

Meeting Date: June 23, 2015

Agenda Item 5

REQUESTED COMMISSION ACTION:

Consent     Ordinance     Resolution     Consideration     Workshop

SHORT TITLE OR MOTION: A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF POMPANO BEACH, FLORIDA, APPROVING AND AUTHORIZING THE PROPER CITY OFFICIALS TO EXECUTE WORK AUTHORIZATION NO. 7 IN THE AMOUNT OF \$49,994.00 FOR ENGINEERING DESIGN, PERMITTING AND BIDDING SERVICES RELATING TO AREA D SANITARY SEWER SYSTEM PURSUANT TO THE CONTRACT BETWEEN THE CITY OF POMPANO BEACH AND MATHEWS CONSULTING, INC. FOR CIVIL ENGINEERING SERVICES FOR VARIOUS CITY PROJECTS; PROVIDING AN EFFECTIVE DATE.

Summary of Purpose and Why:

Mathews Consulting, Inc. previously completed the City of Pompano Beach Wastewater Master Plan in April 2012. The purpose of the Master Plan was to evaluate the existing wastewater utility system and make recommendations for necessary improvements. The City's wastewater service area is predominately sewered, with only a few pockets of non-sewered areas remaining. One of these areas which requires sewer is referred to as "Area D" (Martin Luther King Blvd, east of the Turnpike and west of NW 27<sup>th</sup> Ave). This work order is for engineering design, permitting and bidding services.



Accomplishing this item supports achieving Initiative 1.5, "Improve solid waste and wastewater disposal process" identified in the City's Quality and Affordable Services Strategy.

QUESTIONS TO BE ANSWERED BY ORIGINATING DEPARTMENT:

- (1) Origin of request for this action: Utilities Department
- (2) Primary staff contact: A. Randolph Brown / John Sfiropoulos Ext 7044 / 7009
- (3) Expiration of contract, if applicable: N/A
- (4) Fiscal impact and source of funding: \$49,994 from CIP 15-260, Account No. 420-7538-535-6503

DEPARTMENTAL COORDINATION	DATE	DEPARTMENTAL RECOMMENDATION	DEPARTMENTAL HEAD SIGNATURE OR ATTACHED MEMO NUMBER
Utilities	<u>6/3/15</u>	APPROVE	
City Attorney	<u>6/8/15</u>	APPROVE	
Finance	<u>6/8/15</u>	APPROVE	
Budget	<u>6-19-15</u>	APPROVE	

Advisory Board  
 Development Services Director  
 City Manager

ACTION TAKEN BY COMMISSION:

Ordinance	Resolution	Consideration	Workshop
1st Reading	1st Reading	Results:	Results:
2nd Reading			





**City Attorney's Communication #2015-903**  
April 28, 2015

**TO:** John Sfiropoulos, P.E., Civil Engineer III  
**FROM:** Gordon B. Linn, City Attorney  
**RE:** Mathew's Consulting, Inc. – Area D Sanitary Sewer System

Pursuant to your memorandum dated April 28, 2015, Utilities Administration Memorandum No. 15-114, I have prepared and attached the following form of Resolution:

**A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF POMPANO BEACH, FLORIDA, APPROVING AND AUTHORIZING THE PROPER CITY OFFICIALS TO EXECUTE WORK AUTHORIZATION NO. 7 IN THE AMOUNT OF \$49,994.00 FOR ENGINEERING DESIGN, PERMITTING AND BIDDING SERVICES RELATING TO AREA D SANITARY SEWER SYSTEM PURSUANT TO THE CONTRACT BETWEEN THE CITY OF POMPANO BEACH AND MATHEWS CONSULTING, INC. FOR CIVIL ENGINEERING SERVICES FOR VARIOUS CITY PROJECTS; PROVIDING AN EFFECTIVE DATE.**

Please feel free to contact me if I may be of further assistance.

