

EXHIBIT

"A"

STATE OF TEXAS

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§

COUNTY OF WILLIAMSON

§

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

FIRM: RODRIGUEZ TRANSPORTATION GROUP, INC. ("Engineer")
ADDRESS: 11211 Taylor Draper Lane, Suite 100, Austin, TX 78759
PROJECT: Gattis School Road (Segment 3)

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 Rodriguez Transportation Group, Inc., hereinafter called the "Engineer".

WHEREAS, the City and Engineer executed a Contract for Engineering Services, hereinafter called the "Contract", on the 22nd day of March, 2018 for the Gattis School Road (Segment 3) Project in the amount of \$1,013,037.45; and

WHEREAS, the City and Engineer executed Supplemental Contract No. 1 on February 14, 2019 to amend the scope of services and to increase the compensation by \$117,447.94 to a total of \$1,130,485.39; and

WHEREAS, the City and Engineer executed Supplemental Contract No. 2 on August 22, 2019 to amend the scope of services and to increase the compensation by \$89,780.42 to a total of \$1,220,265.81; and

WHEREAS, the City and Engineer executed Supplemental Contract No. 3 on November 12, 2020 to amend the scope of services and to increase the compensation by \$52,865.48 to a total of \$1,273,131.29; 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 \$78,587.78 to a total of \$1,351,719.07;

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

I.

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.

II.

Article 4, Compensation and Exhibit D, Fee Schedule shall be amended by increasing by \$78,587.78 the lump sum amount payable under the Contract for a total of \$1,351,719.07, 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]

RODRIGUEZ TRANSPORTATION GROUP, INC.

By: Robert Caruth, P.E.
Vice President

04/01/2021
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

The additional Scope of Work to be performed by the Engineer under this Supplemental Contract is described as follows:

- Additional Roadway Design Services to add the reconstruction of E. Rock Cove to the plan set. The addition of E. Rock Cove does not include services related to traffic control, drainage, survey, ROW or environmental unless otherwise noted below.
- Additional Roadway Design Services to update the design (as needed) to address changes resulting from revisions to proposed drainage system resulting from Atlas 14.
- Additional Drainage Design Services to update design to reflect Atlas 14 precipitation data.
- Additional Illumination Design Services to help resolve utility conflicts.
- Additional Utility coordination required to review relocation plans provided by utility providers and to develop a DGN file that represents utility locations prior to roadway construction activities (ex. all existing utilities to remain and all relocated utilities.)

FC 140 – Project Management and Administration

- A. The Engineer shall continue to manage the project by preparing invoices, maintaining the project files and work schedule, and continuing to coordinate with City Staff and their representatives for the extended duration of the project (ex. 12 additional months).

FC 160 – Roadway Design

- A. Roadway Plans
 1. The Engineer shall update existing sheets impacted by the addition of E. Rock Cove reconstruction to the plan set. Existing sheets include: Index, Project Layout, Typical Section Pavement Details, Summary Sheets, Narrative Sequence of Construction, Horizontal Alignment Data Sheet, E. Rock Cove P&P, SW3P.
 2. The Engineer shall develop new sheets impacted by the addition of E. Rock Cove reconstruction to the plan set. New sheets include: Typical Section, Plan Layout, and Erosion Control Plan sheet.
 3. The Engineer shall update the design of various roadway plan sheets (10 max.) as needed to reflect changes made to the proposed drainage systems resulting from Atlas 14. The 10 sheets requiring revisions may include: TCP and Roadway Sheets.

FC 161 – Drainage

- A. The Engineer shall update the Drainage Report to reflect to reflect hydrologic computations using Atlas 14 precipitation depths. Hydraulic computations for existing and proposed structures will be revised to account for peak flow rates calculated with Atlas 14 precipitation depths. Results to be tabulated and report documentation to be updated for the latest calculations.
- B. Culvert and Storm Drain Design
 1. The Engineer shall revise Rational Method and Hydrograph calculations to reflect Atlas 14 precipitation depths. HY-8 and GEOPAK Drainage models will be revised for the new peak flow rates. Inlet calculations will be modified and if necessary,

additional inlets will be added to ensure ponding width is not exceeded during the design event.

2. The Engineer shall modify hydraulic calculations using HY-8 and GEOPAK Drainage models for the new peak flow rates. Inlet calculations will be modified and if necessary, additional inlets will be added to ensure ponding width is not exceeded during the design event. On-site drainage area maps and storm profiles will be modified for the revised design. No off-site storm drain improvements are included with this task.
3. The Engineer shall modify the erosion control layouts to reflect additional curb inlets required to address the Atlas 14 precipitation depths.

