

**PROFESSIONAL SERVICES  
SUPPLEMENTAL AGREEMENT # 1  
FOR  
East Pflugerville Parkway  
From Colorado Sand Drive to Weiss Lane**

**STATE OF TEXAS           §  
  §  
COUNTY OF TRAVIS       §**

This Supplemental Agreement No. 1 to a contract for Professional Services is made by and between the City of Pflugerville, Texas ("City") and LJA Engineering, Inc. ("Consultant"). City and Consultant may be referred to herein singularly as "Party" or collectively as the "Parties."

WHEREAS, the City and Consultant executed an Agreement for Professional Services ("Agreement") on the 21st day of April, 2021 for the East Pflugerville Parkway project ("Project") in the amount of \$799,886.36 ; and

WHEREAS, it has become necessary to amend the Agreement to modify the provisions for the Scope of Services, and Compensation; and

WHEREAS, it is necessary for the City to amend its agreements from time to time to comply with changes in state law relating to contracts of municipalities.

NOW, THEREFORE, premises considered, the City and the Consultant agree that said Agreement is amended as follows:

**1.**

Article III. Scope of Services and Exhibit A, shall be amended as set forth in the attached addendum to Exhibit A.

Article IV. Compensation to Consultant and Exhibit C (Fee Schedule), shall be amended by increasing/decreasing by \$81,235.00 the amount payable under the Agreement for a total of \$881,121.36, as shown by the attached Addendum to Exhibit C (Fee Schedule).

**2.**

Except as amended hereby as indicated above, the terms of the Agreement shall remain unchanged and in full force and effect.

**EXECUTED and AGREED** to as of the dates indicated below.

**CITY OF  
PFLUGERVILLE**

**CONSULTANT**

\_\_\_\_\_  
(Signature)

Printed Name: Sereniah Breland

Title: City Manager

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

  
\_\_\_\_\_  
(Signature)

Printed Name: Kenneth Schrock

Title: Senior Vice President

Date: 1/26/22

APPROVED AS TO FORM:

\_\_\_\_\_  
Charles E. Zech  
City Attorney  
DENTON NAVARRO ROCHA BERNAL & ZECH, P.C.

## EXHIBIT A – SCOPE OF SERVICES

### SERVICES TO BE PROVIDED BY THE ENGINEER

**Roadway:** East Pflugerville Parkway  
**County:** Travis County  
**Limits:** Colorado Sand Drive to Weiss Lane

**General Work Description:** Develop 95%, and 100% plans, specifications, and estimates (PS&E) for Pedestrian Hybrid Beacon (PHB) signals and additional unpaved parking on the East Pflugerville Parkway Widening and Reconstruction project (the Project).

#### Standards and Specifications

Designs will be based on the latest version of City of Pflugerville (the CITY) Design Standards and Specifications supplemented by Texas Department of Transportation (TxDOT) items where necessary.

#### FC 145 - PROJECT MANAGEMENT AND COMMUNICATION PLAN

Prepare & Execute Supplemental

1a. Agency Coordination: LJA Team will meet with City staff to discuss details, requirements, and any specific direction in regards to operation to be considered in design

1b. Sub-provider management: Coordination with data collection team providing traffic counts

#### FC 162.4 – PEDESTRIAN HYBRID BEACONS

LJA will design and prepare construction plans for Pedestrian Hybrid Beacons at the intersections of E. Pflugerville Parkway/Lakeside Meadows and E. Pflugerville Parkway/Takara Development Subdivision Drive and communication infrastructure (conduit and ground-boxes) between existing traffic signals at E. Pflugerville/Weiss Lane and E. Pflugerville Parkway/ Lakeside Meadows PHB cabinet. PHBs will be designed to allow conversion to full traffic control signals with only minor modifications, when signals warranted in the future. The TIA performed by AC Group (April 2021) recommends provision of safe pedestrian crossing. PHB has proven to be the most effective traffic control device for pedestrians, and further it will be design that it could easily be converted to full functioning traffic signal, once the signal is warranted based on future traffic growth and increased pedestrian activities.

The following items and sheets will be produced/provided:

- Plan sheets showing existing conditions
- Proposed PHB layout
- Proposed signal layout
- PHB wiring, charts, and applicable design standards

- Coordination of electrical service drop
- Proposed Intersection Pavement Markings, Signage, and Ramp Layouts (as applicable)
- Quantities and construction cost estimate for the proposed PHBs

**FC 163.6 PARK PARKING**

LJA will design and prepare construction plans and update the 3D model for an unpaved parking lot along the City Park property abutting East Pflugerville Parkway. These plans will consist of typical sections, quantities, and layout sheets that will establish the location of the proposed parking facilities. The intent is to try and replace the existing parking at the same locations that are being eliminated with the East Pflugerville parkway roadway extension project.