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GORDON B. LINN

/jrm  
l:cor/util/2015-903

Attachment

**CITY OF POMPANO BEACH**  
**Broward County, Florida**

**A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF POMPANO BEACH, FLORIDA, APPROVING AND AUTHORIZING THE PROPER CITY OFFICIALS TO EXECUTE WORK AUTHORIZATION NO. 7 IN THE AMOUNT OF \$49,994.00 FOR ENGINEERING DESIGN, PERMITTING AND BIDDING SERVICES RELATING TO AREA D SANITARY SEWER SYSTEM PURSUANT TO THE CONTRACT BETWEEN THE CITY OF POMPANO BEACH AND MATHEWS CONSULTING, INC. FOR CIVIL ENGINEERING SERVICES FOR VARIOUS CITY PROJECTS; PROVIDING AN EFFECTIVE DATE.**

**BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF POMPANO BEACH, FLORIDA:**

**SECTION 1.** That a Work Authorization between the City of Pompano Beach and Mathews Consulting, Inc. relating to Area D Sanitary Sewer System, a copy of which Work Authorization is attached hereto and incorporated by reference as if set forth in full, is hereby approved.

**SECTION 2.** That the proper City officials are hereby authorized to execute said Work Authorization between the City of Pompano Beach and Mathews Consulting, Inc.

**SECTION 3.** This Resolution shall become effective upon passage.

**PASSED AND ADOPTED** this \_\_\_\_\_ day of \_\_\_\_\_, 2015.

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**LAMAR FISHER, MAYOR**

**ATTEST:**

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**ASCELETA HAMMOND, CITY CLERK**

GBL/jrm  
4/28/15  
l:reso/2015-318

The services rendered pursuant to this Work Authorization No. WA-07 are in accordance with the terms and conditions of the Agreement for Professional Services between the City of Pompano Beach and Mathews Consulting, Inc. originally dated November 29, 2010 and approved by City Resolution No. 2011-64, with fourth Amendment for additional one year extension on November 10, 2014.

## Work Authorization No. 7 – Area D Sanitary Sewer System

### A. Background

Mathews Consulting, Inc. (Consultant) completed the City of Pompano Beach (CITY) Wastewater Master Plan in April 2012. The purpose of the Wastewater Master Plan was to evaluate the existing wastewater utility system (with focus on the wastewater lift stations, force main and transmission system) and to make recommendations for necessary improvements needed to maintain adequate level of service for the anticipated 20-year planning period. The CITY's wastewater service area is predominantly sewer, with only a few pockets of non-sewered areas still existing within the CITY. One of these areas is referred to as Area D – Martin Luther King Blvd, east of the Turnpike (Refer to **Exhibit 1** for Project Location Map). The CITY desires to provide conventional gravity sewer system to this area. This unsewered area occupies approximately 21 acres along Martin Luther King Boulevard, east of the Turnpike and west of NW 27<sup>th</sup> Avenue. This area is occupied by a few commercial/entertainment businesses. Since these properties cover a medium sized area with adequate access to public streets, serving the entire area with a single gravity sewer system is practical.

The design elements are assumed to include the following:

- One (1) new packaged MOPS submersible lift station and control panel. Lift station fence and gate.
- Electrical design shall be provided for the lift station. The lift station will not have any telemetry/RTU. This shall include coordination with FPL service planner in providing service to the lift station location.
- Approximately 1,650 LF of 8-inch gravity sanitary sewer, seven (7) manholes and six (6) sewer laterals & clean-outs.
- Approximately 800 LF of 3 to 4-inch force main and fittings. Connect to existing force main along Martin Luther King Blvd.
- Roadway trench repair.

Final pipeline routing may decrease or increase the pipeline length estimates accordingly.

