

REQUESTED COMMISSION ACTION:

Consent     Ordinance     Resolution     Consideration     Workshop     Initiative

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. 2 IN THE AMOUNT OF \$25,180.00 PERSUANT TO THE CONTRACT FOR CONSULTING/ PROFESSIONAL SERVICES BETWEEN THE CITY OF POMPANO BEACH AND TETRA TECH, INC FOR CONTINUING ENGINEERING SERVICES; PROVIDING AN EFFECTIVE DATE: (\$25,180.00).

Summary of Purpose and Why:

The well house for well number 10 is in the approach to runway 10-28. When the runway is extended 500 feet to the west the well house will penetrate the height clearance. This study will evaluate alternatives such as lowering the well house or moving the well house so that when the runway is extended it will not be in the way. The runway is scheduled to be extended in 2020.



Accomplishing this item supports achieving initiative "1.4. Ensure safe drinking water standards" 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 / Alessandra Delfico    Ext 7044 / 4144
- (3) Expiration of contract, if applicable: N/A
- (4) Fiscal impact and source of funding: \$25,180 from CIP 07-932 Account 420-7310-533.65-03 Budget adjustment attached

| DEPARTMENTAL COORDINATION | DATE            | DEPARTMENTAL RECOMMENDATION | DEPARTMENTAL HEAD SIGNATURE |
|---------------------------|-----------------|-----------------------------|-----------------------------|
| <u>Utilities</u>          | <u>02-24-16</u> | <u>APPROVE</u>              | <u>[Signature]</u>          |
| <u>Purchasing</u>         | <u>3/2/16</u>   | <u>APPROVE</u>              | <u>[Signature]</u>          |
| <u>City Attorney</u>      |                 | <u>APPROVE</u>              | <u>[Signature]</u>          |
| <u>Finance</u>            | <u>2/26/16</u>  | <u>APPROVE</u>              | <u>[Signature]</u>          |
| <u>Budget</u>             | <u>2/29/16</u>  | <u>APPROVE</u>              | <u>[Signature]</u>          |

Advisory Board  
 Development Services Director  
 City Manager [Signature]      [Signature]

ACTION TAKEN BY COMMISSION:

| <u>Ordinance</u>  | <u>Resolution</u> | <u>Consideration</u> | <u>Workshop</u> |
|-------------------|-------------------|----------------------|-----------------|
| 1st Reading _____ | 1st Reading _____ | Results: _____       | Results: _____  |
| 2nd Reading _____ | _____             | _____                | _____           |



**City Attorney's Communication #2016-498**

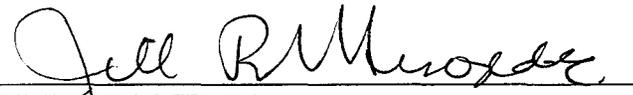
February 10, 2016

**TO:** Alessandra Delfico, P.E., Engineer  
**FROM:** Jill R. Mesojedec, FRP, Paralegal  
**VIA:** Mark E. Berman, City Attorney   
**RE:** Resolution – Work Authorization No. 2 / Tetra Tech, Inc.

As requested in your memorandum dated February 4, 2016, Utilities Memorandum No. 16-44, I have prepared and attached the following form of Resolution:

**A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF POMPAÑO BEACH, FLORIDA, APPROVING AND AUTHORIZING THE PROPER CITY OFFICIALS TO EXECUTE WORK AUTHORIZATION NO. 2 IN THE AMOUNT OF \$25,180.00 PURSUANT TO THE CONTRACT FOR CONSULTING/PROFESSIONAL SERVICES BETWEEN THE CITY OF POMPAÑO BEACH AND TETRA TECH, INC. FOR CONTINUING ENGINEERING SERVICES; PROVIDING AN EFFECTIVE DATE.**

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

  
\_\_\_\_\_  
JILL R. MESOJEDEC

/jrm  
l:cor/util/2016-498

Attachment

RESOLUTION NO. 2016-\_\_\_\_\_

**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. 2 IN THE AMOUNT OF \$25,180.00 PURSUANT TO THE CONTRACT FOR CONSULTING/PROFESSIONAL SERVICES BETWEEN THE CITY OF POMPANO BEACH AND TETRA TECH, INC. FOR CONTINUING ENGINEERING SERVICES; 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 Tetra Tech, Inc. for Well No. 10 Relocation Study, 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 Tetra Tech, Inc.

