

**CITY OF MARIANNA
COMMISSION AGENDA MEMO
REGULAR MEETING
February 6, 2018**

ADMINISTRATIVE STAFF REPORT

- Subject:** Old Cottdale Road East
Water Line Replacement Project
Engineering Task Order
- Subject Background:** The City of Marianna will again apply for Small County Outreach Program (SCOP) funding in March 2018. In conjunction with the project the City needs to replace the asbestos waterlines in the city's right of way.
- The City has a continuing contract with Alday-Howell Engineering and they have provided a Task Order to perform the design work associated with this project for the Water Lines Only.
- Recommendation:** The City has budgeted \$100,000 for water system improvements for this fiscal year. It is recommended the City engage the services of Alday-Howell to perform design work associated with this project.
- Potential Motion:** I move to approve the Task Order presented by Alday-Howell for design work associated with the water line project for Old Cottdale Road.

AHE/City of Marianna Task Order
Old Cottondale Road Water Main Replacement

This is Task Order No. _____, consisting of _____ pages.
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Task Order for Old Cottondale Road Water Main Replacement

In accordance with paragraph 1.01 of the Standard Form of Agreement Between Owner and Engineer for Professional Services – Task Order Edition, dated 10/10/2016 ("Agreement"), Owner and Engineer agree as follows:

1. Specific Project Data

A. Title: Old Cottondale Road Water Main Replacement

Description: Replace approximately 3,360 LF of water main on Old Cottondale Road from Penn Avenue to Orange Street. The project will include new water services, meter boxes, and additional fire hydrants. The project will include permitting the new water main.

2. Services of Engineer

Prepare construction plans, prepare bid documents, receive and award the bid for construction of the project, and provide resident project representative services.

3. Owner's Responsibilities

Owner shall have those responsibilities set forth in Article 2 and in Exhibit B, subject to the following: *[Here state any additions or modifications to Exhibit B, for this Specific Project.]*

4. Times for Rendering Services

To be determined.

AHE/City of Marianna Task Order
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5. **Payments to Engineer**

A. Owner shall pay Engineer for services rendered as follows:

<i>Category of Services</i>	<i>Compensation Method</i>	<i>Lump Sum, or Estimate of Compensation for Services</i>
<i>Basic Services (Study and Report, Preliminary Design, Final Design, Bidding or Negotiating, Construction Phase)</i>	<i>Choose One:</i>	
	<u>A. Lump Sum</u>	<u>\$32,000.00</u>
	B. Standard Hourly Rates	
	C. Direct Labor Costs Times a Factor (Factor: _____)	
	D. [Insert any other compensation method]	
<i>Resident Project Representative and Post- Construction Phase Services</i>	<i>Choose One:</i>	
	<u>A. Lump Sum</u>	<u>\$20,000.00</u>
	B. Standard Hourly Rates	
	C. Direct Labor Costs Times a Factor (Factor: _____)	
	D. [Insert any other compensation method]	
<i>Additional Services</i>	<i>Choose One:</i>	
	<u>A. Lump Sum - Surveying</u>	<u>\$1,750.00</u>
	B. Standard Hourly Rates	
	C. Direct Labor Costs Times a Factor (Factor: _____)	
	D. [Insert any other compensation method]	

B. The terms of payment are set forth in Article 4 of the Agreement and in Exhibit C.

6. **Consultants:** Southeastern Surveying & Mapping, Inc.

7. **Other Modifications to Agreement:**

8. **Attachments:** Engineer's Opinion of Probable Construction Costs

9. **Documents Incorporated By Reference:**

AHE/City of Marianna Task Order
Old Cottondale Road Water Main Replacement

Terms and Conditions: Execution of this Task Order by Owner and Engineer shall make it subject to the terms and conditions of the Agreement (as modified above), which Agreement is incorporated by this reference. Engineer is authorized to begin performance upon its receipt of a copy of this Task Order signed by Owner.

The Effective Date of this Task Order is _____, _____.

