

**THIRD AMENDMENT TO AGREEMENT BETWEEN
THE CITY OF LEAGUE CITY AND SANDER ENGINEERING CORP.**

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This Third Amendment ("Amendment") is entered into between the City of League City ("City") and Sander Engineering Corp ("Professional") on the date set forth below.

RECITALS

WHEREAS, the City and Professional entered into an Agreement ("Agreement") on or about August 28, 2019 whereby Professional agreed to provide certain design work related to League City Parkway West New Water Well and Ground Storage Tank Project (WT1910);

WHEREAS, the City and Professional entered into Change Order No. 1, on or about 03/15/2021, increasing the compensation by \$7,500 to cover costs associated with drainage analysis for the well and booster pump station site. The total compensation increased from \$465,000.00 to \$472,500.00;

WHEREAS, the City and Professional entered into Change Order No. 2, on or about 08/05/2021, increasing the compensation by \$12,261.00 to cover costs associated with surveying. The total compensation increased from \$472,500.00 to \$484,761.00;

WHEREAS, the City and Professional wish to amend the Agreement a third time to increase the total compensation under the Agreement by \$59,200.00 due to delayed time between original design work and construction budget approval. Plans will need to be revised, surveying updated and plans re-approved prior to funding availability in FY2027; and extend the termination date of the Agreement to September 30, 2027; and

WHEREAS, Professional has submitted a 6-page proposal for the additional work, which is attached and incorporated herein.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the parties hereby agree to the following terms:

TERMS:

1. The above-listed recitals are true and correct and hereby incorporated into this Amendment.
2. The total compensation under the Agreement is increased from \$484,761.000 to \$543,961.00.
3. The termination date under the Agreement extended from August 1, 2020 to September 30, 2027.
4. Except as expressly provided in this Amendment, all other terms, conditions, and provisions of the Agreement shall continue in full force and effect as provided therein.

Executed on _____ . *(date to be filled in by City Secretary)*

SANDER ENGINEERING CORP



Erik Miller, Vice President/Partner

CITY OF LEAGUE CITY

John Baumgartner, City Manager

ATTEST:

APPROVED AS TO FORM:

Diana Stapp, City Secretary

Office of the City Attorney



DENNIS W. SANDER, P.E.
President

ERIK D. MILLER, P.E.
Vice President

WILLIAM T. MANNING, JR., P.E.
Vice President

CONSULTING ENGINEERS - SURVEYORS
TEXAS BOARD OF PROFESSIONAL ENGINEERS FIRM NO. F-517
TEXAS BOARD OF PROFESSIONAL LAND SURVEYING FIRM NO. 10030300

2901 WILCREST, SUITE 550
HOUSTON, TEXAS 77042

713-784-4830
FAX 713-784-4052

February 28, 2025
Rev April 15, 2025

Mr. Anthony Talluto
Project Manager
Project Management
City of League city
300 W. Walker St.
League City, Texas 77573

Re: Change Order No. 3 - Design Update & Project Restart
League City Parkway West Booster Station & Well
City of League City

19-053A

Dear Mr. Talluto,

Sander Engineering Corporation ("SEC") submits this Amendment to update and complete the design, bid, and construction phases for the above referenced project. The original contract was executed in 2019 and design progressed to the 90% level in 2022, at which time, the project was placed on hold. The original engineering budget for the project was \$465,000. Two Change Orders were added to the project for detention at \$7,500 and platting at \$12,261 for a total engineering budget of \$484,761. The total invoiced at that time the project was placed on hold was \$356,074.40 (Invoice #8, dated April 20, 2022).

In January of this year, the project was reinitiated and we were requested to prepare Change Order No. 3 to our contract to update design and construction plans and subsequently proceed with the bid and construction phases of the project. We recently visited the site and found that League City Parkway has been improved from a two-lane road to a four-lane boulevard. Due to these improvements and the multi-year delay, we recommend that a new topographic survey be completed. In addition, there are costs associated with restarting the project after three years and increased payroll.

As part of completion of design plans and project manual, SEC will update or include security cameras, card readers for gate and doors, security type gate, install fiber optic conduit from control building to League City Parkway, coordination with TNMP on power supply and installation of transformer and pole including providing load analysis, consider concrete tank for ground storage tank, fire alarm system, coordinate and submit plans to Data Flow Systems for future SCADA system installation, and verify various plant equipment and components are specified in accordance with the City's Facilities Standardization Systems, updated January 2025 (attached).

