

III.

Article 4, Compensation and Exhibit D, Fee Schedule shall be amended by increasing by \$98,190.00 the lump sum amount payable under the Contract for a total of \$1,296,595.00, 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]

K FRIESE + ASSOCIATES, LLC

By: Charlotte Gilpin
Charlotte A. Gilpin, PE, CFM
Operations Manager
December 18, 2024

Date _____

CITY OF ROUND ROCK

APPROVED AS TO FORM:

By: _____

Stephanie L. Sandre, City Attorney

Printed Name: _____

Title: _____

Date Signed: _____

Greenlawn Blvd Widening
IH 35 to Louis Henna Blvd (SH 45)
Addendum to Exhibit A
City Services

The City of Round Rock (City) will provide the following information and other assistance to K Friese & Associates (Engineer) that the City deems appropriate and necessary.

1. Any readily available pertinent existing information relating to the services to be performed by the Engineer; the City will provide one copy of such information in a format chosen by the City. This includes block maps of water, wastewater, gas, and electric services, as-builts of the existing water mains, and information regarding any water services such as size and location.
2. Clear direction and/or response to questions or requests made by the Engineer in the course of the Engineer's performance of services, including allowable water main shutdown durations.
3. Timely review of deliverables that have been properly completed and submitted by the Engineer, and timely provision of comments, if any, to the Engineer resulting from said reviews.

Greenlawn Blvd Widening
IH 35 to Louis Henna Blvd (SH 45)
Addendum to Exhibit B
Engineering Services

UNDERSTANDING

K Friese & Associates, LLC (KFA) is currently designing the roadway and drainage improvements for the expansion of Greenlawn Boulevard from IH 35 to Louis Henna Boulevard (SH 45). During preliminary design, the KFA Team identified several existing water mains that are in conflict with proposed improvements. The water mains in conflict will require adjustment so KFA will develop Plans, Specifications, and Estimate (PS&E) documents for eight (8) adjustment, one (1) 8-in, two (2) 12-inch, and four (4) 16-inch water mains. This work order consists of the replacement of the following:

- Greenlawn Blvd ~STA 10+30
 - 130 linear feet of 12-inch water service, bored
- Greenlawn Blvd ~STA 12+85 LT
 - 60 linear feet of 16-inch water main
- Greenlawn Blvd ~STA 23+40 LT
 - 60 linear feet of 16-inch water main
- Greenlawn Blvd ~STA 25+72
 - 130 linear feet of 12-inch water service
- Greenlawn Blvd ~STA 27+95 LT
 - 60 linear feet of 16-inch water main
- Greenlawn Blvd ~STA 29+95 LT
 - 60 linear feet of 16-inch encased water main
- Greenlawn Blvd ~STA 33+75 LT
 - 60 linear feet of 16-inch water main
- Greenlawn Blvd ~STA 41+25
 - 175 linear feet of 12-inch encased water main, bored
 - Fire hydrant relocations

Other City of Round Rock infrastructure exists within the corridor that may need to be replaced/adjusted if found to be in conflict with the roadway proposed improvements. Additional services will be required if more infrastructure is required to be replaced.

Below is a list of the anticipated sheets required and updated:

- General Plans
 - Sheet Index
 - Quantity/Summary Sheets
 - Water Summary Sheet (1 Sheet)
 - Project Layout
- Water Plan Sheets
 - Water Notes Sheet (1 Sheet)
 - Water Plan and Profile Sheets (1" = 40' scale) (3 Sheets)
 - Water Standard Details Sheets (4 Sheets)

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Engineering Services

In addition, KFA will extend the contract time through the end of design and include meetings for the project and water main adjustment design team throughout the remaining schedule.

KFA assumes that there will be monthly meetings with the City for the remainder of the design phase which is assumed to be an additional six (6) months and six (6) additional meetings are needed.

SCOPE OF SERVICES

TASK 1 – PROJECT MANAGEMENT

1. Project Management/Administration – This task includes routine communication with the City; managing sub-consultants, developers, workload, budgets, and schedules; invoicing; implementing and monitoring of QA/QC efforts; and other activities associated with managing the project. An additional 6 months has been added to the original project duration.
2. Project Meetings and Status Reports – KFA will attend virtual regular status meetings with the City to review progress and upcoming work. We have budgeted for three (3) additional meetings to review and discuss the water main relocation design. Time includes preparation of agendas and meeting minutes.

TASK 2 – FINAL DESIGN & BID PHASE

1. 50% Design Phase
 - a. Review Surveys, Maps, As-Builts – Review documents depicting the existing water infrastructure provided by the City of Round Rock.
 - b. Walk Project – The KFA Team will visit the site to walk the project and assess existing conditions that are visible in order to evaluate new alignments.
 - c. Prepare Plan Sheets – Prepare Water Quantities, Water Notes, and Water Standard Details sheets for the project. The KFA Team will prepare plan and profile sheets for the segments of water main replacement via open cut. Existing utilities will be shown where information was found to be available and based on field mark-outs of utilities.
 - d. Prepare Opinion of Probable Construction Cost – KFA will prepare a construction cost estimate based on the quantities developed in the plans and pricing on recent similar construction projects. This will be prepared in Microsoft Excel format.