OWNER:

ENGINEER:

By: _____

By:  _____

Name: James R. Dean

Name: Joseph A. Alday

Title: City Manager

Title: President

Engineer License or Firm's
Certificate No. 26105
State of: Florida

DESIGNATED REPRESENTATIVE FOR
TASK ORDER:

DESIGNATED REPRESENTATIVE FOR TASK
ORDER:

Name: _____

Name: Joseph A. Alday

Title: _____

Title: President

Address: _____

Address: 3017 Highway 71

E-Mail
Address: _____

E-Mail
Address: joseph@aldayhowell.com

Phone: _____

Phone: 850-526-2040

Fax: _____

Fax: 850-526-4740

Old Cottondale Rd WATER MAIN REPLACEMENT (CONSTRUCTED UNDER ROADWAY)

Engineer's Opinion of Probable Cost

1/15/2018

Item	Quantity	Unit	Unit Price	Prices
8" PVC WATER MAIN IN ROADWAY	3360	LF	\$65	\$218,400
VALVES AND FITTINGS	20	%	\$43,680	\$43,680
3/4" WATER SERVICE CONNECTION	24	EA	\$1,800	\$43,200
8x6 FIRE HYDRANT ASSEMBLY	6	EA	\$5,000	\$30,000
Removal of Existing Fire Hydrants	2	EA	\$650	\$1,300
STAKEOUT, MOT, RESTORATION, TESTING, As-Builts	1	EA	\$15,000	\$15,000
			Subtotal	\$351,580
BONDS & INSURANCE	1.50%	LS	1.5%	\$5,274
MOBILIZATION	5%	LS	5%	\$17,579



ALDAY-HOWELL ENGINEERING, INC.
Marianna, Florida (850) 526-2040

Total = \$374,433

10% Contingency= \$37,443

Total of Construction= \$411,876

Engineering Design (7.8%)= \$32,126

CEI Services (4.9%)= \$20,182

Permitting = \$0

Grand Total= \$464,184



FEES ALLOWED FOR ENGINEERING SERVICES

EJCDC E-510, 2002 Funding Agency Edition – EXHIBIT C, ATTACHMENT 1

- A. Exhibit C, Paragraph C.2.01.A.2, Services performed or furnished under paragraphs A.1.02 through A.1.06
- Compensation will be as shown below in Engineering Fee Tables I & II:

Net Construction Cost (\$)	Engineering Fee Table I (%)	Engineering Fee Table II (%)	RPR Fee Table I-A (%)	RPR Fee Table II-A (%)
100,000	12.0	9.7	6.9	6.5
200,000	10.6	8.7	6.3	5.9
300,000	9.8	8.3	5.8	5.3
\$411,876	9.3	7.8	5.5	4.9
500,000	9.0	7.7	5.3	4.7
600,000	8.7	7.4	5.1	4.6
800,000	8.2	7.1	4.6	4.1
1,000,000	7.9	6.9	4.1	3.8
2,000,000	7.4	6.5	3.5	2.9
3,000,000	7.1	6.2	3.1	2.4
4,000,000	6.8	5.6	3.0	2.2
5,000,000	6.4	5.4	2.8	2.0
7,500,000	6.2	5.3	2.7	1.95
10,000,000	6.1	5.2	2.5	1.80
15,000,000	5.5	4.8	2.3	1.60
20,000,000	5.3	4.7	2.2	1.45

The engineer will be compensated for engineering services based on a percentage of the total actual construction costs for projects of unusually complex items such as water treatment plants, gravity sewer lines, and wastewater treatment plants, rehabilitation of existing treatment facilities as shown in Table I, and for all other projects as shown in Table II which includes water lines, non-gravity sewer lines, minor treatment facilities, wells, elevated tanks, storage tanks, "package pump stations". The fee for project costs falling between the figures shown in above tables shall be interpolated to nearest one-hundredth percent. A weighted average will be used for projects with both Table I and Table II elements.

- B. Exhibit C, Paragraph C.2.04.A.1 (Services of Engineer's Resident Project Representative (RPR) under paragraph A.1.05) – Funds can be authorized to compensate an engineer for providing a full-time resident inspector as shown in Tables I-A and II-A and in accordance with the complexity as described above.

OWNER'S SIGNATURE _____

ENGINEER'S SIGNATURE _____

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