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**SUPPLEMENTAL CONTRACT NO. 1
TO CONTRACT FOR ENGINEERING SERVICES**

FIRM: KIMLEY-HORN AND ASSOCIATES, INC. (“Engineer”)
ADDRESS: 5301 Southwest Parkway, Building 2, Suite 100, Austin, TX 78735
PROJECT: Kenney Fort 24-inch Reuse Line Extension

This Supplemental Contract No. 1 to Contract for Engineering Services is made by and between the City of Round Rock, Texas, hereinafter called the “City” and Kimley-Horn and Associates, Inc., hereinafter called the “Engineer.”

WHEREAS, the City and Engineer executed a Contract for Engineering Services, hereinafter called the “Contract,” on the 27th day of October, 2022 for the Kenney Fort 24-inch Reuse Line Extension Project in the amount of \$616,200.00; 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 \$110,000.00 to a total of \$726,200.00;

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 \$110,000.00 the maximum amount payable under the Contract for a total of \$726,200.00, 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]

KIMLEY-HORN AND ASSOCIATES, INC.

By: _____

Date

CITY OF ROUND ROCK

APPROVED AS TO FORM:

By: _____
Craig Morgan, Mayor

Stephanie L. Sandre, City Attorney

Date

ADDENDUM TO EXHIBIT B

Engineering Services

Based on coordination with landowners and City staff the proposed alignment has been extended. This supplementary design will include an additional 3,600 linear feet of 24-inch reuse water line.

- Kenney Fort Blvd 24-inch Reuse Water Line – Approximately 10,600 linear feet
 - Proposed 24-inch reuse water line along Kenney Fort Blvd from Forest Creek Drive to the Southernmost access drive into Kalahari, approximately 1,500' southeast of Kalahari Blvd. The reuse line will traverse the tree line on the South side of the Kalahari property and then travel northeast to connect to an existing reuse line at the Brushy Creek East Regional WWTP.

Task 1 – Design Management, Project Meetings, and Data Collection

Design Management

The Engineer will manage the design and work associated with the scope described in subsequent sections and provide the following communication and reporting:

- Progress Report (one per month)
- Communication and reporting for an additional four (4) months for a total of sixteen (16) month duration for design

Project Meetings

The Engineer will prepare for and attend meetings with the Owner, to the extent requested by the Owner and budgeted for in this agreement. The following project meetings are anticipated:

- An additional two (2) for a total of eight (8) progress meetings to discuss specific design or coordination items associated with the project

Task Deliverables:

- Meeting minutes for each meeting attended

Task 2 – Routing and Conceptual Design (30%)

- Routing - The Engineer will conduct an additional routing alignment for the reuse water line based on landowner input.
- Task Deliverables:
 - One additional (1) PDF of the updated OPCC and alignment exhibit
- Task Meetings

- One (1) additional for a total of two (2) constructability and routing field visits with the City Project Manager, to review the proposed alignment alternatives.

Task 3 – Preliminary Design (60%)

- Design and Boundary Survey – (*Sub-Consultant - Inland Geodetics, LLC.*)
 - Design Survey for additional 3,600 linear feet of water line route.
 - On the ground survey:
 - Topo survey along the recommended alignment for a width up to 80’.
 - Existing manholes, valves, inlets, road poles, driveway connections, and other observable above ground existing structures will be located within the project area.
 - Establish control points along the route.
- Geotechnical Analysis – (Subconsultant: Raba Kistner Consultants, Inc.) The Consultant will perform a geotechnical analysis of the proposed reuse water alignment utilizing a geotechnical laboratory to determine subsurface conditions and make recommendations regarding tunneling, embedment, backfill and excavation parameters. The geotechnical analysis will include the following:
 - Subsurface exploration including an additional five (5) for a total of thirteen (13) sample bores, at various locations and depths along the proposed line.
 - Laboratory tests for classification purposes and strength characteristics.
 - Engineering services that address soil and groundwater conditions for proposed horizontal boring locations.
 - Prepare a geotechnical report that presents the results of the field and laboratory data as well as analysis and recommendations. The data contained in the geotechnical report will be made available to contractors during the bidding process for information purposes.
- 60% Plans – The Engineer will prepare 60% plans and easement boundaries for the reuse water line. These plans will be prepared on 22”x34”. Plans will consist of:
 - An additional four (4) Plan (only) Sheets at 1”=40’, for a total of eleven (11)

