

**AMENDMENT NO. 1 TO THE AGREEMENT BETWEEN CITY OF LAWTON
AND ENGINEER FOR PROFESSIONAL SERVICES – PROJECT NO. PW2101**

**PROVIDE CONSTRUCTION QUALITY ASSURANCE AND GROUNDWATER
SERVICES**

This Amendment No. 1 is an agreement made as of the 12th day of March in the year two-thousand and twenty-four by and between the City of Lawton, Oklahoma, a Municipal Corporation, hereinafter referred to as “Owner” and Sterns, Conrad, and Schmidt Consulting Engineers (SCS Engineers), hereinafter referred to as “Engineer” amending the original agreement for the professional services dated September 13, 2022, for the

Design for Permitting, Engineering, and Construction Quality Assurance Services
for
City of Lawton Landfill Cells 6 & 7 Liner Construction

The OWNER now intends to include Construction Quality Assurance (CQA) and groundwater services for Project No. PW2101 – City of Lawton Landfill Cells 6 & 7 Liner Construction.

Now, therefore, that in consideration of the covenants, agreements, and representations hereinafter set forth, it is mutually agreed by the parties hereto that the agreement entered into by the parties on September 13, 2022, Exhibit “G” of Agreement is amended as follows:

The format for compensation shall be:

CQA and Groundwater Services Lump Sum/T&M

The proposed fee schedule for these services is as follows:

CQA Services.....\$320,840.00

Groundwater Services.....\$47,180.00

Amendment No. 1 Sub-Total Fee\$368,020.00

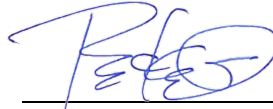
Original Contract Total Fee\$134,830.00

Proposed Contract Total Fee.....\$502,850.00

IN WITNESS WHEREOF, Owner and Engineer have executed this agreement.

DATED this _____ day of _____, 2024.

SCS Engineers
Engineer



Ryan Kuntz, Vice President

Attest:

Title
(AFFIX SEAL)

CITY OF LAWTON, OKLAHOMA
A Municipal Corporation

Stan Booker, Mayor

Attest:

Donalynn Blazek-Scherler, City Clerk

APPROVED as to form and legality on the _____ day of _____, 2024

Tim Wilson, City Attorney

I, Joe Don Dunham, Finance Director, of the City of Lawton, Oklahoma, do hereby certify that I have entered the amount of this encumbrance (\$_____) against the appropriated Account No.(_____) and after charging this encumbrance in the amount of \$_____, there is an unencumbered balance in said appropriated account of \$_____.

Dated this _____ day of _____, 2024

Joe Don Dunham, Finance Director

February 28, 2024
SCS Proposal No. 160027222

Mr. Larry Wolcott, P.E., CFM
Public Works Director
City of Lawton Public Works Administration
2203 SW 3rd Street
Lawton, OK 73501

Subject: Contract Amendment Request for Permitting, Engineering, and Construction Quality Assurance Services, PO 22302214
City of Lawton Landfill, DEQ Permit No. 3516015
Lawton, Comanche County, Oklahoma

Dear Larry:

As discussed and per your request, SCS Engineers (SCS) is pleased to provide this contract amendment request to City of Lawton Public Works Administration (City). This contract amendment request reflects a continuation of the subject scope of services, dated May 4, 2022 (revised May 16, 2022 and July 26, 2022) under City PO 22302214, and includes construction quality assurance (CQA) services for Cells 6 and 7 liner construction (Task 9) and groundwater services (new Task 10) at the City of Lawton Landfill (Landfill) located in Comanche County, Oklahoma and operating under Oklahoma Department of Environmental Quality (DEQ) Permit Number 3516015. In an effort to maintain consistency with our initial contract (PO 22302214), we have retained our initial task designations from our initial contract and updated the task designations for this contract amendment request. As such, in consideration of our initial contract, this contract amendment includes the following services:

- Task 9 – Cell 6/7 Liner CQA Services; and
- Task 10 – Groundwater Services.

Based on our understanding of the project objectives, we have developed the following scope of services for this contract amendment.

SCOPE OF SERVICES

The scope of services has been separated into the following additional tasks; the task numbering coincides with our initial contract for the subject services (Tasks 1 to 8). As such, the proposed additional services are represented by new subtasks associated with the initial contract tasks.