C. Culvert Layouts

1. The Engineer shall revise the culvert layouts to address the increased peak flow rates from the Atlas 14 precipitation depths.
2. The Engineer shall revise the culvert design, as necessary, to ensure that the proposed culverts convey the new Atlas 14 design event with no overtopping of the proposed roadway.

FC 162 – Signing, Pavement Markings, Signals and Illumination

A. Utility Coordination

1. The Engineer shall update the Illumination Plan Layout, as needed, to help resolve proposed utility related conflicts. Remaining utilities that have not been cleared include: Atmos, AT&T, Grande, and Zayo.

FC 163 – Miscellaneous

A. Utility Coordination

1. The Engineer shall continue to coordinate required relocations with each utility provider. Coordination efforts includes: reviewing relocation plans and issuing comments and working with the providers to address questions, gather relocation schedule information, etc. Continued coordination effort is expected for the following providers: Atmos, AT&T, Charter/Spectrum, Oncor, Grande, and Zayo.
2. Develop a Microstation reference file (DGN) that represents anticipated utility locations prior to roadway construction activities. The file will be based on relocation information provided by the utility providers and existing utilities to remain; all compiled into a single file.

Addendum to Exhibit C - Work Schedule						
ID	Task Mode	Task Name	Duration	Start	Finish	
1		Initial Submittal (Geometric Schematic)	100 days	Sun 4/1/18	Fri 8/17/18	
2		Notice to Proceed	1 day	Sun 4/1/18	Sun 4/1/18	
3		Data Collection & Field Reconnaissance	15 days	Mon 4/2/18	Fri 4/20/18	
4		Right of Entry Coordination	15 days	Mon 4/9/18	Fri 4/27/18	
5		Design Concept Conference (w/ DSF)	3 days	Thu 4/26/18	Mon 4/30/18	
6		Initiate Project Control	5 days	Mon 4/23/18	Fri 4/27/18	
7		H & H Studies	27 days	Thu 5/3/18	Fri 6/8/18	
8		Environment Data Collection	15 days	Tue 5/1/18	Mon 5/21/18	
9		Geotechnical Investigation	45 days	Tue 5/1/18	Mon 7/2/18	
10		Survey (Design Surveys)	25 days	Mon 4/30/18	Fri 6/1/18	
11		Preliminary Roadway Geometry/Design Cross Sections	15 days	Mon 6/4/18	Fri 6/22/18	
12		Preliminary Storm Drain Design	20 days	Mon 6/11/18	Fri 7/6/18	
13		Preliminary Utility Conflict Determination	5 days	Mon 7/9/18	Fri 7/13/18	
14		Develop Sequence of Construction Layout	10 days	Mon 6/25/18	Fri 7/6/18	
15		Preliminary Geometric Schematic	10 days	Mon 7/9/18	Fri 7/20/18	
16		Initital Submittal (QAQC)	5 days	Mon 7/23/18	Fri 7/27/18	
17		Initial Submittal	0 days	Fri 8/3/18	Fri 8/3/18	
18		City of Round Rock Review Period	10 days	Mon 8/6/18	Fri 8/17/18	
19		30% Submittal (Geometric Schematic/ROW Limits)	71 days	Mon 8/20/18	Mon 11/26/18	
20		Property Owners Meeting #1	5 days	Mon 9/3/18	Fri 9/7/18	
21		Review/Address Review Comments	10 days	Mon 8/20/18	Fri 8/31/18	
22		Environmental Document/Technical Reports	20 days	Fri 9/14/18	Fri 10/12/18	
23		Pre-Final Geometric Schematic	5 days	Fri 10/12/18	Thu 10/18/18	
24		Public Meeting #1	5 days	Tue 10/23/18	Mon 10/29/18	
25		30% Submittal (QAQC)	5 days	Tue 10/30/18	Mon 11/5/18	
26		30% Submittal	0 days	Mon 11/12/18	Mon 11/12/18	
27		City of Round Rock Review Period	10 days	Tue 11/13/18	Mon 11/26/18	
28		60% Submittal (PS&E)	65 days	Tue 11/27/18	Mon 2/25/19	
29		Property Owners Meeting #2 (If Applicable)	5 days	Tue 12/4/18	Mon 12/10/18	
30		Review/Address Review Comments	5 days	Tue 11/27/18	Mon 12/3/18	
31		Final Reports (Env., Drng, Geo.)	5 days	Tue 11/27/18	Mon 12/3/18	
32		Utility Coordination Meetings	30 days	Tue 12/4/18	Mon 1/14/19	
33		Final Geometric Schematic	5 days	Tue 12/18/18	Mon 12/24/18	
34		Begin 60% Detailed Design (Plan Sheets)	45 days	Tue 12/4/18	Mon 2/4/19	
35		Public Meeting #2 (If Applicable)	5 days	Tue 12/25/18	Mon 12/31/18	
36		60 % Submittal (QAQC)	5 days	Tue 2/5/19	Mon 2/11/19	
37		60% Submittal	0 days	Mon 2/11/19	Mon 2/11/19	
38		City of Round Rock Review Period	10 days	Tue 2/12/19	Mon 2/25/19	
39		90% Submittal (PS&E)	221 days	Tue 1/1/19	Tue 11/5/19	
40		A.W.Grimes Supplemental Survey and SUE (SWA#1)	30 days	Tue 1/1/19	Mon 2/11/19	
41		Supplement Work Authorization No. 2 (SWA#2)	0 days	Mon 7/29/19	Mon 7/29/19	
42		Windy Park Supplemental Survey and SUE (SWA#2)	30 days	Mon 7/29/19	Fri 9/6/19	
43		Review/Address Review Comments	5 days	Tue 2/26/19	Mon 3/4/19	
44		Continue 90% Detailed Design (Plan Sheets)	50 days	Wed 7/31/19	Tue 10/8/19	
45		Utility Coordination Meetings	75 days	Mon 5/20/19	Fri 8/30/19	
46		Supporting Documents (Estimate, GN, Construction Schedule)	15 days	Wed 9/18/19	Tue 10/8/19	
47		90% Submittal (QAQC)	10 days	Wed 10/9/19	Tue 10/22/19	
48		90% Submittal	0 days	Tue 10/22/19	Tue 10/22/19	
49		City of Round Rock Review Period	10 days	Wed 10/23/19	Tue 11/5/19	
50		Pre-Final Submittal (PS&E)	22 days?	Mon 10/5/20	Tue 11/3/20	
51		Pre-Final Submittal (QAQC)	10 days?	Mon 10/5/20	Fri 10/16/20	
52		Pre-Final Submittal	2 days	Mon 10/19/20	Tue 10/20/20	
53		City of Round Rock Review Period	10 days	Wed 10/21/20	Tue 11/3/20	
54		Final Submittal (PS&E)	176 days	Wed 12/2/20	Wed 8/4/21	
55		Supplemental Work Authorization No. 4 (SWA#4)	1 day	Mon 4/19/21	Mon 4/19/21	
56		Utility Coordination Meetings	150 days	Wed 12/2/20	Tue 6/29/21	
57		Update Design (E. Rock Cove and Atlas 14)	30 days	Thu 4/22/21	Wed 6/2/21	
58		Review/Address Review Comments	10 days	Thu 6/3/21	Wed 6/16/21	
59		Finalize Detailed Design (Plan Sheets)	10 days	Thu 7/8/21	Wed 7/21/21	
60		Finalize Supporting Documents (Estimate, GN, Construction Schedule)	5 days	Thu 7/22/21	Wed 7/28/21	
61		Final Submittal (QAQC)	5 days	Thu 7/29/21	Wed 8/4/21	
62		Final Submittal	0 days	Wed 8/4/21	Wed 8/4/21	