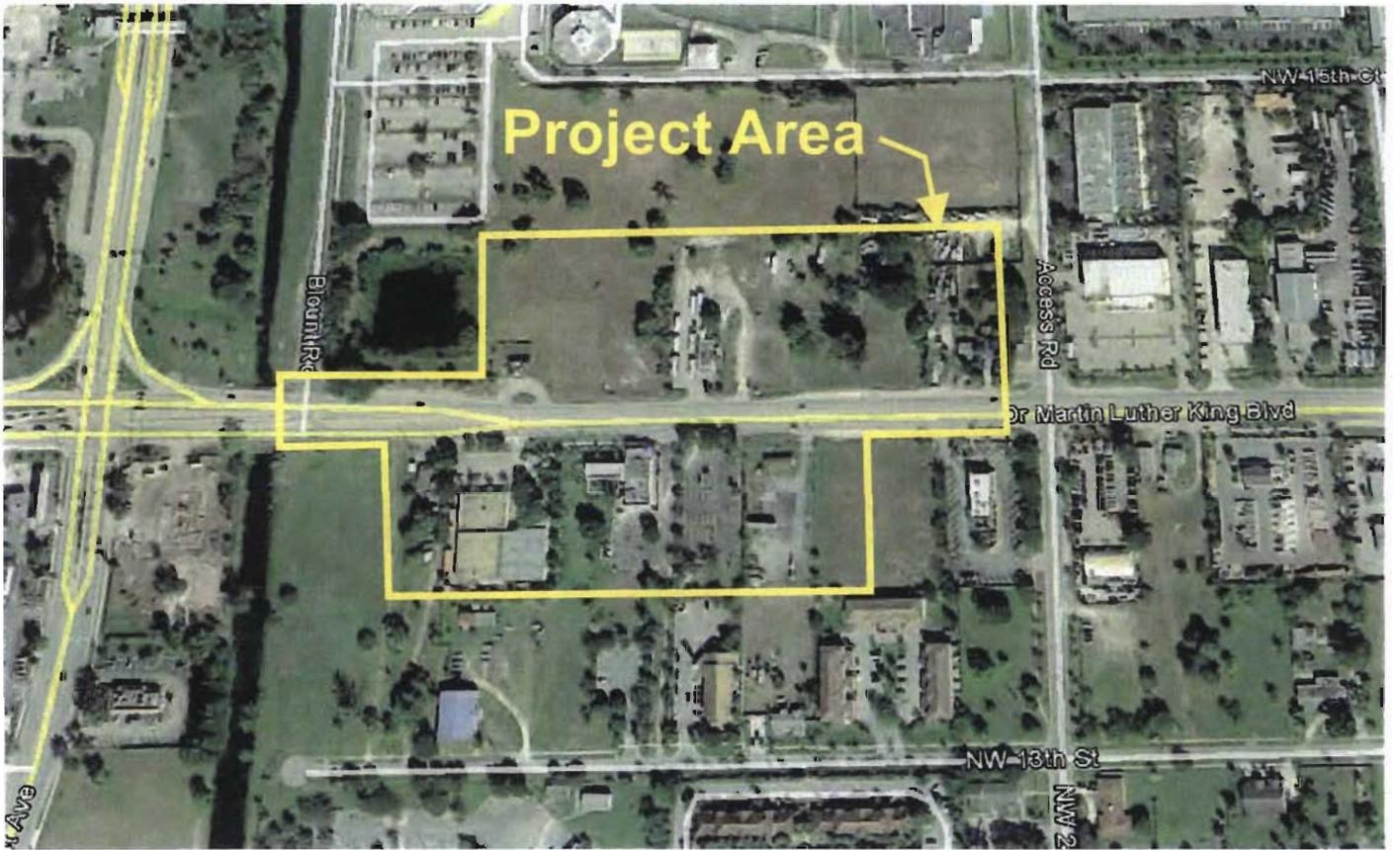
### B. Scope of Services

The Engineering Services of Mathews Consulting, Inc. (CONSULTANT) shall include the following tasks:

- Task 1 – Project Management
- Task 2 – Data Collection
- Task 3 – Design
- Task 4 – Permitting
- Task 5 – Bidding

The specific scope of services to be provided by CONSULTANT in this Work Authorization includes the following:

**EXHIBIT 1  
PROJECT LOCATION MAP**



## Task 1 – Project Management

### Subtask 1.1 Design Workshop Meetings

CONSULTANT shall attend one (1) kick-off meeting and two (2) design workshop meetings with the CITY and provide a written summary of the issues discussed.

### Subtask 1.2 Coordination with Property Owners / Keith & Associates

CONSULTANT shall coordinate with each of the property owners for the location of their existing septic tanks and to determine the location of the sanitary sewer lateral and clean-out. CONSULTANT shall also coordinate this sanitary sewer design with the City's CRA Engineer (Keith & Associates), who is currently preparing a streetscape design along Martin Luther King Blvd.