TASK 9 – CELL 6/7 LINER CQA SERVICES

For this task, SCS will perform the CQA activities required by the current permit conditions and CQA Plan for soil and geosynthetic materials, which involves the construction of approximately 19.0 acres of lined landfill area. The composite liner system will consist of subgrade, 60-mil HDPE geomembrane, 250-mil HDPE geocomposite, and 1-foot thick protective cover.

SCS will assign a CQA Manager (CQAM) to handle the scheduling and management of SCS field personnel and laboratory testing, assist in the review of project submittals, review and approve

Manufacturer's Quality Control (MQC) certifications and laboratory test results, and assist in the preparation of the Liner Installation and Testing (LIT) Report. A Certifying Engineer (CE) will also be assigned to the project. This individual will review the progress of the work, review field reports, laboratory data and files, review and approve submittals and applications for payment from the Contractor, make site visits to observe the progress of construction, and certify the LIT. The CE will keep the City informed with the progress of the work. Any problems or conflicts which may arise during the project will be brought to the attention of the CE. This person will also be a licensed professional engineer in the State of Oklahoma.

SCS will subcontract laboratory services for this project. Test results from both labs will be sent to the CQAM/CE to ensure that all are in compliance with the landfill permit and technical specifications. Geomembrane destructive sample test results are required within 24 hours of laboratory arrival.

Liner CQA, as outlined by SCS, is subdivided into six (6) subtasks, as follows:

1. CQA Expenses
2. CQA Field Services
3. CQA Lab Testing
4. Construction-Phase Engineering Services
5. Liner Installation and Testing Report
6. CQA Surveying Services

These services will be performed on a lump sum basis. Circumstances which can affect this proposed amount include the following:

1. Changes in scope of work;
2. Weather delays beyond that deemed normal bad weather days; and
3. Contractor delay caused by no fault of SCS.

Subtask 9.1 – CQA Expenses

This subtask includes CQA monitor expenses anticipated to be incurred during the project. It is assumed that SCS' CQA Monitor will be needed during placement of structural fill, installation of geosynthetics and leachate collection system, including leachate forcemain system, construction of access road, and construction of interim and perimeter drainage system. Based on an estimate of construction quantities, it is anticipated that the Lead CQA Monitor will be required to be onsite for approximately 175 days (25 weeks based on a 6-day work week), and a second CQA monitor will be required onsite for up to 5 weeks during geosynthetics installation.

Our fee estimate for this subtask is based on the following anticipated expenses.

Description	Units	Duration	Cost per Unit	Total Cost
Field Mob/Demob*	EA Trip	6	\$2,000.00	\$12,000.00
Vehicle Mileage*	T&M	1	\$3,500.00	\$3,500.00
Lodging/Per Diem*	Weeks	30	\$1,400.00	\$42,000.00
Troxler Rental	Weeks	15	\$90.00	\$1,350.00
Troxler Gage Reciprocity	EA	1	\$2,350.00	\$2,350.00
FedEx/Shipping	T&M	NA	\$4,000.00	\$4,000.00
Subtask 9.1 Subtotal:				\$65,200.00

*Includes time/travel/expenses for second technician added through geosynthetic installation for an estimated duration of 5 weeks.

Subtask 9.2 – CQA Field Services

This subtask includes the field CQA services required to install the complete lining system for the project. The Lead CQA Monitor will be responsible for conducting all CQA field testing and sampling, preparing daily construction reports, recording and distributing project meeting minutes, forwarding field documentation to the SCS office for computer data entry and keeping the City and CQAM/CE informed as to the status of the project. Additionally, we have assumed that a second CQA Monitor will be needed during installation of the geosynthetics.

Our fee estimate for this subtask is based on the following anticipated labor hours.

Description	Units	Duration*	Cost per Unit	Total Cost
Lead CQA Monitor	Hour	1,340	\$75.00	\$100,500.00
CQA Monitor	Hour	300	\$75.00	\$22,500.00
Subtask 9.2 Total:				\$123,000.00

*SCS has assumed five (5), eight (8) hours days per week for 8 weeks during excavation, six (6), ten (10) hour days per week for 17 weeks of Lead CQA Monitor, and a second CQA Monitor for six (6), ten (10) hour days per week for 5 weeks during geosynthetics installation.

Subtask 9.3 – CQA Laboratory Testing

This subtask includes the laboratory testing for the project. Included in this task is all the geotechnical and geosynthetic testing currently anticipated for the project. Email test results will be required from the lab upon completion of any testing. Emails will be sent to the Lead CQA monitor and the CQAM/CE. Final test results required for the documentation report will be sent directly to the CE. A summary of pre-construction and construction testing requirements is provided in the following tables.

