

**EXHIBIT**

**"A"**

STATE OF TEXAS

§

§

COUNTY OF WILLIAMSON

§

**SUPPLEMENTAL CONTRACT NO. 4  
TO CONTRACT FOR ENGINEERING SERVICES**

**FIRM:** JOHNSON, MIRMIRAN & THOMPSON, INC. ("Engineer")  
**ADDRESS:** 205 E. University Avenue, Suite 450, Georgetown, TX 78626  
**PROJECT:** University Boulevard Widening

This Supplemental Contract No. 4 to Contract for Engineering Services is made by and between the City of Round Rock, Texas, hereinafter called the "City" and Johnson, Mirmiran & Thompson, Inc., hereinafter called the "Engineer".

**WHEREAS**, the City and Engineer executed a Contract for Engineering Services, hereinafter called the "Contract", on the 28th day of March, 2013 for the University Boulevard Widening Project in the amount of \$408,758.95; and

**WHEREAS**, the City and Engineer executed Supplemental Contract No. 1 on January 9, 2014 to amend the scope of services and to increase the compensation by \$741,250.00 to a total of \$1,150,008.95; and

**WHEREAS**, the City and Engineer executed Supplemental Contract No. 2 on February 21, 2014 to change the name of the firm from Kennedy Consulting, Ltd. to Kennedy Consulting, Inc.; and

**WHEREAS**, the City and Engineer executed Supplemental Contract No. 3 on November 10, 2016 to amend the scope of services and to increase the compensation by \$529,747.60 to a total of \$1,679,756.55; and

**WHEREAS**, it is necessary to amend the Contract to change the name of the firm from Kennedy Consulting, Inc. to Johnson, Mirmiran & Thompson, Inc.; and

**WHEREAS**, it has become necessary to amend the Contract to modify the provisions for the scope of services and to increase the compensation by \$99,300.00 to a total of \$1,779,056.55;

**NOW THEREFORE**, premises considered, the City and the Engineer agree that said Contract is amended as follows:

I.

The Contract shall be amended to change the name of the firm from Kennedy Consulting, Inc. to Johnson, Mirmiran & Thompson, Inc.

II.

Article 2, Engineering Services and Exhibit B, Engineering Services shall be amended as set forth in the attached Addendum to Exhibit B. Exhibit C, Work Schedule shall be amended as set forth in the attached Addendum to Exhibit C.

III.

Article 4, Compensation and Exhibit D, Fee Schedule shall be amended by increasing by \$99,300.00 the lump sum amount payable under the Contract for a total of \$1,779,056.55, as shown by the attached Addendum to Exhibit D.

**IN WITNESS WHEREOF**, the City and the Engineer have executed this Supplemental Contract in duplicate.

*[signature pages follow]*

**JOHNSON, MIRMIRAN & THOMPSON, INC.**

By:   
\_\_\_\_\_  
MATTHEW WERNER, VICE PRESIDENT

\_\_\_\_\_  
9/26/19  
Date

**CITY OF ROUND ROCK**

**APPROVED AS TO FORM:**

**By:** \_\_\_\_\_  
**Craig Morgan, Mayor**

\_\_\_\_\_  
**Stephan L. Sheets, City Attorney**

\_\_\_\_\_  
**Date**

## **ADDENDUM TO EXHIBIT B**

### **Engineering Services**

#### Project Background

The City of Round Rock (the “City”) proposes widening University Blvd. to a 6-lane, median divided arterial section from University Oaks Boulevard to Sunrise Road (the “Project”) utilizing the services of Johnson, Mirmiran & Thompson, Inc., (JMT) (the “Engineer”) as the prime consultant with support from the subconsultant team listed below. This scope of services includes field surveying, acquisition documents, subsurface utility engineering (SUE), preliminary design, environmental services, geotechnical studies, Plans, Specifications, and Estimate (PS&E) and construction engineering, to be performed by the prime consultant or subconsultant team.