Task

Summary

Critical

Rodriguez Transportion Group, Inc.
Gattis School Road (Segment 3)
Date: Wed 3/24/21

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Addendum to Exhibit D Fee Schedule

RODRIGUEZ TRANSPORTATION GROUP, Inc. Estimate of Engineering Services Budget						City of Round Rock Gattis School Road (Segment 3)		
TASK	RODRIGUEZ TRANSPORTATION GROUP, INC.	CORSAIR CONSULTING LLC	COX McLAIN ENV. CONSULTING INC.	HDR ENGINEERING INC.	INLAND GEODETICS LLC	K FRIESE & ASSOCIATES INC.	NANCY LEDBETTER & ASSOCIATES INC.	TOTAL COST
FC 110 Route and Design Studies; Geotechnical Investigation	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
FC 120 Environmental Documentation	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
FC 130 ROW Data/Utilities	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
FC 140 Project Management and Administration	\$5,099.04	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$5,099.04
FC 150 Field Surveying and Photogrammetry	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
FC 160 Roadway Design	\$16,288.60	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$16,288.60
FC 161 Drainage	\$31,347.98	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$31,347.98
FC 162 Signing, Pavement Markings, Signals and Illumination	\$0.00	\$0.00	\$0.00	\$5,456.00	\$0.00	\$0.00	\$0.00	\$5,456.00
FC 163 Miscellaneous	\$20,396.16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$20,396.16
Subtotal - Labor	\$ 73,131.78	\$ -	\$ -	\$ 5,456.00	\$ -	\$ -	\$ -	\$ 78,587.78
Subtotal - Other Direct Expenses (Cardno)	\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$0.00
GRAND TOTAL	\$ 73,131.78	\$ -	\$ -	\$ 5,456.00	\$ -	\$ -	\$ -	\$ 78,587.78