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

**PASSED AND ADOPTED** this \_\_\_\_\_ day of \_\_\_\_\_, 2016.

\_\_\_\_\_  
**LAMAR FISHER, MAYOR**

**ATTEST:**

\_\_\_\_\_  
**ASCELETA HAMMOND, CITY CLERK**

/jrm  
2/10/16  
l:reso/2016-133



**CITY OF POMPANO BEACH  
CONTINUING CONTRACT FOR ENGINEERING SERVICES FOR  
WATER AND REUSE TREATMENT PLANT PROJECTS**

**Work Authorization No. 2  
Well No. 10 Relocation Study**

**I. PROJECT DESCRIPTION**

That the services rendered pursuant to this Work Authorization No. 1 are in accordance with the terms and conditions of the Agreement for Consulting/ Professional Services between the City of Pompano Beach and Tetra Tech Inc., dated January 19, 2016 and approved by City Ordinance No. 2016-26.

Tetra Tech, Inc. (Tetra Tech) is pleased to present this proposal for engineering services to prepare a study for the relocation of portions of Well No. 10, which is located on the Pompano Beach Airpark, at the end of a runway which will be extended. This proposal includes our understanding of the scope of work and level of effort necessary to complete this project.

Based on our recent site visit, our understanding of the project is to perform a study of two alternatives for relocation of components of Well No. 10 to accommodate the future runway project at the Pompano Beach Airpark. The objective of the two alternatives identified for Well No. 10 is not to create a confined space requirement. The results of this study will include opinions of estimated cost, which will be utilized by the City to determine the scope for upgrading or modifying the existing structures in a future project.

**II. SCOPE OF WORK**

**Task 1 – Well No. 10 Relocation Study**

Tetra Tech will complete a study to evaluate up to two (2) alternatives to relocate portions of Well No. 10 due to the expansion of a runway at Pompano Beach Airpark.

Task 1.1 – Data Collection, Review, and Documentation

Tetra Tech will collect and review data collected on the existing well house and equipment, including electronic drawings. These drawings will be utilized to create figures within the memorandum. Drawings will not be created in AutoCadd. Information on the runway expansion and applicable regulations will also be collected and reviewed.

Task 1.2 – Identify and Detail Two Relocation Alternatives

Tetra Tech will identify two alternatives for relocation of portions of Well No. 10, understanding that the City desires to keep the well in its current location and that the objective is that the relocated portions of Well No. 10 will not be confined spaces, as defined by OSHA laws and confined space regulations.

Two alternatives will be identified and further developed. Preliminary concepts which may be considered include converting the well to a submersible pump/motor installation, with relocated above-ground components, and converting the above-ground well housing into a below-ground vault.

Proposed work required for the relocation of the well will be identified, which could include reuse of existing equipment or new equipment, based on visual evaluations and input from City staff. Mechanical, electrical and structural improvements will be considered.

Task 1.3 – Prepare Planning Level Estimated Construction Costs

A Class 4 planning level opinion of probable construction cost estimate as defined by AACE will be prepared. Estimated costs will include engineering and other costs as well as contingencies.

Task 1.4 – Draft Technical Memorandum

Tetra Tech will prepare a draft technical memorandum summarizing data obtained, the two relocation alternatives, and their estimated construction costs. Figures, if required, will be created using electronic data collected. The draft Technical Memorandum will be utilized to select which alternative will be used to continue with relocation of Well No. 10.

Task 1.5 – Final Technical Memorandum

Tetra Tech will prepare a final technical memorandum incorporating review comments received from the City and identify which alternative will be incorporated into the City's capital improvement plan.

### **III. ASSUMPTIONS and EXCLUSIONS**

We have determined the following assumptions and exclusions as being critical to our proposed scope and compensation:

- The City will provide Tetra Tech copies of all available existing construction plans and specifications.
- If the City is seeking any grant funds for this project or future follow on work, Tetra Tech should be provided with the respective document to ensure the recommendations meet any additional requirements not found in the building code.
- The Well House No. 10 Study will not include surveying, geotechnical services, final design, permitting, or construction administrative services.

### **IV. COMPENSATION**

The total Lump Sum compensation for the Scope of Services described in Section II is \$25,180 and will be invoiced monthly on a percentage complete by subtask. The compensation for the Scope of Services by subtask is summarized in the attached Price Proposal Table.