**FC 160'S MILESTONE SUBMITTALS**

- ◆ 95%, 100% PS&E – 3 Sets of Hard Copies, 1 PDF

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**SERVICES ASSUMED TO BE PROVIDED BY THE CITY OF PFLUGERVILLE**

- ◆ Provide a City Project Manager to serve as the primary point of contact for the consultant
- ◆ The City will provide timely reviews in conjunction with the agreed upon schedule

Exhibit B - E. Pflugerville Pkwy PS&E

ID	Task Name	Duration	Start	Finish	Qtr 2, 2021			Qtr 3, 2021			Qtr 4, 2021			Qtr 1, 2022			Qtr 2, 2022		
					Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
1	<b>E. Pflugerville Pkwy PS&amp;E: Colorado Sand to Weiss</b>	<b>292 days</b>	<b>Fri 4/23/21</b>	<b>Mon 6/6/22</b>															
2	NTP	1 day	Fri 4/23/21	Fri 4/23/21															
3	Kickoff Meeting	1 day	Wed 4/28/21	Wed 4/28/21															
4	Finalize Roadway Design/Model	15 days	Mon 5/3/21	Fri 5/21/21															
5	Finalize Drainage Design/Model	15 days	Mon 5/17/21	Fri 6/4/21															
6	60% Plans Development	50 days	Mon 5/24/21	Fri 7/30/21															
7	60% Plans Review	15 days	Mon 8/2/21	Fri 8/20/21															
8	60% C/R Meeting	1 day	Wed 9/1/21	Wed 9/1/21															
9	90% Development	42 days	Thu 9/2/21	Fri 10/29/21															
10	90% Plans Review	15 days	Mon 11/1/21	Fri 11/19/21															
11	90% C/R Meeting	1 day	Fri 12/3/21	Fri 12/3/21															
12	95% Plans Development	29 days	Wed 2/23/22	Mon 4/4/22															
13	95% Plans Review	15 days	Tue 4/5/22	Mon 4/25/22															
14	95% C/R Meeting	1 day	Tue 4/26/22	Tue 4/26/22															
15	100% Plans Development	10 days	Wed 4/27/22	Tue 5/10/22															
16	100% Plans Review	15 days	Wed 5/11/22	Tue 5/31/22															
17	100% C/R Meeting	1 day	Wed 6/1/22	Wed 6/1/22															
18	Final PS&E Submittal	3 days	Thu 6/2/22	Mon 6/6/22															

Project: East Pflugerville Parkwa Date: Fri 1/14/22	Task		Project Summary		Manual Task		Start-only		Deadline	
	Split		Inactive Task		Duration-only		Finish-only		Progress	
	Milestone		Inactive Milestone		Manual Summary Rollup		External Tasks		Manual Progress	
	Summary		Inactive Summary		Manual Summary		External Milestone			

**E. PFLUGERVILLE PKWY  
FEE ESTIMATE**

**EXHIBIT C**

**FEE SCHEDULE - Design Services for Plans, Specifications and Estimates**

**PROJECT NAME: E. Pflugerville Pkwy from Colorado Sand Dr to Weiss Ln Signals**

**PRIME PROVIDER NAME: LJA Engineering, Inc.**

**Date: 1/26/2022**

<b>E. PFLUGERVILLE PKWY PROJECT</b>									
TASK DESCRIPTION	Senior PM	Senior Engineer	Project Engineer	E.I.T.	Utility Coordinator	Senior Eng Tech	CADD Operator	Admin	Total
<b>FC 145 - Project Management</b>									
Prepare & Execute Supplemental	2.0							2.0	4.0
<b>HOURS SUB-TOTALS</b>	2.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	4.0
<b>LABOR RATE PER HOUR</b>	\$230	\$180	\$160	\$135	\$122	\$120	\$85	\$70	
<b>SUBTOTAL</b>	\$460	\$0	\$0	\$0	\$0	\$0	\$0	\$140	\$600

TASK DESCRIPTION	Senior PM	Senior Engineer	Project Engineer	E.I.T.	Utility Coordinator	Senior Eng Tech	CADD Operator	Admin	Total
<b>FC 162.4 - Pedestrian Hybrid Beacons</b>									
1.0 Project Management									0.0
1a Agency Coordination/Correspondence/Meetings	2.0		16.0	16.0				4.0	38.0
1b Sub-Provider Management			2.0	2.0					4.0
<b>PHB Designs</b>									
Field visits	4.0		4.0	4.0					12.0
<b>PHB DESIGN PLANS</b>									
Title Sheets				2.0					2.0
General Notes				2.0					2.0
<b>Quantity Summary</b>				24.0					24.0
Existing Intersection Layout	1.0		8.0	32.0					41.0
Proposed Pavement Marking & Pedestrian Ramp Mod's	2.0		4.0	16.0					22.0
Proposed Signal Layout	1.0		16.0	40.0					57.0
Conduit Run Details	1.0		2.0	8.0					11.0
Conductor/Conduit Schedule	1.0		8.0	32.0					41.0
Cable Termination	1.0		4.0	16.0					21.0
Signal Elevation	1.0		2.0	8.0					11.0
Communication infrastructure (Conduit & Ground-boxes) from Weiss Lane/EPP to Lake Creek Meadows/EPP			4.0	40.0					44.0
Standards & Details				4.0					4.0
Coordination with City	4.0		4.0	4.0					12.0
QA/QC - 95%			8.0	24.0					32.0
QA/QC - 100%			4.0	16.0					20.0
95% Submittal	2.0		2.0	16.0					20.0
100% Submittal	2.0		2.0	16.0					20.0
<b>HOURS SUB-TOTALS</b>	22.0	0.0	90.0	322.0	0.0	0.0	0.0	4.0	438.0
<b>LABOR RATE PER HOUR</b>	\$230	\$180	\$160	\$135	\$122	\$120	\$85	\$70	
<b>SUBTOTAL</b>	\$5,060	\$0	\$14,400	\$43,470	\$0	\$0	\$0	\$280	\$63,210