## Task 2 - Data Collection

### Subtask 2.1 Topographical Survey

CONSULTANT shall furnish the services of a professional surveyor to provide survey services consisting of field topography and horizontal locations referenced by baseline stationing. This control will be referenced using the 1983 NAVD/2007 NSR datum. All existing facilities and utilities within the full right-of-way of the design limits will be referenced by baseline station with an offset distance (left or right) from the baseline for the project and will include the following:

1. Topography survey at 50-foot intervals and at major ground elevation changes to depict existing ground profile at proposed project area. All topographical surveys shall have stationing established from south to north and west to east where applicable. This shall be accomplished by creating a baseline in the field to collect pertinent data which shall include the following:
  - a. Location of all visible fixed improvements within the right-of-way (including 10-feet back on each side of the right-of-way) of the project limits, including physical objects, roadway pavement, driveways, sidewalks, curb, trees, railway tracks, canals, bridges, signs, fences, power poles, buildings, and other encumbrances, including point of curvature and point of tangency.
  - b. Location of all known above and below ground existing utilities: FP&L, AT&T, Cable TV, Natural Gas, Potable Water (pipe diameter, TOP, valves, fire hydrants, and meters), Force Mains (pipe diameter, TOP, and valves), Reclaimed Water (pipe diameter, TOP, and valves), Sanitary Sewer (pipe diameter, manhole inverts and direction, rim elevations, laterals, and clean-outs), Storm Sewers (pipe diameter, manhole inverts and direction, catch basins, and rim/grate elevations), and all other accessible structures.

This will include coordination with Sunshine and City of Pompano Beach.

- c. Identify platted rights-of-way (including bearing and distances for centerline), lot numbers, house address, ownership lines (per property tax information provided by City), block numbers and dedicated easements.

- d. Elevations shall be indicated every 50 feet, at a minimum, to indicate centerline grades, edge of pavement grades and shoulder grades, low points and all right-of-way lines. Intermediate grades shall be indicated at all grade breaks, driveways and sidewalks.
  - e. The survey shall include topography of the complete intersection, 50 feet beyond radius returns, at the intersection end of each street.
  - f. Provide and reference benchmarks at **maximum 600-foot intervals**. Elevations to be referenced to an existing established City or County Benchmark.
2. CONSULTANT shall “ground truth” the survey by walking the site and comparing the completed survey with existing conditions.
  3. The above topographical survey data will be prepared in AutoCAD (Version 2013) format at a scale of 1"=20'.

### **Subtask 2.2 Geotechnical**

CONSULTANT shall furnish the services of a professional geotechnical engineer to provide subsurface investigations (data shall be incorporated into the design documents) of the project area that will include:

- Perform up to two (2) standard penetration test (SPT) borings to an average depth of fifteen (15) feet and one (1) SPT to a depth of twenty-five (25) feet at the lift station.
- Evaluate field data collected and provide geotechnical engineering evaluation report (signed and sealed).

### **Subtask 2.3 Field Verification (soft digs)**

CONSULTANT shall furnish the services of a professional underground services company to provide underground field locations of affected existing utilities. The work shall consist of measuring and recording the approximate horizontal, vertical, width and depth data of affected utilities within the project limits. It is estimated that approximately seventeen (17) utility locations will need to be pot-holed. The cost of providing the professional underground services company will be treated as a utility allowance with an authorized upper limit (\$5,000).

## **Task 3 - Design Services**

The CONSULTANT will provide professional engineering services to the CITY for the installation of new Sanitary Sewer System within the project area. The work will include preparation of Drawings and Specifications to be used for bidding and construction.

### **Subtask 3.1 Utility Coordination**

Coordination with utility agencies (electric, phone, gas, cable TV, and fiber optics, etc.) shall be performed to collect record information. This Subtask includes reconciling apparent discrepancies between record information and existing photographic and field-verification information.

### **Subtask 3.2 Pipeline Corridor Analysis**

Field reconnaissance of the anticipated pipeline corridor shall be performed. Photograph long walk-through will be included. Potential existing conflicts will be identified.

### **Subtask 3.3 Design Drawings**

Preparation of construction documents shall include contract drawings and technical specifications. Contract drawings shall include: cover sheet, general notes, plan/profile drawings, and miscellaneous detail sheets. The drawing scale shall be 1-inch equals 20 feet for pipeline plan and 1-inch equals 2 feet for pipeline profile. CONSULTANT shall prepare the engineering design elements on topographic survey information in an AutoCAD release 2013 format and the layering system for design elements shall be CONSULTANT's standard. Drawings shall be submitted for CITY review at 50% (plan/profile) and 100% (plan/profile) stages. CONSULTANT shall meet with the CITY to discuss comments, and incorporate comments into final documents. CONSULTANT shall furnish with the 100% design drawings, one (1) set of AutoCAD Version 2013 files in electronic format on CD.