### **V. DELIVERABLES AND SCHEDULES**

Tetra Tech's deliverable will be the following in .pdf format and delivered via email:

- Draft Well No. 10 Relocation Study Technical Memorandum – 1 month
- Final Well No. 10 Relocation Study Technical Memorandum- 2 weeks from comments

**"CITY":**

Witnesses:

**CITY OF POMPANO BEACH**

\_\_\_\_\_

By: \_\_\_\_\_  
LAMAR FISHER, MAYOR

\_\_\_\_\_

By: \_\_\_\_\_  
DENNIS W. BEACH, CITY MANAGER

Attest:

\_\_\_\_\_  
ASCELETA HAMMOND, CITY CLERK

(SEAL)

Approved As To Form:

\_\_\_\_\_  
MARK E. BERMAN, CITY ATTORNEY

STATE OF FLORIDA  
COUNTY OF BROWARD

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 2016 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)

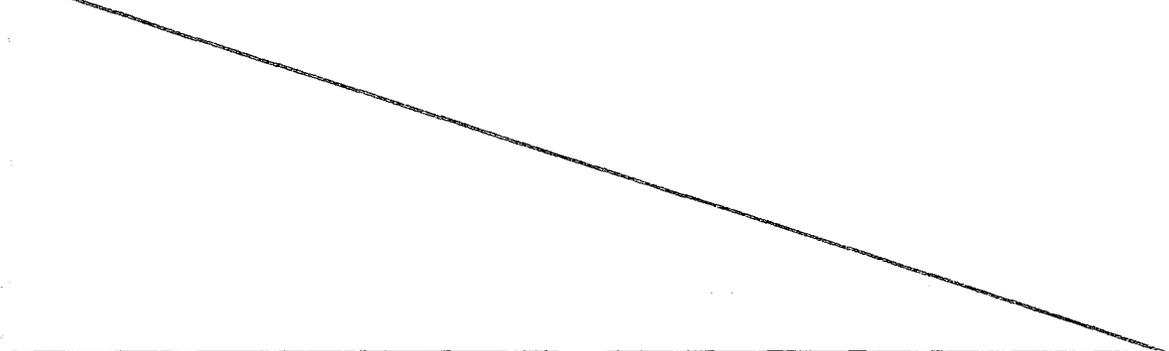
\_\_\_\_\_  
Commission Number



**CALIFORNIA JURAT WITH AFFIANT STATEMENT**

**GOVERNMENT CODE § 8202**

- See Attached Document (Notary to cross out lines 1-6 below)
- See Statement Below (Lines 1-6 to be completed only by document signer[s], *not* Notary)



\_\_\_\_\_  
*Signature of Document Signer No. 1*

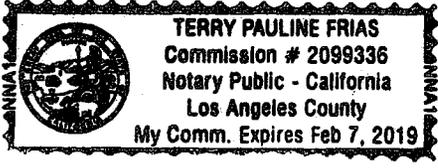
\_\_\_\_\_  
*Signature of Document Signer No. 2 (if any)*

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California  
 County of LOS ANGELES

Subscribed and sworn to (or affirmed) before me  
 on this 2ND day of FEBRUARY, 2016,  
 by            Date                            Month                            Year  
 (1) LESLIE L. SHOENAKER

(and (2) \_\_\_\_\_),  
*Name(s) of Signer(s)*



proved to me on the basis of satisfactory evidence  
 to be the person(s) who appeared before me.

