

## **Contract Amendment No. 1**

### **Engineering Services for Parkway Boulevard Reconstruction**

#### **PROJECT DESCRIPTION**

The original scope of the project contemplated reconstruction of existing paving and sidewalks at the same typical sections (widths) and in substantially the same horizontal and vertical locations.

The revised scope of the project includes:

1. Variable typical paving sections with differing lane, parkway and median widths (shown as Section A-A thru E-E on geometric layout dated August 2017)
2. Revised horizontal layout and alignment from Hertz to Lodge
3. Addition of full reconstruction from of both west-bound lanes from Hertz to Alex
4. Reduced street width on north side from Lodge to Moore to allow for side path construction
5. Wider sidewalks within project limits (Hertz to Moore).
6. Addition of Pedestrian/Bike Side Path (north side)
7. Addition of Median Lighting (Denton Tap Road to Lodge Road)
8. Addition of Median Landscaping (Denton Tap to Lodge Road)
9. Acquisition of pedestrian/sidewalk easements on the south side of Parkway Boulevard from Lodge to Moore (if required)

#### **BASIC SERVICES TO BE PERFORMED**

J. Volk Consulting (JVC) proposes the following professional services:

##### **1. Basic Services Fee Adjustment**

The original design fee of \$235,000 shall be increased by 10% to account for inflation/labor cost increases between 2015 and 2018.

##### **2. Additional Preliminary Planning**

- a. Prepare and provide "Typical Sections" throughout reconstruction limits for meetings and presentations with city staff and citizens.
- b. Prepare and provide preliminary Exhibits and Layouts for meetings and presentations with city staff and citizens.
- c. Attend public meetings for presentation of revised project scope and representation of project to citizens.

##### **3. Design Change – Hertz to Lodge**

- a. Revise limits of reconstruction to add full paving reconstruction of Parkway Boulevard for eastbound lanes from Hertz Road to Alex Drive.
- b. Revise street layout/sections per traffic analysis and installation of improved pedestrian/bike facilities.
- c. Addition of side path and wider sidewalks

#### **4. Design Change – Lodge to Moore**

- a. Partial street reconstruction for north most westbound lane of Parkway Boulevard between Lodge Road and N. Moore Road.
- b. Addition of 6' wide sidewalk on south side of Parkway Boulevard.
- c. Addition of 8' wide side-path on north side of Parkway Boulevard.
- d. Provide appropriate street crossings for pedestrian and bicycle traffic.

#### **5. Median Lighting**

Prepare and provide construction plans and construction specifications for street lighting improvements within the medians of Parkway Boulevard between N. Denton Tap Road and Lodge Road including:

- a. Concept design confirmation meeting with City
- b. Photometric analysis and light level calculation
- c. Determination of pole spacing
- d. Design of luminaires, poles, and electric service requirements
- e. Preparation of construction plans, details, specifications and Opinion of Probable Cost

#### **6. Median Landscaping**

Prepare and provide design of landscaping and irrigation on Parkway Boulevard between to include:

- a. Schematic design (30%) including Opinion of Probable Cost
- b. Construction documents, specifications and bid quantities
- c. Medians from Denton Tap to Lodge
- d. North Parkway from Alex to Lodge
- e. Design shall be based on plans for Freeport Parkway
- f. Hardscape is limited to concrete mowstrips, decomposed granite and boulders

#### **7. Subsurface Utility Engineering and Analysis**

- a. Provide Level B Subsurface Utility Engineering Analysis within Parkway Boulevard Right-of-Way between Hertz Road and N. Moore Road.
  - i. Use Geophysical Electromagnetic equipment to interpret the presence of the existing metallic subsurface utilities within the proposed project area.
  - ii. Mark ground surface with the appropriate horizontal location of the existing utilities in accordance with APWA/ULCC Uniform Marking Standards.
  - iii. Conduct survey of markings and incorporate into construction plans for reconstruction design, analysis of conflicts, and coordination with franchise companies.

#### **8. Geotech Report – Additional borings**

Additional borings based on expanded construction limits.

**ALT 1. Separate Instrument Easements (if required)**

Prepare and provide legal descriptions and exhibits for proposed pedestrian easements for the construction of pedestrian improvements outside of City Right-of-Way. This task includes additional field survey and boundary analysis to formally establish r.o.w. location.

**COMPENSATION**

**Professional Fees for Services shall be as follows:**

TASK	DESCRIPTION	FEE
	<b>ORIGINAL CONTRACT AMOUNT</b>	<b>\$293,000.00</b>
	<b><u>Additional Services to be Performed:</u></b>	
1	Basic Services Engineering Design Fee Adjustment	\$23,500.00
2	Additional Preliminary Planning	\$8,500.00
3	Design Change - Hertz to Lodge	\$21,500.00
4	Design Change - Lodge to Moore	\$16,500.00
5	Median Lighting Design	\$28,500.00
6	Median Landscaping Design	\$25,000.00
7	Subsurface Utility Engineering and Analysis	\$14,400.00
8	Geotech Report - Additional Borings	\$3,500.00
	<b>SUBTOTAL - ADDITIONAL SERVICES</b>	<b>\$141,400.00</b>
	<b>REVISED CONTRACT AMOUNT</b>	<b>\$434,400.00</b>
ALT 1	Separate Instrument Easements (31@\$1,200 EA)*	\$37,200.00
	<b>REVISED CONTRACT AMOUNT (WITH ALTERNATE)</b>	<b>\$471,600.00</b>

*\*IF NEEDED - THIS TASK REQUIRES SEPARATE NOTICE TO PROCEED FROM CITY*

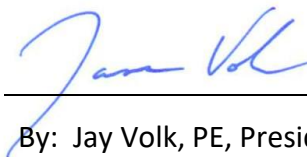
Agreed and accepted:

**CITY OF COPPELL**

**J. VOLK CONSULTING, INC.**

By: \_\_\_\_\_

Date: \_\_\_\_\_



By: Jay Volk, PE, President

Date: February 21, 2018