Task 4 – Final Design (90%/100%)

- Plans – The Engineer will prepare plans for the water line. These plans will be prepared on 22”x34”. Plans will consist of:
 - An additional two (2) Project Access Plan and Recommended Sequencing Sheets, for a total of four (4)
 - An additional four (4) Plan and Profiles Sheets at 1”=40’, for a total of eleven (11)
 - An additional two (2) Erosion Control Plans for a total of six (6)

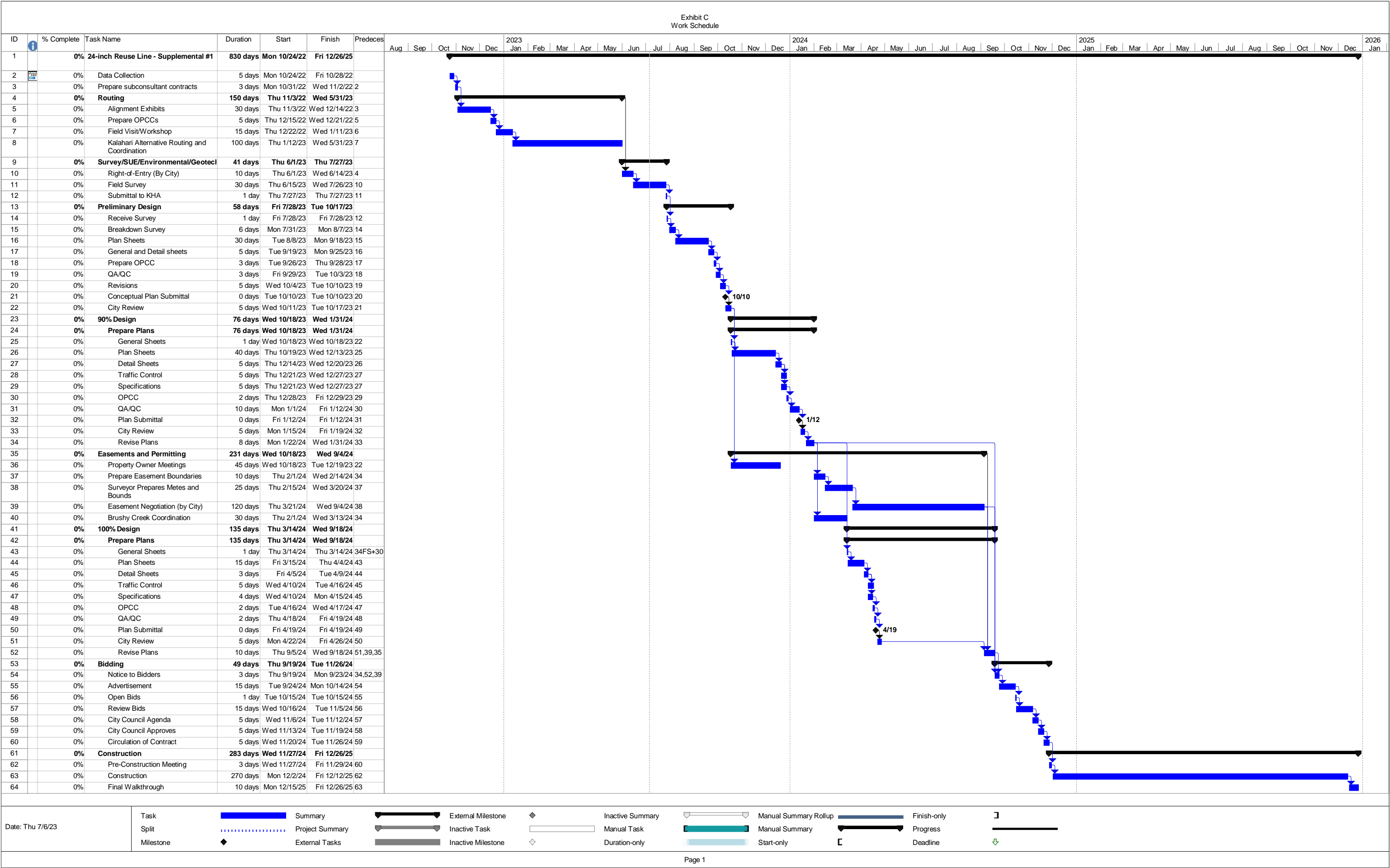
Task 6 – Construction Contract Administration (CCA)