### **Subtask 3.4 Technical Specifications**

Specifications are to be prepared by CONSULTANT for bidding purposes for the reuse water main. The Front-End Contract Documents are to be prepared by the CITY. Specifications shall be submitted for CITY review at 50% and 100% stages. CONSULTANT shall meet with the CITY to discuss comments, and incorporate comments into final documents.

### **Subtask 3.5 Construction Cost Opinion**

An opinion of probable construction cost will be prepared for the 50% and 100% drawings and specifications. The cost estimate format will be consistent with the bid proposal tabulation sheet for the project. The cost opinion will be provided to the CITY during the 50% and 100% design reviews.

### **Subtask 3.6 Quality Assurance**

CONSULTANT shall provide internal QA/QC reviews on the 50% and 100% Design Documents (e.g. drawings, specifications, and cost estimates).

## **Task 4 - Permitting**

During the Design Phase the CONSULTANT shall meet with the potential permitting and other interested agencies to determine all potential design permitting requirements. Agencies anticipated to have interest in the project include:

- Broward County Planning and Environmental Regulation Division (Application to Construct a Wastewater Collection/Transmission System).

Permit applications shall be completed for each of the permitting agencies. Associated permit application fees shall be determined by CONSULTANT and paid by CITY. Services do not include preparing permit application for SFWMD construction dewatering permit (Contractor will be required to secure this permit if needed for construction).

In addition to preparing the permit applications for appropriate agencies, CONSULTANT shall assist CITY in consultations with the appropriate authorities. Consultation services shall include the following:

- Attend up to one (1) pre-application meeting with the staff of each regulatory agency.
- Attend up to one (1) meeting with each of the regulatory agencies during review of the final permit applications.
- Respond to request(s) for additional information from each regulatory agency.

**Subtask 4.1 Broward County P&ERD Permitting**

CONSULTANT shall prepare and submit Broward County "Application to Construct a Wastewater Collection/Transmission System Permit".

**Task 5 - Bid Phase Services****Subtask 5.1 Bid Coordination**

Prepare Contract Document packages (i.e. drawings and specification) for CITY advertisement and bidding purposes. Drawings to be full size (22" x 34") format. Consultant shall also provide the City with a copy of Contract Documents in pdf format.

**Subtask 5.2 Pre-Bid Conference**

CONSULTANT shall prepare agenda and conduct pre-bid conference with interested contractors and CITY staff. CONSULTANT shall prepare and distribute meeting minutes.

**Subtask 5.3 Bid Clarification**

Respond to questions from prospective bidders and suppliers. CONSULTANT shall issue addenda and shall provide supplemental information or clarification as appropriate, to interpret, clarify, or expand the bidding documents to all prospective bidders during the bid period.

**Subtask 5.4 Contract Award**

CONSULTANT shall attend the bid opening, review bid packages received, prepare bid tabulation sheet and recommend award.

**Subtask 5.5 Conformed Contract Documents**

CONSULTANT shall prepare conformed Contract Documents for use by the Contractor and CITY during construction.

**C. Assumptions**

In addition to, the work items discussed above, the following assumptions were made in establishing the scope of this Work Authorization and associated fee. Changes and/ or modifications in the above work items or these assumptions are considered an Additional Services Item under the terms of the contract. Assumptions include:

1. The scope and budget are based on the design, permitting and bidding of a gravity sewer system only. If additional underground utilities are added to the project, an Amendment to this Work Authorization will be executed for this work.
2. CITY will provide CONSULTANT available record drawings of existing facilities and proposed facilities within the project area prior to the NTP date.

3. CITY personnel will assist in field verification of affected existing CITY utilities. **This includes painting the locations of water mains & services, raw water mains, sanitary sewers and laterals, reuse pipes and force mains in the field for the surveyor in a timely manner.**
4. The CITY will provide CONSULTANT an electronic version of "front end" contract documents in MICROSOFT "WORD" version format.
5. Surveying and legal work necessary to prepare document for and to secure easements (temporary for construction and/or permanent) required for installation of the piping and improvements is the responsibility of the CITY.
6. The CITY is responsible for all permitting fees, including costs of public notification in local newspapers.
7. The CITY will provide CONSULTANT an electronic version of latest CITY standard details in AUTOCAD Version 2013 format.
8. A single bidding effort is assumed for the project. Re-bidding of the project is considered an Additional Services item.
9. 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.
10. Scope of work assumes reclaimed water meter box will be brought to each user's property line.

