approximately 41 existing meter services will be reconnected to either existing water mains to remain or to new water mains installed.

The anticipated CAS services for the scope of work areas identified in **Exhibit A** include surveying, utility locating services, utility test hole services, engineering design and permitting. **It is anticipated that the new expanded project areas under this proposal can be addressed by modifying the existing design plans for Lake Osborne Estates Water Main Improvements Phase I and submitting those additional plans for permit modifications.**

Please note that contractor permits, dewatering permits or NPDES permits are not included in this proposal. Engineering and construction management services during construction are not

included in this proposal. Geotechnical services are not provided as part of this proposal at the request of the CITY.

Information to be provided by the CITY:

- As-built, utility atlas and available GIS information for existing utilities within the project area;
- CITY Standard Details for Construction in CADD format;
- Payment of all Permitting Fees;
- Sizing and system configuration model of the water system.

Note: The CITY has indicated that they will provide CAS with the proposed watermain system sizing and configuration for design. Water modeling design is not part of this proposal.

TASK DESCRIPTION

SURVEY AND LOCATES TASKS

Pursuant to your request, Craig A. Smith & Associates (CAS) will provide professional surveying services in connection with the above referenced project. The limits are described in the narrative below. More specifically, the surveying tasks to be provided will include the following:

S85 PROVIDE UTILITY LOCATES – GPR/EM SERVICES

Provide utility location and verification services within the area requested per task S86 below. Using AWWA standards for marking, a sub-surface ground penetrating radar (GPR) unit shall be used in addition to electromagnetic induction (EM) to perform/verify horizontal locations of existing utilities. Lines will be painted on the ground or pin flags set to show said lines on the surface.

CAS'S Lump Sum (LS) Fee for Task S85 shall be.....\$3,360.00

S86 MAP OF SPECIFIC PURPOSE SURVEY

Survey will physically locate all above ground, visible improvements and visible utilities within the existing right of way corridors as described in the narrative (per above) as well as utility surface markings performed by Craig A. Smith & Associates Utility Locating Department. Up to five (5) utility test holes will be located and the information for each shown per Test Hole Reports provided to the Surveyor. Visible structures will be located, and rim elevations shown for each. A base line will be established, and cross sections taken every 100 feet. All elevations shown will be relative to North American Vertical Datum of 1988 (NAVD '88). Trees 3" or greater in diameter within the corridor will be located and shown by common name (if known) with the size ABH (at breast height). A search will be made for the existing water meters if they fall in the rear easements of applicable lots and they will be shown as available on a separate map. A Map of Specific Purpose Survey will be created for the overall survey. A base map will be provided to the Client and CAS engineering, as

well as said Map of Specific Purpose Survey for submittal to entities of interest in .PDF format.

CAS'S Lump Sum (LS) Fee for Task S86 shall be..... \$12,155.00

S90 UTILITY TEST HOLES (SOFT DIGS)

Utility test holes (soft digs) will be performed and reports provided for each with utility depth, elevation, size, material and type. The test holes will be performed based on the direction of the project engineer and limited to five (5) test holes per this request.

CAS'S Fee for Task S90 shall be billed on a per hole basis with an estimate of 5 Holes.....TEST HOLES (5) \$2,475.00 (NOT TO EXCEED)

ENGINEERING DESIGN TASKS

E53 FINAL ENGINEERING DESIGN (90-100% COMPLETE)

Subsequent to completion of Survey and Locates Tasks S85, S86 and S90 mentioned above and upon written authorization to proceed from the CITY, CAS shall modify the existing approved Lake Osborne Estates Water Main Improvements Project Phase I engineering design plans to include the additional expanded project areas outlined in this proposal.

Note: 1. Profiles of the proposed water main will not be included or anticipated.
2. Property easements or acquisitions are not anticipated.

1. CAS shall submit four (4) sets of 90% construction plans (to include CD) to the CITY. The 90% submittal documents will include an Engineer's Opinion of Probable Cost for the proposed 90% construction plans.
2. After QA/QC review by the CITY, CAS will revise the 90% construction plans and submit the construction plans for permitting.
3. Once permit approvals have been obtained, CAS shall submit four (4) sets of 100% construction plans (to include CD) and Engineers Opinion of Probable Cost to the CITY for Construction.