The estimated construction period for the basis of establishing the Engineer's Fee for each phase is as follows:

- An additional two (2) months, for a total of up to twelve (12) months

ADDENDUM TO EXHIBIT C
Work Schedule

Attached Behind This Page



ADDENDUM TO EXHIBIT D
Fee Schedule

Attached Behind This Page

Project Name: Kenney Fort Blvd 24-inch Reuse Water Line

	Original Contract					Supplemental #1					TOTALS
	Total	Total	Other		Subtotal	Total	Total	Other		Subtotal	
Task	Labor Hours	Loaded Labor Cost	Direct Costs	Subconsultants		Labor Hours	Loaded Labor Cost	Direct Costs	Subconsultants		
Task 1: Design Management, Project Meetings, and Data Coll.	180	\$31,400.00	\$500.00	\$0.00	\$31,900.00	40	\$6,300.00	\$0.00	\$0.00	\$6,300.00	\$38,200.00
Task 2: Routing and Conceptual Design	170	\$32,800.00	\$1,000.00	\$0.00	\$33,800.00	50	\$10,500.00	\$1,000.00	\$0.00	\$11,500.00	\$45,300.00
Task 3: Preliminary Design (60%)	240	\$45,400.00	\$1,000.00	\$139,000.00	\$185,400.00	80	\$14,500.00	\$0.00	\$46,000.00	\$60,500.00	\$245,900.00
Task 4: Final Design (90%/100%)	600	\$115,200.00	\$1,000.00	\$0.00	\$116,200.00	136	\$25,000.00	\$0.00	\$0.00	\$25,000.00	\$141,200.00
Task 5: Easements and Permitting	300	\$58,400.00	\$1,300.00	\$94,000.00	\$153,700.00	0	\$0.00	\$0.00	\$0.00	\$0.00	\$153,700.00
Task 6: Bidding Services	75	\$13,900.00	\$500.00	\$0.00	\$14,400.00	0	\$0.00	\$0.00	\$0.00	\$0.00	\$14,400.00
Task 7: Construction Contract Administration	410	\$79,800.00	\$1,000.00	\$0.00	\$80,800.00	30	\$6,700.00	\$0.00	\$0.00	\$6,700.00	\$87,500.00
GRAND TOTAL:	1975	\$376,900.00	\$6,300.00	\$233,000.00	\$616,200.00	336	\$63,000.00	\$1,000.00	\$46,000.00	\$110,000.00	\$726,200.00

EXHIBIT D - DETAILED

Project Name: Kenney Fort Blvd 24-inch Reuse Water Ltr0

Prepared By: Kimley-Horn and Associates, Inc.