#### **D. Additional Services**

Consultant shall provide additional engineering services relating to the provision of surveying, geotechnical, utility locates, reuse water improvements to the project area that are not covered under this Work 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.

#### **E. Obligations of the CITY**

1. The CITY shall provide the CONSULTANT in a timely manner, record data and information related to the reuse system, sewer system, water distribution system, raw water system, stormwater system and streets within the project as necessary for the performance of services specified herein. This includes painting the locations of the water mains and services, raw water mains, sanitary sewers and laterals, force mains, reuse mains and stormwater facilities in the field for the surveyor within 5 calendar days of Notice-to-Proceed.
2. With assistance by CONSULTANT, as described herein, the CITY, as applicant shall obtain approvals and permits from all governmental authorities having jurisdiction over the project. The CITY is responsible for the payment of all permit application fees.

#### **F. Compensation**

Compensation by the CITY to the CONSULTANT for all tasks will be on a Not-to-Exceed (time utilized) basis in accordance with the terms and conditions of the Agreement for Professional Services between the City of

Pompano Beach and Mathews Consulting, Inc., dated November 29, 2010 and approved by City Resolution #2011-64. The estimated compensation for the services described in this Work Authorization is **\$49,994.00** as shown in **Table 1** below and further detailed in **Attachment A**.

**TABLE 1: LABOR AND EXPENSE SUMMARY.**

<u>Engineering Services</u>	<u>Estimated Fees</u>
Task 1 – Project Management	\$ 2,956.00
Task 2 – Data Collection	\$ 16,841.00
Task 3 – Design Services	\$ 25,299.00
Task 4 – Permitting	\$ 1,156.00
Task 5 – Bidding	\$ 2,742.00
Reimbursables (NTE)	\$ 1,000.00
<b>TOTAL PROJECT COST</b>	<b>\$ 49,994.00</b>

## G. Schedule

The completion dates for this work will be as follows (starting at time that CONSULTANT receives the hardcopy of the executed Contract). Refer to **Attachment B**.

<b>Engineering Services</b>	<b>Time per Phase</b>	<b>Cumulative Time</b>
Task 1 – Project Management	On-going	On-going
Task 2 – Data Collection	10 weeks	10 weeks
Task 3 – Design	10 weeks	12 weeks
Task 4 – Permitting	4 weeks <sup>(1)</sup>	16 weeks
Task 5 – Bidding	8 weeks	24 weeks

<sup>(1)</sup> Estimated, based upon usual regulatory agency review period.