The project scope is arranged in two separate phases of work. A previous Work Authorization (Design Phase 1) included only the effort required up to the 30% design (final schematic) submittal. A previous Supplemental Work Authorization (Design Phase 2) included the additional effort required to complete the final design, from the final Schematic design through final PS&E design and construction phase services. It has become necessary to supplement the contract to include design services for the additional construction described below:

- Relocate up to 7 fire hydrants and water main appurtenances
- Relocate approximately 240 feet of existing sanitary sewer
- Project management

Design services during development of this project shall be performed in accordance with the latest available City of Round Rock Transportation Design and Construction Standards Criteria Manual and TxDOT manuals. The development of the project shall be consistent with City of Round Rock and TxDOT design procedures and practices. This project shall be developed utilizing Microstation V8i and Geopak 2004.

#### Project Team Subconsultants

- a. *The Wallace Group, Inc. (TWG)* – Field Surveying, ROW & PUE Acquisition Documents, and Subsurface Utility Engineering
- b. *Terracon Consultants, Inc.* – Geotechnical Studies
- c. *Cox | McLain Environmental Consulting, Inc.* – Environmental Investigations
- d. *Kimley-Horn & Associates, Inc. (KHA)* – Traffic Design and Construction Engineering

Task: Plans, Specifications, & Estimate (JMT)

*a. Water and Sewer Relocations*

The Engineer shall prepare:

1. Relocation design for the following water appurtenances:
    - a. Sta. 635+40, Left: Fire Hydrant
    - b. Sta. 636+20, Left: Fire Hydrant
    - c. Sta. 111+90, Left: Water Meter
    - d. Sta. 112+15, Right: Fire Hydrant
    - e. Sta. 644+20, Left: Water Appurtenance
    - f. Sta. 652+00, Left: Fire Hydrant
    - g. Sta. 656+20, Right: Fire Hydrant
  2. Relocation design for approximately 240 feet of sanitary sewer at Sta. 651+50.
  3. Drawings, at a scale of 1"=40' H and 1"=4' V.
  4. Miscellaneous Notes, Details and Standards Details, as appropriate. City of Round Rock Standard Details will be utilized, as applicable. Standards that require modification will be revised and sealed by the Engineer. All other standards will have their title blocks filled out with the applicable project data and printed for inclusion in the final plan set.
- b.* The Engineer shall provide a list of applicable special specifications for water and sewer activities. If needed, the Engineer shall develop or modify one (1) unique special specification where an existing specification is unavailable.
- c.* An opinion of probable construction cost will be prepared at 90% and prior to the final PS&E submittal.
- d. Hydraulic Data*

The City shall provide the following water system information for inclusion on the plans:

1. Water Design velocity at maximum day peak hour;
2. Fire flows at peak hour;
3. Maximum HGL elevation in the corresponding pressure zone of the water system;
4. Design flows, minimum and maximum, and flow velocities at minimum and maximum dry weather flows of the wastewater system;

*e. Submittals*

The Engineer shall provide documents for:

1. 90% PS&E Submittal
2. Final PS&E Submittal

Task: General Project Management (JMT)

*a. General Management*

The Engineer shall establish and maintain project schedules and budgets, develop monthly progress reports, continue subconsultants and city coordination, and prepare invoices for the extended design schedule from September 2017 to June 2020.

*b. Project Coordination Meetings*

Attend up to three (3) meetings with the City or other agencies as needed for design reviews, and approval of permits or applications.

*c. Quality Assurance/Quality Control*

The Engineer shall review all work to assure that the work is in accordance with City requirements and that the work is completed in a timely and efficient manner.

Exclusions and Assumptions:

- Local and State permitting has not been included.

## **ADDENDUM TO EXHIBIT C**

### **Work Schedule**

#### Key work items:

- |   |                                  |
|---|----------------------------------|
| ➤ General Project Management            | July 2019 – June 2022            |
| ➤ Coordination Meetings                 | As needed, July 2019 – June 2022 |
| ➤ 95% PS&E Submittal (University Plans) | October 2019                     |
| ➤ WPAP Submittal to TCEQ                | December 2019                    |
| ➤ Final PS&E Submittal                  | February 2020                    |
| ➤ Project Bidding                       | June 2020                        |
| ➤ Construction Phase Services           | June 2020 – June. 2022           |



**ADDENDUM TO EXHIBIT D**  
**Fee Schedule**

Attached Behind This Page

**EXHIBIT D-4  
FEE SCHEDULE**

**FOR  
Johnson, Mirmiran & Thompson, Inc.**

**UNIVERSITY BLVD. WIDENING  
(PS&E PHASE SUPPLEMENTAL)**

For services described in the Scope of Services, we request the compensation as detailed below. Cost breakdowns for engineering services and explanation of expenses are shown on the following pages.