TASK DESCRIPTION	Senior PM	Senior Engineer	Project Engineer	E.I.T.	Utility Coordinator	Senior Eng Tech	CADD Operator	Admin	Total
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**E. PFLUGERVILLE PKWY  
FEE ESTIMATE**

**EXHIBIT C**

**FEE SCHEDULE - Design Services for Plans, Specifications and Estimates**

**PROJECT NAME: E. Pflugerville Pkwy from Colorado Sand Dr to Weiss Ln Signals**

**PRIME PROVIDER NAME: LJA Engineering, Inc.**

**Date: 1/26/2022**

<b>E. PFLUGERVILLE PKWY PROJECT</b>										
<b>FC 163.6 - Park Parking</b>										
Create Parking Layout Sheets	1.0		8.0	40.0			20.0			69.0
Add to proposed Roadway 3D model		1.0	1.0	20.0		20.0				42.0
Create Typical Sections			0.5	1.0			1.0			2.5
Quantities			1.0	4.0						5.0
QA/QC (95/100)		4.0		4.0						8.0
Coordination with City	2.0		2.0							4.0
<b>HOURS SUB-TOTALS</b>	<b>3.0</b>	<b>5.0</b>	<b>12.5</b>	<b>69.0</b>	<b>0.0</b>	<b>20.0</b>	<b>21.0</b>	<b>0.0</b>		<b>130.5</b>
<b>LABOR RATE PER HOUR</b>	<b>\$230</b>	<b>\$180</b>	<b>\$160</b>	<b>\$135</b>	<b>\$122</b>	<b>\$120</b>	<b>\$85</b>	<b>\$70</b>		
<b>SUBTOTAL</b>	<b>\$690</b>	<b>\$900</b>	<b>\$2,000</b>	<b>\$9,315</b>	<b>\$0</b>	<b>\$2,400</b>	<b>\$1,785</b>	<b>\$0</b>		<b>\$17,090</b>

TASK DESCRIPTION	Senior PM	Senior Engineer	Project Engineer	E.I.T.	Utility Coordinator	Senior Eng Tech	CADD Operator	Admin	Total
FC 145 - Project Management	\$460	\$0	\$0	\$0	\$0	\$0	\$0	\$140	\$ 600.00
FC 162.4 - Pedestrian Hybrid Beacons	\$5,060	\$0	\$14,400	\$43,470	\$0	\$0	\$0	\$280	\$ 63,210.00
FC 163.6 - Park Parking	\$690	\$900	\$2,000	\$9,315	\$0	\$2,400	\$1,785	\$0	\$ 17,090.00
<b>SUBTOTAL LABOR EXPENSES</b>	<b>\$ 5,520</b>	<b>\$ -</b>	<b>\$ 14,400</b>	<b>\$ 43,470</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 420</b>	<b>\$80,900.00</b>
<b>DIRECT EXPENSES</b>	<b>Rate</b>	<b>Quantity</b>	<b>Cost</b>						
Mileage	\$0.58		\$0.00						
Courier Services (Deliveries)	\$30.00	1	\$30.00						
CADD Plotting (per SQ/FT)	\$1.50		\$0.00						
Photocopies B/W (8.5 X 11)	\$0.10		\$0.00						
Photocopies B/W (11 X 17)	\$0.15	700	\$105.00						
Photocopies Color (8 X 10)	\$0.75		\$0.00						
Photocopies Color (11 X 17)	\$1.00		\$0.00						
TDLR Plan Review and Registration (to be paid by City directly)	\$0.00		\$0.00						
Outside Reproduction (Bid Sets)	\$200.00	1	\$200.00						
Postage	\$3.00		\$0.00						
Exhibit Roll Plots (Mounted Color on Bond)	\$100.00		\$0.00						
<b>SUBTOTAL DIRECT EXPENSES</b>									<b>\$335.00</b>
<b>LJA ENGINEERING, INC. TOTAL</b>									<b>\$81,235.00</b>