## H. Deliverables

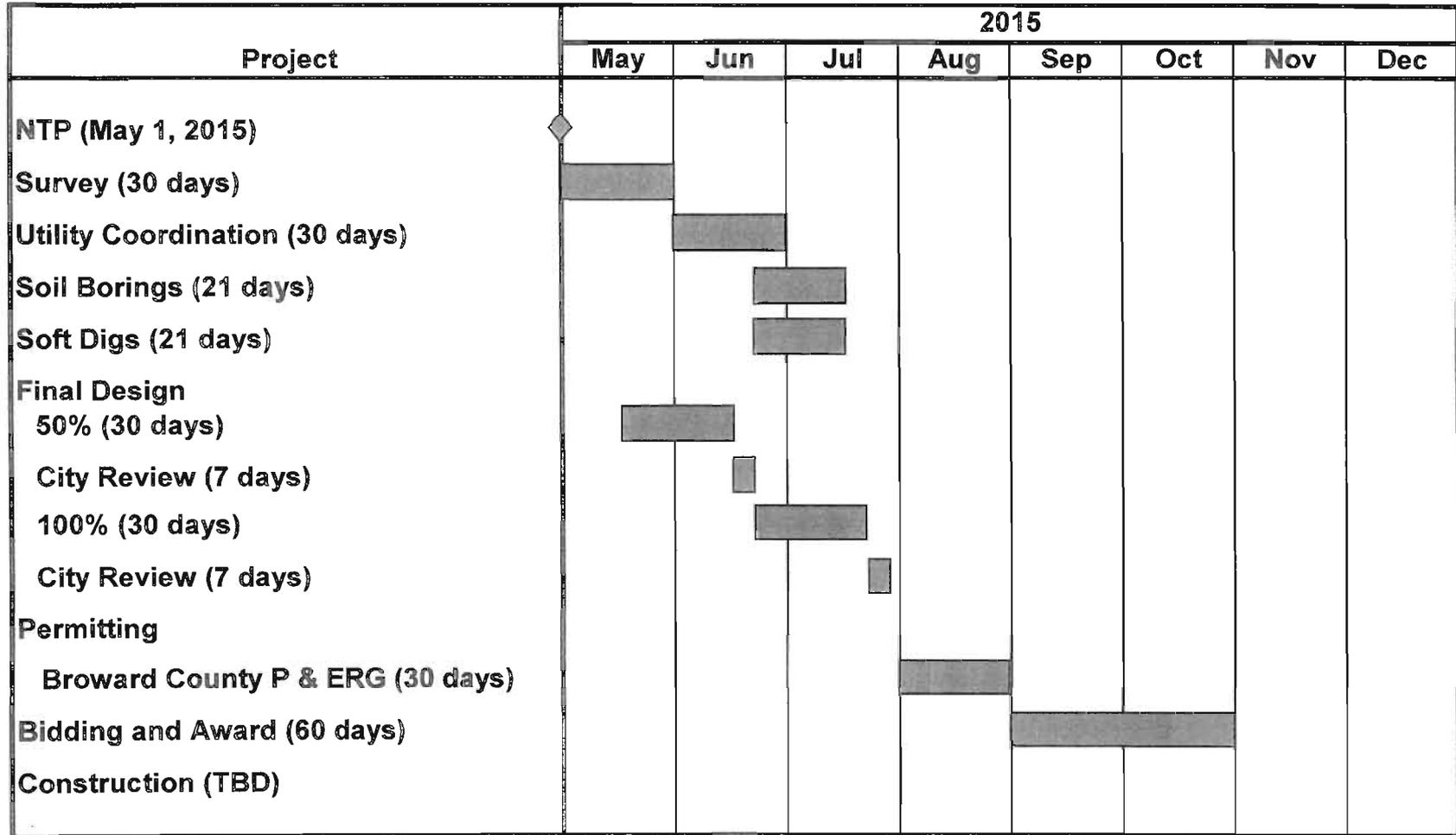
<b>TASKS</b>	<b>DELIVERABLES</b>	<b>QUANTITY</b>
3 Design	50% Drawings & Specs 100% Drawings & Specs Cost Estimate @ 50% and 100%	3 – Sets (22" x 34") 3 – Sets (22" x 34") 3 – Sets
4 Permitting	Permit Application Package(s)	4 – Sets Each Permit
5 Bidding	Bid Sets	10 – Sets (22" x 34")
5 Conformed Documents	City Sets Contractor Construction Sets	3 – Sets (22" x 34") 5 – Sets (22" x 34")