**LUMP SUM AMOUNT**

**\$99,300.00**

**EXHIBIT D-4****Fee Schedule**

Description of Work or Task		Cost / Task Totals
Johnson, Mirmiran & Thompson, Inc. (JMT)		
Task: Plans, Specifications, & Estimate		\$36,760.00
Task: General Project Management		\$62,540.00
JMT FEE SCHEDULE SUMMARY		\$99,300.00
TOTAL FEE		\$99,300.00

**Summary of Manhours by Classification**  
**Johnson, Mirmiran & Thompson, Inc.**

Description of Work or Task	Project Manager \$210.00/Hr	Senior Prof. 1 \$170.00/Hr	Prof. 2 \$140.00/Hr	Prof. 1 \$110.00/Hr	Admin / Clerical \$70.00/Hr	CADD Time \$20.00/Hr	Staff-Hr. Totals	Staff Cost / Task Totals
<b>Task: Plans, Specifications, &amp; Estimate</b>								
a. Water and Sewer Plans and Profiles	0	8	24	100	0	0	132	\$15,720.00
b. Miscellaneous Notes and Details	0	8	12	32	0	0	52	\$6,560.00
c. Specifications	0	8	24	24	0	0	56	\$7,360.00
d. Construction Cost Estimate	0	4	8	16	0	0	28	\$3,560.00
e. Submittals	0	4	8	16	0	0	28	\$3,560.00
<b>Plans, Specifications, &amp; Estimate Subtotal</b>	<b>0</b>	<b>32</b>	<b>76</b>	<b>188</b>	<b>0</b>	<b>0</b>	<b>296</b>	<b>\$36,760.00</b>
<b>Task: General Project Management</b>								
a. General Management	40	70	100	0	0	0	210	\$34,300.00
b. Project Coordination Meetings	40	4	6	0	0	0	50	\$9,920.00
c. Quality Assurance/Quality Control	80	4	6	0	0	0	90	\$18,320.00
Direct Expenses								\$0.00
<b>General Project Management Subtotal</b>	<b>160</b>	<b>78</b>	<b>112</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>350</b>	<b>\$62,540.00</b>
<b>Johnson, Mirmiran &amp; Thompson, Inc. Summary</b>	<b>160</b>	<b>110</b>	<b>188</b>	<b>188</b>	<b>0</b>	<b>0</b>	<b>646</b>	<b>\$99,300.00</b>

**EXHIBIT D-4**  
**Fee Schedule Summary**  
**UNIVERSITY BLVD. WIDENING**  
**(PS&E PHASE SUPPLEMENTAL)**

<b>Task:</b>		<b>Design Work Includes:</b>	<b>Cost</b>	
<b>Water and Sewer Design</b>				
JMT	Water line adjustments and sewer relocation	PS&E for relocation of water appurtenances and relocation of 240 feet of sanitary sewer.	\$	36,760
		<b>Task Cost:</b>	<b>\$</b>	<b>36,760 37%</b>
<b>General Project Management</b>				
<b>Task:</b>		<b>Design Work Includes:</b>	<b>Cost</b>	
JMT	General Project Management: Supplemental #2 scheduled ended in September 2017, New schedule ends in June 2020, Additional 34 months of management.	ROW acquisition coordination, utility meetings, utility owner / engineer coordination, city coordination, Sub coordination	\$	62,540
		<b>Task Cost:</b>	<b>\$</b>	<b>62,540 63%</b>
		<b>Total Supplemental Cost:</b>	<b>\$</b>	<b>99,300</b>