Updated plans are to meet all Federal, State, and League City applicable building and code ordinances. SEC will update plans and project manual to a 90% level completion and submit pdf or half size plans, project manual, and cost estimate for City review and comments. Upon receipt of comments, SEC will complete documents to 100% level and work with City staff to receive finals approvals. SEC will work with City staff to receive building permit ready plans.

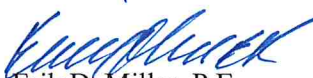
The following is a breakdown of the project tasks and the proposed increase per task to complete the project.

<u>Task</u>	<u>Description</u>	<u>Original Fee</u>	<u>Additional Fee</u>	<u>Amended Total</u>
1	Prel. Design	\$93,000.00	\$0.00	\$93,000.00
2	Final Design	\$190,000.00	\$25,000.00	\$215,000.00
2a	Topo Survey	\$50,216.00	\$12,950.00	\$63,166.00
2b	San. Control Esmt.	\$6,788.00	\$1,500.00	\$8,288.00
2c	Geotechnical Serv.	\$17,820.00	\$0.00	\$17,820.00
3	Bid Phase	\$20,576.00	\$0.00	\$20,576.00
4	Construction Phase	\$62,000.00	\$6,200.00	\$68,200.00
5	Testing	\$23,600.00	\$6,050.00	\$29,650.00
6	Reimbursable	\$1,000.00	\$0.00	\$1,000.00
7	Detention	\$7,500.00	\$2,500.00	\$10,000.00
8	Platting	\$12,261.00	\$5,000.00	\$17,261.00
Totals		\$484,761.00	\$59,200.00	\$543,961.00

SEC requests that the contract be amended and increased by \$59,200.00 to complete the project.

Please call if you have any questions.

Thank you,


Erik D. Miller, P.E.
Project Manager

League City Parkway West BP & Well
City of League City
2025 Amendment
Estimate of Probable Cost for the Engineering Proposal