**Attachment A**  
**City of Pompano Beach**  
**Area D Sanitary Sewer System**

**Engineering Fee Proposal**

Task No.	Task Description	Labor Classification and Hourly Rates							Total Labor	Sub-Consultant Services
		Principal Engineer \$152.34	Senior Project Engineer \$139.73	Engineer I \$114.52	Senior Eng. Tech. \$102.96	Senior Inspector \$105.06	Clerical \$62.53			
<b>1</b>	<b>Project Management</b>									
1.1	Design Workshop Meetings	9	7				3	\$2,537		
1.2	Coordination with Property Owners		3					\$419		
	<b>Subtotal Task 1</b>	<b>9</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>\$2,956</b>	<b>\$0</b>	
<b>2</b>	<b>Data Collection</b>									
2.1	Topographical Survey	1		3	4			\$908	\$7,000	
2.2	Geotechnical	1						\$152	\$1,800	
2.3	Field Verification (soft-digs)	1	1		3			\$601	\$5,000	
	<b>Subtotal Task 2</b>	<b>3</b>	<b>1</b>	<b>3</b>	<b>7</b>	<b>0</b>	<b>0</b>	<b>\$1,661</b>	<b>\$13,800</b>	
<b>3</b>	<b>Design Services</b>									
3.1	Utility Coordination	1		2	6			\$999		
3.2	Pipeline Corridor Analysis		2	6				\$967		
3.3a	50% Design Drawings	2	8	15	25			\$5,714	\$3,000	
3.3c	100% Design Drawings	2	5	15	20			\$4,780	\$3,000	
3.4	Technical Specifications (50%, 75% & 100%)	15					15	\$3,223		
3.5	Construction Cost Opinion (50%, 75% & 100%)	3		15				\$2,175		
3.6	Quality Assurance					8		\$840		
	<b>Subtotal Task 3</b>	<b>23</b>	<b>15</b>	<b>53</b>	<b>51</b>	<b>8</b>	<b>15</b>	<b>\$18,699</b>	<b>\$6,000</b>	
<b>4</b>	<b>Permitting</b>									
4.1	Broward County P&ERD	1	6		1		1	\$1,156		
	<b>Subtotal Task 4</b>	<b>1</b>	<b>6</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>\$1,156</b>	<b>\$0</b>	
<b>5</b>	<b>Bidding</b>									
5.1	Prepare Bid Documents	1			2		2	\$483		
5.2	Pre-Bid Conference	3					1	\$520		
5.3	Bid Clarification	1	1		1		1	\$458		
5.4	Contract Award	1				3	1	\$530		
5.5	Conformed Contract Documents	1			4		3	\$752		
	<b>Subtotal Task 5</b>	<b>7</b>	<b>1</b>	<b>0</b>	<b>7</b>	<b>3</b>	<b>8</b>	<b>\$2,742</b>	<b>\$0</b>	
	Labor Subtotal Hours	43	33	56	66	11	27			
	Labor Subtotal Costs	\$6,551	\$4,611	\$6,413	\$6,795	\$1,156	\$1,688	\$27,214	\$19,800	
	<b>Labor Total Costs</b>	<b>\$27,214</b>								
	Subconsultant Costs Total	\$19,800								
	Subconsultant Multiplier	1.1								
	<b>Subconsultant Total</b>	<b>\$21,780</b>								
	Reimbursable Expenses	\$1,000								
	<b>Project Total</b>	<b>\$49,994</b>								

# Area D Sanitary Sewer System - Project Schedule



Witnesses:

[Handwritten Signature]

[Handwritten Signature]

**CONSULTANT:**

**MATHEWS CONSULTING, INC.**

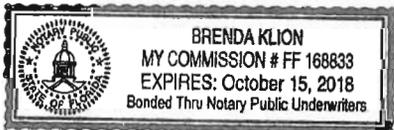
By:

[Handwritten Signature]  
Rene L. Mathews, P.E., President  
477 S. Rosemary Avenue, Suite 330  
West Palm Beach, FL 33401

STATE OF FLORIDA  
COUNTY OF PALM BEACH

The foregoing instruments were acknowledged before me this 13<sup>th</sup> day of April, 2015, by **RENE MATHEWS** as President of Mathews Consulting, Inc., a Florida corporation, on behalf of the corporation, who is personally known to me.

Notary's Seal:



[Handwritten Signature]  
Notary Public, State of Florida

Brenda Klion  
(Name of Acknowledger Typed, Printed or Stamped)

FF 168833  
Commission Number

“City”:

**CITY OF POMPANO BEACH**

Witnesses:

\_\_\_\_\_

By: \_\_\_\_\_  
Lamar Fisher, Mayor

\_\_\_\_\_

By: \_\_\_\_\_  
Dennis W. Beach, City Manager

Attest:

\_\_\_\_\_  
Asceleta Hammond  
City Clerk

(Seal)

Approved as to Form:

\_\_\_\_\_  
Gordon B. Linn  
City Attorney

STATE OF FLORIDA  
COUNTY OF BROWARD

The foregoing instruments were acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 2015, by **LAMAR FISHER** as Mayor, **DENNIS W. BEACH** as City Manager, and **ASCELETA HAMMOND** as City Clerk of the City of Pompano Beach, Florida, a municipal corporation, on behalf of the municipal corporation, who are personally known to me.

Notary's Seal:

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

\_\_\_\_\_  
(Name of Acknowledger Typed, Printed or Stamped)

\_\_\_\_\_  
Commission Number