Task # Subtask Number	Task Name Subtask Name/Description	Assumptions	Direct Labor (Person-Hours)							Labor Total (Round)	Misc. Direct Expense (\$)
			Senior Prof II	Senior Prof I	Prof	Analyst	Project Controller	Admin	Labor Total (hours)		
			\$315.00	280.00	190.00	170.00	95.00	\$95.00			
1	Design Management, PM, and DC										
	Project Management			1	1				2		
	General Administration and Subs			1	2			5	8		
	Invoicing and Progress Reports	16 mo pro /24 mo inv		2	4		6		12		
	Data Collection			1	2	4			7		
	Progress Meetings	2 additional (8 total)		2	2	3			7		
									0		
	Task Total (Hours)		0	7	11	7	6	5	36	40	
	Task Total (Dollars)		\$0	\$1,960	\$2,090	\$1,190	\$570	\$475	\$6,285	\$6,300	\$0
2	Routing and Conceptual Design										
	GIS Basemap Development			2	2	2			6		
	Alignment Exhibits	3 additional		2	4	8			14		\$1,000
	Field Visit	2 additional		3	3	3			9		
	Analysis and Recommendation of Routes			1	2	4			7		
	Update OPCC			1	2	2			5		
	QA/QC			2	2				4		
	Revisions per QA/QC			1	2	4			7		
									0		
	Task Total (Hours)		0	12	17	23	0	0	52	50	
	Task Total (Dollars)		\$0	\$3,360	\$3,230	\$3,910	\$0	\$0	\$10,500	\$10,500	\$1,000
3	Preliminary Design (60%)										
	Survey	3,600 linear feet addt							0		\$25,000
	Geotech Fee	5 additional bores							0		\$21,000
	Survey Clean-up and Utilities				2	4			6		
	Prepare Plan Sheets	4 additional (11 total)		4	12	40			56		
	Develop OPCC			1	2	2			5		
	QA/QC		1	2					3		
	Revisions and Deliverables			1	2	4			7		
									0		
	Task Total (Hours)		1	8	18	50	0	0	77	80	
	Task Total (Dollars)		\$315	\$2,240	\$3,420	\$8,500	\$0	\$0	\$14,475	\$14,500	\$46,000
4	Final Design (90%/100)										
									0		
	90% Design								0		
	Prepare Plan-Profile Sheets	4 additional (11 total)		4	12	40			56		
	Prepare Erosion Control Plans	2 additional (6 total)		1	2	4			7		
	Prepare Quantities and OPCC			2	3	3			8		
	QA/QC		1	2					3		
	Revisions per QA/QC			2	2	4			8		
									0		
	100% Design										
	Prepare Project Access and Easement Plan	2 additional Sheets		2	4	8			14		

	Prepare Plan-Profile Sheets	4 additional (11 total)		1	2	14			17		
	Prepare Erosion Control Plans	2 additional (6 total)			1	2			3		
	Prepare Quantities and OPCC			1	1	2			4		
	QA/QC		1	2					3		
	Revisions per QA/QC			1	2	4			7		
									6		
	Task Total (Hours)		2	18	29	81	0	0	136	140	
	Task Total (Dollars)		\$630	\$5,040	\$5,510	\$13,770	\$0	\$0	\$24,950	\$25,000	\$0
5	Easements and Permitting										
	Task Total (Hours)		0	0	0	0	0	0	0	0	
	Task Total (Dollars)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6	Bidding										
	Task Total (Hours)		0	0	0	0	0	0	0		
	Task Total (Dollars)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
7	Construction Contract Administration										
	Monthly Coordination Meetings and Notes/Observation	2 additional		6	6	8			20		
	Pay Application Review			2	2	4			8		
	Testing Report			1	1	2			4		
									0		
									0		
	Task Total (Hours)		0	9	9	14	0	0	32	30	
	Task Total (Dollars)		\$0	\$2,520	\$1,710	\$2,380	\$0	\$0	\$6,610	\$6,700	\$0
	KIMLEY-HORN TOTAL (Hours)		3	54	84	175	6	5	333		
	KIMLEY-HORN TOTAL (Dollars)		\$945	\$15,120	\$15,960	\$29,750	\$570	\$475	\$62,820	\$63,000	
	SUBCONSULTANT								\$46,000.00		
	Miscellaneous Direct Expenses								\$1,000.00		
	GRAND TOTAL								\$109,820.00	\$110,000	