Description	Unit	Quantity	Unit Price	Total
1 Mobilization/Insurance/Bonds	L.S.	1	\$198,187.98	\$198,187.98
2 SWPPP Source Controls	L.S.	1	\$10,000.00	\$10,000.00
3 Clearing, Grubbing, Site Preparation and Grading	L.S.	1	\$15,000.00	\$15,000.00
4 Storm Drainage System				
Swale	L.F.	865	\$8.00	\$6,920.00
Type A Inlets	Ea.	3	\$4,500.00	\$13,500.00
15" HDPE Culvert	L.F.	100	\$50.00	\$5,000.00
18" HDPE Culvert	L.F.	233	\$65.00	\$15,145.00
6" PVC Restrictor pipe incl grout fill inside 24" carrier pipe	L.F.	5	\$200.00	\$1,000.00
8" PVC Restrictor pipe incl grout fill inside 24" carrier pipe	L.F.	5	\$300.00	\$1,500.00
24" RCP Culvert	L.F.	90	\$110.00	\$9,900.00
Manhole	Ea.	1	\$7,500.00	\$7,500.00
Outfall Rip-Rap	L.S.	1	\$4,000.00	\$4,000.00
Detention pond	L.S.	1	\$65,000.00	\$65,000.00
5 16" Water Line	L.F.	700	\$135.00	\$94,500.00
6 24 x 16" T.S.&V @ LC Parkway	Ea.	1	\$20,000.00	\$20,000.00
7 Site Paving (7" concrete) + subgrade	S.Y.	1096	\$155.00	\$169,897.22
8 Access Road (7" concrete) + subgrade	S.Y.	1145	\$145.00	\$166,041.11
9 Booster Pumps, Piping, Valves, etc. include coatings	L.S.	1	\$420,000.00	\$420,000.00
10 Yard Piping, Valves, and Fittings	L.S.	1	\$250,000.00	\$250,000.00
11 Water Well (1,500 GPM)	L.S.	1	\$1,500,000.00	\$1,500,000.00
12 Well Discharge Header	L.S.	1	\$125,000.00	\$125,000.00
13 Control/ Booster Pump/Chemical Feed Bldg Structural	L.S.	1	\$200,000.00	\$200,000.00
14 Control Building Mechanical	L.S.	1	\$35,000.00	\$35,000.00
15 Generator Containment	L.S.	1	\$12,000.00	\$12,000.00
16 1 M GST Foundation	L.S.	1	\$215,000.00	\$215,000.00
17 1 M GST incl Coatings & Logo	L.S.	1	\$1,210,000.00	\$1,210,000.00
18 GST Piping	L.S.	1	\$120,000.00	\$120,000.00
19 GST Mixers	L.S.	1	\$175,000.00	\$175,000.00
20 Disinfection	L.S.	1	\$3,500.00	\$3,500.00
21 Chemical Feed Systems	L.S.	1	\$200,000.00	\$200,000.00
22 Bollards	Ea.	3	\$850.00	\$2,550.00
23 Chain Link Fencing	L.F.	1175	\$47.50	\$55,812.50
24 Slide Gate	L.S.	1	\$5,000.00	\$5,000.00
25 Pipe Gate	Ea.	1	\$3,500.00	\$3,500.00
26 Electrical				
MCC and ATS	L.S.	1	\$480,000.00	\$480,000.00
Conduits, Conductors etc	L.S.	1	\$240,000.00	\$240,000.00
Generator	L.S.	1	\$425,000.00	\$425,000.00
New Service Drop	L.S.	1	\$60,000.00	\$60,000.00
Autosensory Panel	L.S.	1	\$105,000.00	\$105,000.00
Building Lighting	L.S.	1	\$27,000.00	\$27,000.00
DFS SCADA System	L.S.	1	\$110,000.00	\$110,000.00
Area Lighting	L.S.	1	\$17,000.00	\$17,000.00
27 Site Restoration incl Regrading & Seeding	L.S.	1	\$5,000.00	\$5,000.00
Subtotal				\$6,804,453.81
Extra Unit Price Items				
28 Sound Wall for Well Construction	L.S.	1	\$100,000.00	\$100,000.00
29 Pilot Hole add	V.F	20	\$85.00	\$1,700.00
30 18" Casing add	V.F	20	\$200.00	\$4,000.00
31 12" Liner add	V.F	20	\$175.00	\$3,500.00
32 12" Screen add	V.F	20	\$420.00	\$8,400.00
33 10" Screen add	V.F	20	\$400.00	\$8,000.00
34 Drill Cut samples	Ea	1	\$20,000.00	\$20,000.00
35 Water samples	Ea	1	\$20,000.00	\$20,000.00
36 Concrete Wash Station	Ea.	1	\$400.00	\$400.00
37 Permits	L.S.	1	\$5,000.00	\$5,000.00
38 Traffic Control	L.S.	1	\$1,000.00	\$1,000.00
Subtotal Extra Unit Price Items				\$172,000.00
Allowance Items				
39 Electric Service Provider				\$40,000.00
40 SCADA Programming				\$60,000.00
41 Unforeseen conditions				\$50,000.00
Subtotal Allowance Items				\$150,000.00
Subtotal =				\$7,126,453.81
Contingencies (5%) =				\$356,322.69
Total				\$7,482,776.50

18 March 2025

Mr. Erik Miller, P.E. Sander Engineering, Inc.
2901 Willcrest, Suite 550
Houston, Texas 77042

Re: LEAGUE CITY PARKWAY WEST WATER PLANT PROPOSAL (+/- 17 acre site)

Dear Mr. Miller,

LANDTECH, INC. appreciates the opportunity to prepare this proposal for professional surveying services on the above-referenced project. Based on the recent information received we have prepared a scope of services and fee proposal level of effort (Exhibit A) following this proposal.

This proposal herein is a proposal for Professional Surveying services. Below is a scope of the services to be provided:

1. Survey Control

Recover existing control from previous work. Replace any missing or destroyed control points

Deliverables: Update Survey Control and three-point recovery swing ties in the topographic survey plan view deliverables; a separate survey control map is excluded.

2. Topographic Survey

- Review of previous Topographic survey of the +/- 17 acres area and include the following information:

- update 811 Texas one call and survey in related markings produced by the 811 request as well as verify any above ground observed utilities. Request public records for water/sewer and any other utilities.

- survey in new pavement for the road and sidewalk on the northern side of the +/- 17-acre site. New Cross-sections of League City Parkway at a 100 ft. interval, measure down/verify any inlets/manholes in roadway, verify any inverts on manholes/inlets within the public right-of-way.

Deliverables: CAD file (AutoCAD .dwg format) along with ASCII point file, DTM with 1-foot contours. New PDF deliverables for the Verification/Topo.

No construction phase services will be provided under this proposal.

No profile mapping will be performed under this proposal.

The Fee compensation for professional surveying services is a lump sum fee per itemized fee task as shown on Exhibit "A".