CAS'S Lump Sum (LS) Fee for Task E53A shall be.....\$18,330.00

Note: Offsite improvements beyond the project limits described are not included in this proposal.

E61A PERMITTING SERVICES

CAS will provide technical criteria, written description and design data for use in filing applications for permit modifications relative to CAS's scope of services with the governmental agencies having jurisdiction to review the design of the project. CAS will use the 90% Design plans as detailed in Task E53 to file for applications with the permitting agencies listed below. Permit fees are the responsibility of the CITY and are not included within this agreement. The following regulatory agency permit application submittals are anticipated:

- Palm Beach County Engineering and Public Works Department-Land Development Division
- Palm Beach County Health Department

CAS'S Fee for Task E61 shall be billed on a time and materials (T&M) basis with an estimated budget of.....\$10,080.00

Note: Construction dewatering (if proposed) or FDEP Notice of Intent - National Pollution Discharge Elimination Systems permitting are considered by CAS as contractor-type permits and shall be made part of the construction contract and the responsibility of the contractor.

E61B BUILDING PERMITS FOR WATER SERVICES – HEALTH DEPARTMENT

CAS has been instructed to assist in obtaining Palm Beach County Department of Health permit approvals for the proposed water service connections on private property to be installed by the Contractor. CAS's scope will include the following:

- Developing site plan templates to be used to depict the existing locations of the septic tank and drainfields on each private property (estimated at approximately 245 properties).
- Completion of Palm Beach County Department of Health permit applications for all 245 properties. This work will require researching each property address on the Palm Beach County property appraiser website in order to determine information needed for completion of the permit applications (i.e, folio#, building square footage, property lot size, lot/block#, etc.)
- Provide utility location and verification services within the area requested for locating the limits and locations of the existing septic tank and drainfields and then sketching the information on the site plan templates. Locating services will use AWPA standards for marking. A sub-surface ground penetrating radar (GPR) unit shall be used in addition to electromagnetic induction (EM) to verify horizontal locations of the septic tanks and drainfields. Lines will be painted on the ground or pin flags set to show said lines on the surface.
- After locates work is completed, the completed site plan templates will be QA/QC'd by the CAS Project engineer. Once the CAS review is completed, the

permit applications and site plans for each property will be provided to the Contractor to complete so he can file for building plumbing permits through Palm Beach County Health Department and Pam Beach County Building Department.

CAS'S Lump Sum (LS) Fee for Task E61B shall be\$50,000.00

Note: This task will address one (1) submittal to the Palm Beach County Health Department to be made by the Contractor. Any permit related comments requiring revisions be made by CAS relating to this Task will be considered additional services.

SUMMARY OF COSTS

CAS proposes to accomplish the professional services listed for the following total lump sum and time and materials fees, which is the sum of the fees for each phase and its specific work tasks:

<u>SURVEY TASKS AND LOCATES TASKS</u>	
UTILITY LOCATES – GPR/EM SERVICES	\$3,360.00
MAP OF SPECIFIC PURPOSE SURVEY	\$12,155.00
UTILITY TEST HOLES ("SOFT DIGS")	\$2,475.00
SUBTOTAL	\$17,990.00
<u>ENGINEERING DESIGN TASKS</u>	
FINAL ENGINEERING DESIGN (90-100% COMPLETE)	\$18,330.00
PERMITTING SERVICES	\$10,080.00
BUILDING PERMITS FOR WATER SERVICES – HEALTH DEPARTMENT	\$50,000.00
SUBTOTAL	\$78,410.00

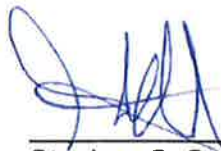
GRAND TOTAL (LS and T&M): \$96,400.00

Lake Osborne Estates Water Main Replacement Project - Phase I Expansion
April 17, 2020
Proposal P3849
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Your endorsement of this letter will be understood as CAS's Notice to Proceed with the project. If there are any questions, please feel free to contact Stephen Smith at (954) 815-4111 (email: ssmith@craigasmith.com).

Thank you for your time and effort in supporting this project. We appreciate your business.

AGREED TO AND ACCEPTED BY:



Stephen C. Smith, P.E.
Senior Vice President

Signature

Print Name

Date

cc: File

