

**TASK ORDER No. 4**

Dated this \_\_\_\_ day of \_\_\_\_\_, 2015

**CITY PROJECT No. 12133**

**FORT LAUDERDALE PUBLIC WORKS DEPARTMENT**

**A-13 New Pump Station, Sewer Redirection – East of Federal Highway**

**PROFESSIONAL SERVICES**

This Task Order is pursuant to the Continuing Services Contract Agreement (No. 626-10881-3) between the City of Fort Lauderdale, a Florida municipality, ("CITY") and Craven Thompson & Associates, Inc., ("CONSULTANT"), a Florida corporation, for civil engineering consultant services in accordance with the terms of the agreement for professional services dated November 6, 2012 between CITY and CONSULTANT ("MASTER AGREEMENT") and extended by City Commission on October 21, 2014 to November 5, 2015.

**PROJECT BACKGROUND**

The existing pump station (PS) A-7 was designed and constructed in 1996-1997 and due to high redevelopment and Inflow and Infiltration flow in the wastewater collection system the existing wet well is at capacity. Ongoing and future redevelopment will necessitate a new pump station to be constructed east of Federal Highway to divert approximately one million gallons per day (1 MGD) to the new pump station. (A-13) **See Exhibit 1**. The Project area is the PS A-7 Basin east of Federal Highway bounded on the north by NE 3<sup>rd</sup> Street on the east by Victoria Park Road on the south by Las Olas Boulevard and on the west by Federal Highway.

**PROJECT DESCRIPTION**

The project includes installation of approximately 1,600 linear feet of 18"-24" gravity sanitary sewer, 350 linear feet of 10" force main and a new 1 MGD pump station(PS) for the east PS A-7 basin. Services to include survey, utility locates, geotechnical, electrical engineering for pump station, sanitary sewer design, permitting, bid documents and assistance and construction observation services. All available existing documentation, calculations, record drawings, etc. will be provided by CITY to CONSULTANT.

**SCOPE OF SERVICES AND DELIVERABLES**

This task order will cover the engineering, surveying services and construction services required to complete plans, and obtain permits and on part time construction services for the **A-13 New Pump Station, Sewer Redirection – East of Federal Highway**.

The CONSULTANT is responsible for all work of their sub consultants/subcontractors to meet the deliverables included on this task order.



FDOT Utility Permit  
City of Fort Lauderdale Engineering and Building Department

***It is anticipated that the Contractor shall acquire the dewatering permit including potential environmental requirements established by SFWMD and BCEPGMD***

**Deliverables: Permit Submittals and Permits Not to Exceed: \$10,040**

**Task 4 – Final Design**

4.1 CONSULTANT shall prepare plans for the proposed Sanitary Sewer Improvements for the **A-13 New Pump Station, Sewer Redirection – East of Federal Highway** for review by CITY at the 100% design phase. CONSULTANT shall use previous acquired data and comments to finalize the plans. Plans shall include sufficient information for permitting and bidding purposes. Sanitary Sewer Improvements shall consist of the following:

- Review all available documentation regarding previous studies, surveys, as-builts, atlases, etc. The documents will be used to create a base for which to apply improvements to in order to resolve the reduced capacity issues at Pump Station A-7 within the Project Area.
- Approx. 1,600 linear feet of gravity PVC sanitary sewer design (18” – 24”)
- Approx. 350 linear feet of 10” force main including a connection to the existing 48” force main
- 1 million gallon per day (average flow) pump station located on City owned property on SE 2<sup>nd</sup> Court in the vicinity of the existing PS A-8.
- Roadway Restoration

**Deliverables: 100% Plans in ACAD 2014 or greater Not to Exceed: \$22,490  
Cost Estimate**

**Task 5 – Bidding Services**

5.1 CONSULTANT shall assist the CITY is preparing the Bid Documents including incorporating the City’s front end documents. Construction Documents shall be provided to CITY to acquire bids. The Bid shall be a unit price contract and a bid schedule will be provided by CONSULTANT. CITY shall provide the front-end documents and procurement. This task includes responses to bidder questions, plan and document revisions for Addendum (if necessary), assist CITY is preparing Addendum Package and Bid Review.