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Addendum to Exhibit B
Engineering Services

- e. QA/QC – KFA will conduct QA/QC of the plans for each design phase.
- f. Design Submittal - The KFA Team will prepare and submit plans to the City of Round Rock for review at the 50% design stage. Plans and profiles will be prepared on 11" x 17" sheets at 1"=40' horizontal scale and 1" = 10' vertical scale and will be submitted in PDF format.

2. 95% Design Phase

- a. Prepare Revised Plan Sheets – Revise Water Quantities, Water Notes, and Water Standard Details sheets for the project. The KFA Team will add as-built information and revise the plan and profile sheets for the segments of water main replacement. KFA Team will summarize and respond to comments received from the City at the 50% submittal.
- b. Prepare Opinion of Probable Construction Cost – KFA will prepare an updated construction cost estimate based on updated quantities developed in the plans and pricing on recent similar construction projects. This will be prepared in Microsoft Excel format.
- c. QA/QC – The KFA Team will conduct QA/QC of the plans for each design phase.
- d. Design Submittal - The KFA Team will prepare and submit plans to the City of Round Rock for review at the 95% design stage. The plans will be submitted in PDF format.

3. 100% Design Phase

- a. Attend City of Round Rock QA/QC Meeting – The KFA Team will attend a QA/QC meeting with City of Round Rock Staff to go over the plans and to receive comments/questions.
- b. Prepare Revised Plan Sheets – Revise Water Quantities, Water Notes, and Water Standard Details sheets for the project. The KFA Team will revise the plan and profile sheets for the segments of water main replacement. KFA Team will summarize and respond to comments received from the City at the 95% submittal.
- c. QA/QC – The KFA Team will conduct QA/QC of the plans for each design phase.
- d. Design Submittal - The KFA Team will prepare and submit sealed final plans to the City of Round Rock at the 100% design stage. The plans will be submitted in PDF format.

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IH 35 to Louis Henna Blvd (SH 45)
Addendum to Exhibit B
Engineering Services

APPLICATION DELIVERABLES

- Electronic submittals of Plans and OPCC's at 50%, 95% and 100% design phases

EXCLUSIONS

Items not anticipated for this assignment which have not been included in this Scope of Services are as follows: design survey, subsurface utility locates (SUE), flow development, temporary waterline main design, hydraulic analysis of pipe lines, metes and bounds for easements, easement acquisitions, structural engineering, geotechnical engineering, environmental studies, traffic control plans, surface adjustment sheets, and permitting fees.

Addendum to Exhibit C
Work Schedule

Attached Behind This Page

Addendum to Exhibit D
Fee Schedule

Attached Behind This Page



Greenlawn Blvd Widening
IH 35 to Louis Henna Blvd (SH 45)
EXHIBIT D
FEE SCHEDULE



		Billing Rate	\$ 250.00	\$ 215.00	\$ 185.00	\$ 105.00	\$ 105.00	\$ 90.00			
Task		Sr Project Manager Hours	Senior Engineer Hours	Project Engineer Hours	EIT Hours	Sr. CADD Technician Hours	Project Administrator Hours	Total Labor Hours	Total Labor Cost	Expenses Cost	Total Cost
Task 1 - Project Management											
1	Project Management/Administration	4	36	8	0	0	6	54	\$10,760	\$0	\$10,760
2	Project Meetings & Status Reports (3 Meetings)	0	12	8	0	0	0	20	\$4,060	\$500	\$4,560
Subtotal Task 1		4	48	16	0	0	6	74	\$14,820	\$500	\$15,320
Task 2 -Final Design											
1	50% Design Phase										
a.	Review Surveys, Maps, As-Builts	4	0	18	0	0	0	22	\$4,330	\$150	\$4,480
c.	Prepare Plan Sheets	24	0	92	0	0	0	116	\$23,020	\$0	\$23,020
d.	Prepare Opinion of Probable Construction Cost	2	0	8	0	0	0	10	\$1,980	\$0	\$1,980
e.	QA/QC	10	0	0	0	0	0	10	\$2,500	\$0	\$2,500
f.	Design Submittal	2	0	2	0	0	0	4	\$870	\$0	\$870
2	95% Design Phase										
a.	Prepare Revised Plan Sheets	24	4	88	48	0	0	164	\$28,180	\$0	\$28,180
b.	Prepare Opinion of Probable Construction Cost	1	0	4	0	0	0	5	\$990	\$0	\$990
c.	QA/QC	8	2	0	0	0	0	10	\$2,430	\$0	\$2,430
e.	Design Submittal	2	0	4	0	0	0	6	\$1,240	\$0	\$1,240
3	100% Design Phase										
b.	Prepare Revised Plan Sheets	12	0	36	0	0	0	48	\$9,660	\$0	\$9,660
c.	QA/QC	8	2	16	12	0	0	38	\$6,650	\$0	\$6,650
e.	Design Submittal	2	0	2	0	0	0	4	\$870	\$0	\$870
Subtotal Task 2		99	8	270	60	0	0	437	\$82,720.00	\$150.00	\$82,870
Project Totals		103	56	286	60	0	6	511	\$97,540.00	\$650.00	\$98,190.00