Signature *[Handwritten Signature]*  
*Signature of Notary Public*

*Seal*  
 Place Notary Seal Above

**OPTIONAL**

*Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.*

**Description of Attached Document**

Title or Type of Document: \_\_\_\_\_ Document Date: \_\_\_\_\_

Number of Pages: \_\_\_\_\_ Signer(s) Other Than Named Above: \_\_\_\_\_

| TE Price Proposal   |  | Labor Plan      |                     |                |                    |                 |                    |                    |                     | Price Summary / Totals      |                 |               |          |                     |
|---|--|-----------------|---------------------|----------------|--------------------|-----------------|--------------------|--------------------|---------------------|-----------------------------|-----------------|---------------|----------|---------------------|
|   |  | 8 Resource      |                     |                |                    |                 |                    |                    |                     | Task Pricing Totals         |                 | 25,180        |          |                     |
| Bill Rate >   |  | 210.00          | 215.00              | 135.00         | 165.00             | 165.00          | 135.00             | 70.00              | 225.00              | Specify Add'l Fees on Setup |                 | 0             |          |                     |
| Proj Area >   |  |                 |                     |                |                    |                 |                    |                    |                     | Technology Use Fee          |                 |               |          |                     |
|   |  |                 |                     |                |                    |                 |                    |                    |                     | Total Price                 |                 | 25,180        |          |                     |
| Contract Type: Lump Sum                                   |  |                 |                     |                |                    |                 |                    |                    |                     | Pricing by Resource         |                 |               |          |                     |
| Project Phases / Tasks                                    |  | Total Labor Hrs | Sr. Project Manager | Sr. Engineer 1 | Project Engineer 1 | Sr. Architect 2 | Project Engineer 2 | Project Engineer 1 | Project Assistant 2 | QA/QC                       | Labor Rate Esc. | Labor         | ODCs     | Task Pricing Totals |
|   |  | 176             | 12                  | -              | 10                 | 8               | 8                  | 110                | 16                  | 12                          | 0.00%           | 25,180        | -        | 25,180              |
| <b>1 - Well No. 10 Relocation Study</b>                   |  | <b>176</b>      | <b>12</b>           | <b>-</b>       | <b>10</b>          | <b>8</b>        | <b>8</b>           | <b>110</b>         | <b>16</b>           | <b>12</b>                   |                 | <b>25,180</b> | <b>-</b> | <b>25,180</b>       |
| 1.1 - Data Collection, Review, and Documentation          |  | 4               |                     |                | 2                  |                 |                    | 2                  |                     |                             |                 | 540           |          | 540                 |
| 1.2 - Identify and Detail Two Relocation Alternatives     |  | 58              | 2                   |                | 2                  | 2               | 2                  | 48                 |                     |                             |                 | 8,280         |          | 8,280               |
| 1.3 - Prepare Planning Level Estimated Construction Costs |  | 44              | 2                   |                | 2                  | 2               | 2                  | 32                 | 2                   | 2                           |                 | 6,260         |          | 6,260               |
| 1.4 - Draft Technical Memorandum                          |  | 38              | 4                   |                | 2                  | 2               | 2                  | 16                 | 8                   | 4                           |                 | 5,390         |          | 5,390               |
| 1.5 - Final Technical Memorandum                          |  | 32              | 4                   |                | 2                  | 2               | 2                  | 12                 | 6                   | 4                           |                 | 4,710         |          | 4,710               |
| <b>Totals</b>   |  | <b>176</b>      | <b>12</b>           | <b>-</b>       | <b>10</b>          | <b>8</b>        | <b>8</b>           | <b>110</b>         | <b>16</b>           | <b>12</b>                   | <b>0.00%</b>    | <b>25,180</b> | <b>-</b> | <b>25,180</b>       |

CERTIFICATE  
TETRA TECH, INC.

To: City of Pompano Beach

I hereby certify to you that I am the duly elected and qualified Senior Vice President, General Counsel and Secretary of Tetra Tech, Inc., a Delaware corporation (the "Company"), and that, as such, I am authorized to execute this Certificate on behalf of the Company. I further certify to you on behalf of the Company that:

Leslie L. Shoemaker, Executive Vice President of the Company, is authorized and empowered, in the name of the Company, in accordance with the Company's Signature Approval Authority Matrix, as approved by the Company's Board of Directors, for and on behalf of the Company, to sign work authorization proposals related to the Agreement for Consulting/Professional Services between the City of Pompano Beach and the Company, dated January 19, 2016, as approved by City Ordinance No. 2016-26.

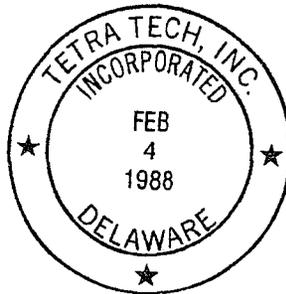
Further, Ms. Shoemaker knows the seal of the Company and shall affix such seal to any and all work authorization proposals.

IN WITNESS WHEREOF, I have hereunto set my hand as of this 2<sup>nd</sup> day of February, 2016.

*Janis B. Salin*

Janis B. Salin  
Senior Vice President, General Counsel and  
Secretary

(Seal)



The attached certificate **copy** is meant to supplement the California notary language which does not mirror the Florida notary language on page five.

This is sort of a “blanket” certificate – not specific to any one work authorization.