- CONSULTANT shall respond to Request for Information (RFI) from prospective bidders.
- CONSULTANT shall provide supplement information to prospective bidders as necessary, and issue addenda during the bid process.
  
- CONSULTANT shall review all bids to determine the most responsible and responsive bidder and provide the CITY with a recommendation for award of the construction contract.
  
- The following meetings are included in this task:
  - One (1) meeting with the City to pre-bid-meeting.

**Deliverables: Plans, Bid Tabulations and Not to Exceed: \$6,040  
Supplements to the Bid Package**

**Task 6 – Construction Phase Services**

6.1 CONSULTANT shall provide field observation and inspection services for the proposed project. The field observations and inspections are estimated at six (6) hours per week for a construction period of nine (9) months for a senior inspector (324 hrs.). Services include site visits, testing observation, attendance at meetings (up to 20 hours), coordination with City's construction manager, part time on-site observations/verification of construction in progress (including specialized field tests) to determine if construction is proceeding in substantial accordance with the Contract Documents and consider and evaluate Construction Contractor's suggestions for modifications in drawings or specifications.

**Deliverables: Field Reports of field observations                      Not to Exceed:                      \$36,820**

**Task 7 – Project Closeout**

- 7.1
- CONSULTANT will be present for the pump station startup to verify that it will be capable of performing per the required design and prepare a recommendation or project acceptance for the City.
  
  - CONSULTANT shall coordinate and process closeout services to all relevant permitting agencies once satisfactory as-builts have been provided by CONTRACTOR, This does not include preparation of survey information for as-builts.

**Deliverables: Project Closeout Documents                      Not to Exceed:                      \$6,100**

The deliverables need to include DWG, PDF, WORD, EXCEL, MICROSOFT PROJECT or other relevant files in the original format as required by Contract Agreement Article 11. The drawings need to comply with CITY CAD Standards

**PROJECT ASSUMPTIONS**

Specific assumptions for the project:

- CITY shall provide full construction services during the project. CONSULTANT staff will provide construction services as stipulated in Task 6.
  
- CITY shall provide all available information regarding the Project Area, As-builts, Atlases, Easements, Plats, Hydraulic Calculations, Tie-in Pressures, Sanitary Flows, etc. in Electronic and Hard Copy form.
  
- CONSULTANT shall review all City, County State records, data and/or other documentation available to review land ownership, easements or other restrictions, provided by the CITY that may affect the project. CONSULTANT shall use survey equipment and data collection systems capable to deliver complete surveys and task order deliverables as stated by the scope of work section of this task order.

**CITY'S RESPONSIBILITIES**

- The CITY's project manager, or a designated representative, will coordinate the project for the CITY.
- Meeting Attendance.
- Provide supplemental Construction Observation and Inspections services.
- CITY will provide previous survey data, project records, drawings, reports, studies, calculations, etc.
- Timely review of submittals.
- Access to project site as required.
- Permit Fees

**ADDITIONAL SERVICES**

If authorized in writing by the City as an amendment to this Task Order, the Consultant shall furnish, or obtain from others, Additional Services of the types as listed in the Master Agreement. The CITY, as indicated in the Master Agreement, will pay for these services.

**PERFORMANCE SCHEDULE**

The CONSULTANT shall perform the services identified in Task 1 through 5 inclusive within 260 working days of written Notice to Proceed and Task 6 approximately nine (9) months after the Construction Notice to Proceed and Task 7 approximately two (2) months after final completion as shown on the task order schedule on **Exhibit 2**.

**METHOD OF COMPENSATION**

The services performed shall be accomplished using the Not to Exceed method of compensation. Reimbursable expenses associated with these services are not included in the fees and will be itemized separately, subject to an established Not to Exceed limit. A fee schedule and cost breakdown for reimbursable expenditures is included on **Exhibit 3**.

**TERMS OF COMPENSATION**

Services shall be provided for the following Not to Exceed amounts as identified in **Exhibit 3**.