The Fee Compensation breakdown for each task is as follows:

VERIFY PREVIOUS TOPO SURVEY:	\$ 8,505.91
PROJECT CONTROL:	\$ 2,964.82
OTHER DIRECT EXPENSE:	\$ 302.70 (FIELD SUPPLIES, ETC.)

LANDTECH, INC. proposes to deliver the verified map within THIRTY (30) business days of the notice to proceed (weather and access permitting).

Please note, Landtech, Inc. will not survey in the back yards of adjoining subdivision lots. Updates or revisions to previously submitted 2-acre water plant site, access easement, Sanitary Control Easement and Subdivision Plat are excluded and can be provided by separate proposal if necessary. If it is determined that the spot elevations need to be updated due to changes in ground elevation we can provide a separate proposal for this effort.

We thank you for the opportunity to submit this Proposal. Should you have any questions, please do not hesitate to contact us.

TOTAL LUMP SUM COST FOR REQUESTED SERVICES:

\$11,773.43 (+tax if applicable)

Sincerely,



Jacob "Jake" J. Lupher, RPLS
TBPLS Firm 10019100

EXHIBIT A
LUMP SUM PAYMENT BASIS

PRIME PROVIDER: Sander Engineering
League City Pkwy West Watewr Plant +/- 17 Acres Verification Proposal

SUBPROVIDER: LANDTECH, INC.

SURVEYING BASIC SERVICES		ITEMIZED FEE SCHEDULE											
		CONTROL +/- 17-AC		BOUNDARY 17 AC.		TOPO 17 AC.							
Discipline	2025 Rate	Hours	Fee	Hours	Fee	Hours	Fee	Hours	Fee	Hours	Fee	Hours	Fee
Project Manager (RPLS)	\$242.16	1.0	\$242.16	0.0	\$0.00	2.0	\$484.32	0.0	\$0.00		\$0.00		\$0.00
Surveyor (RPLS)	\$233.30	1.0	\$233.30	0.0	\$0.00	6.0	\$1,399.80	0.0	\$0.00		\$0.00		\$0.00
Survey Technician	\$131.27	4.0	\$525.08	0.0	\$0.00	8.0	\$1,050.16	0.0	\$0.00		\$0.00		\$0.00
CADD Operator	\$134.15	2.0	\$268.30	0.0	\$0.00	11.0	\$1,475.65	0.0	\$0.00		\$0.00		\$0.00
Abstractor	\$109.27	0.0	\$0.00	0.0	\$0.00	0.0	\$0.00	0.0	\$0.00		\$0.00		\$0.00
Administrative/Clerical	\$95.98	1.0	\$95.98	0.0	\$0.00	1.0	\$95.98	0.0	\$0.00		\$0.00		\$0.00
2 - Person Survey Crew	\$200.00	8.0	\$1,600.00	0.0		20.0	\$4,000.00	0.0	\$0.00		\$0.00		\$0.00
3 - Person Survey Crew	\$245.00	0.0	\$0.00	0.0		0.0	\$0.00		\$0.00		\$0.00		\$0.00
Subtotal		17.0	\$2,964.82	0.0	\$0.00	48.0	\$8,505.91	0.0	\$0.00	0.0	\$0.00	0.0	\$0.00
		LUMP SUM										HOURS	FEES
												65.0	\$11,470.73

OTHER DIRECT EXPENSES						
DESCRIPTION	UNIT	QNTY	FIXED COST	MAXIMUM COST	CALCULATING COST	TOTAL
Air Travel - In State - Short Notice (Coach)	Rd Trip/Person					\$0.00
Mileage	mile	361		Current FED Rate	\$ 0.700	\$252.70
Parking	day			\$20.00		\$0.00
Meals (Overnight Stay Required)	day/person			Current Rate	\$ 59.00	\$0.00
Lodging/Hotel (Taxes and fees not included)	day/person			Current Rate	\$ 96.00	\$0.00
Lodging/Hotel - Taxes and fees	day/person			\$30.00	\$ 30.00	\$0.00
Environmental Field Supplies (lathes, stakes, flagging, spray paint, etc.)	day	1		\$150.00	\$ 50.00	\$50.00
Deed Copies	sheet	0		\$2.00	\$ 2.00	\$0.00
Photocopies B/W (8 1/2" X 11")	each			\$0.15		\$0.00
Photocopies B/W (11" X 17")	each			\$0.25		\$0.00
Total Direct Costs						\$302.70

LUMP SUM TOTAL	\$11,773.43
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