**PS A -13 Sanitary Sewer Improvements Labor Effort is estimated at 1,460 hours and Not to Exceed amount of \$ 181,470**

Task No.	Description	Consultant Fees	Sub Consultant Fees	Total
Task 1	Survey	\$ 21,720	\$ 0	\$ 21,720
Task 2	Preliminary Design	\$ 51,760	\$ 26,500	\$ 78,260
Task 3	Permitting	\$ 10,040	\$ 0	\$ 10,040
Task 4	Final Design	\$ 18,990	\$ 3,500	\$ 22,490
Task 5	Bidding Assist.	\$ 6,040	\$ 0	\$ 6,040
Task 6	Construction	\$ 33,320	\$ 3,500	\$ 36,820

<b>Task 7</b>	<b>Observation Closeout</b>	<b>\$ 6,100</b>	<b>\$ 0</b>	<b>\$ 6,100</b>
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**CITY CONTACTS**

Requests for payments should be directed to City of Fort Lauderdale Accounts Payable via e-mail to AcctsPayble@FortLauderdale.gov after getting approval from the Project Manager. All other correspondence and submittals should be directed to the attention of Jill Prizlee, P.E. at the address shown below.

Jill Prizlee, P.E.  
Project Manager II  
City of Fort Lauderdale  
City Hall, 4th Floor Utilities Engineering  
100 North Andrews Avenue

Fort Lauderdale, FL 33301  
JPrizlee@fortlauderdale.gov  
(954) 828-5962

**CONSULTANT CONTACTS**

Craven Thompson & Associates  
Patrick J. Gibney, P.E.  
Vice President  
3563 NW 53<sup>rd</sup> Street  
Fort Lauderdale, FL 33309  
Phone: 954-739-6400  
Email: [pgibney@craventhompson.com](mailto:pgibney@craventhompson.com)

Craven Thompson & Associates  
Peter Aquart  
Senior Project Manager  
3563 NW 53<sup>rd</sup> Street  
Fort Lauderdale, FL 33309  
Phone: 954-739-6400  
Email: [paquart@craventhompson.com](mailto:paquart@craventhompson.com)

**Department Signatures**

Approved by:

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Hardeep Anand, P.E.

Date

Public Works Director

**CITY**

IN WITNESS OF THE FOREGOING, the parties have set their hands and seals the day and year first above written.

CITY OF FORT LAUDERDALE, a municipal corporation of the State of Florida:

By \_\_\_\_\_  
LEE R. FELDMAN, City Manager

(CORPORATE SEAL)

ATTEST:

\_\_\_\_\_  
JONDA K. JOSEPH, City Clerk

Approved as to form:

\_\_\_\_\_  
RHONDA MONOYA HASAN Assistant City Attorney



**CONSULTANT**

WITNESSES:

CRAVEN Thompson & Associates, Inc. a Florida corporation.

\_\_\_\_\_

By \_\_\_\_\_

\_\_\_\_\_  
Print Name

\_\_\_\_\_  
Print Name and Title

ATTEST

\_\_\_\_\_

\_\_\_\_\_  
Print Name

\_\_\_\_\_

\_\_\_\_\_  
Print Name and Title

(CORPORATE SEAL)

STATE OF FLORIDA:  
COUNTY OF BROWARD:

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 2015, by \_\_\_\_\_ as \_\_\_\_\_ of CRAVEN THOMPSON & ASSOCIATES, INC. a Florida corporation.

Print Name

Title

SEAL

\_\_\_\_\_  
Notary Public, State of Florida

\_\_\_\_\_  
Name of Notary Typed, Printed or Stamped

Personally Known or  Produced Identification:

Type of Identification Produced \_\_\_\_\_

**EXHIBITS**

**Exhibit 1 Location Map**

**Exhibit 2 Project Schedule**

**Exhibit 3 Work Break Down Fee Schedule**

**EXHIBIT 1**

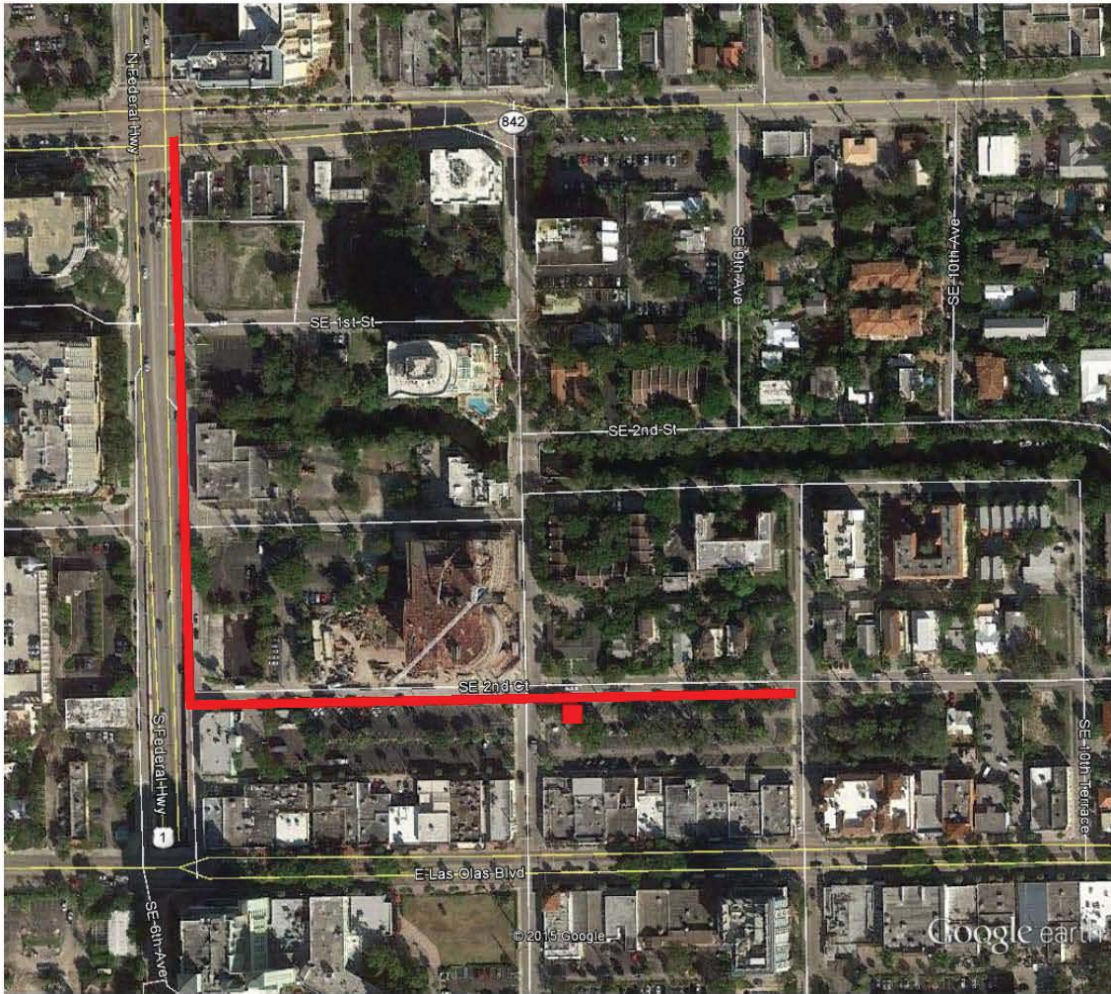


EXHIBIT 2

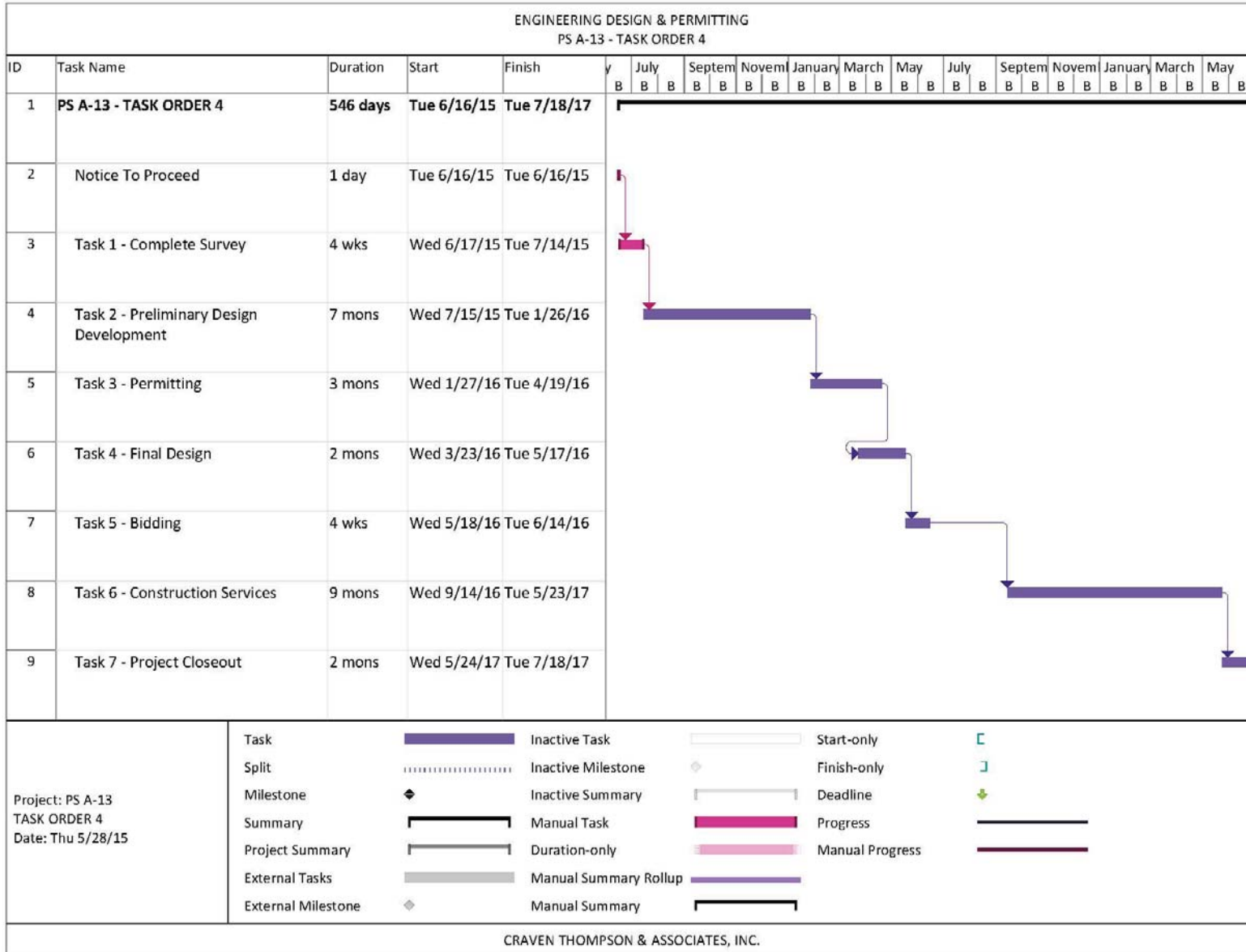


EXHIBIT 3

Pump Station A-13 Sanitary Sewer Improvements  
 City Project No. 12133  
 Task Order No. 4

6/4/2015

CONSULTANT WORK BREAKDOWN AND FEE SCHEDULE

	CRAVEN THOMPSON												SUBCONSULTANT		SUB-TOTAL HOURS	SUB-TOTAL FEES	
	Principal Engineer	Clenical	Sr. Supervising Engineer	Senior Engineer	Project Engineer	Sr. CADD Tech	Principal Surveyor	Professional Land Surveyor	Sr. Engineer (Construction)	Sr Field Representative	2 Man Survey Crew	Laser Survey Crew	Electrical	Soils Test Holes			
	\$176.00	\$50.00	\$150.00	\$120.00	\$105.00	\$80.00	\$130.00	\$110.00	\$120.00	\$90.00	\$100.00	\$250.00					
Hourly Rate																	
Task 1 Survey						40	24	60			88					212	\$21,720.00
Task 2 Preliminary Design			40	114	160	160		8			16		11,500	15,000	498	\$78,260.00	
Task 3 Permitting			8	28	40	16									92	\$10,040.00	
Task 4 Final Design			21	40	64	54						3,500			179	\$22,490.00	
Task 5 Bidding Assistance		8	8	16	24										56	\$6,040.00	
Task 6 Construction Observation		8	8	16	16			88	234			3,500			370	\$36,820.00	
Task 7 Project Closeout		8	2	8	8			24	8						58	\$6,100.00	
															1,465	\$181,470.00	

	CTA HOURS	CTA LABOR	REIMBURSABLE	SUBS	TOTAL
Task 1 - 7	1,465	\$151,470	\$0.00	\$30,000	\$181,470