Table 1 – Summary of Pre-Construction Testing

Test Method	Frequency	Tests Required	Cost per Test	Cost
Pre-Construction – Subgrade/General Fill ¹ :				
Moisture-Density Relationship (ASTM D698)	1 per soil type/ minimum 1 per borrow source	2	\$195.00	\$ 390.00
Subtotal:				\$ 390.00
Pre-Construction – Protective Cover ¹ :				
Hydraulic Conductivity (ASTM D2434)	1 per soil type/ minimum 1 per borrow source	1	\$313.00	\$ 313.00
Subtotal:				\$ 313.00
Pre-Construction – Compacted Clay Liner ¹ :				
Gradation (ASTM D422 and D1140)	1 every 10,000 cy per lift/ change in material type	7	\$83.00	\$ 581.00
Atterberg Limits (ASTM D4318)		7	\$83.00	\$ 581.00
Moisture-Density Relationship (ASTM D698)		7	\$195.00	\$1,365.00
Hydraulic Conductivity (ASTM D5084)		7	\$313.00	\$2,191.00
Re-compaction of soil specimen	EA	7	\$89.00	\$ 623.00
Subtotal:				\$5,341.00
Pre-Construction – Drainage Aggregate ¹ :				
Gradation (ASTM C136 or C117)	1 test per source	2	\$83.00	\$ 166.00
Carbonate Content (J&L Test Designation S-105-89 or D3042)		2	\$266.00	\$ 532.00
Subtotal:				\$ 698.00
Total Cost for Pre-Construction Testing of Materials:				\$6,742.00

Table 2 - Summary of Construction Testing

Test Method	Frequency	Tests Required	Cost per Test	Cost
Conformance – Protective Cover				
Hydraulic Conductivity (ASTM D2434)	1/1,600 cy of material placed on the floor	4	\$313.00	\$1,252.00
			Subtotal:	\$1,252.00
Conformance – Compacted Clay Liner				
Gradation (ASTM D422 or D1140)	1/10,000 sf per 6" lift	7	\$83.00	\$ 581.00
Atterberg Limits (ASTM D4318)		7	\$83.00	\$ 581.00
Hydraulic Conductivity (ASTM D5084)	2 per acre for top 12 inches of floor liner; 1 per acre for top 12 inches of sidewall liner	38	\$313.00	\$11,894.00
			Subtotal:	\$13,056.00
Conformance – Geomembrane:				
Density (ASTM D792/D1505)	1/100,000 sf /lot	14	\$42.00	\$ 588.00
Carbon Black Content (ASTM D1603)		14	\$54.00	\$ 756.00
Thickness (ASTM D5199/D5994)		14	\$34.00	\$ 476.00
Tensile Properties (ASTM D6693)		14	\$82.00	\$1,148.00
Carbon Black Disp. (ASTM D5596)		14	\$65.00	\$ 910.00
In-Plant Geosynthetic Sampling		14	\$89.00	\$1,246.00
Destruct Samples (ASTM D4437)		110	\$55.00	\$6,050.00
			Subtotal:	\$11,174.00
Conformance – Geocomposite:				
Transmissivity (ASTM D4716)	1 per product/project	1	\$590.00	\$ 590.00
Ply Adhesion (ASTM D413)		1	\$82.00	\$ 82.00
In-Plant Geosynthetic Sampling		1	\$89.00	\$ 89.00
			Subtotal:	\$ 761.00
			Total Cost for Construction Testing of Materials:	\$26,243.00
			Subtask 9.3 Total:	\$32,985.00

1. Assumed testing of one borrow source for subgrade/general fill, one borrow source for clay, and one source for drainage aggregate. Please note that only the actual number of tests performed during the project will be billed.

2. *Types and frequency of testing taken from the site's Quality Assurance Plan, prepared by SCS Engineers in May 2023.*

Subtask 9.4 – Construction-Phase Engineering Services

This subtask includes the construction-phase engineering services, which will include project management and construction oversight.

The CQAM will be responsible for the overall operations of the project. This will include handling the scheduling and management of SCS field personnel and laboratory testing, assist in the review of project submittals, review and approve Manufacturer's Quality Control (MQC) certifications and laboratory test results, and assist in the preparation of the documentation report.

The CE will be responsible for general construction-phase services and verifying that the project is being performed in accordance with the Contract Documents. This individual will make sufficient visits to the site to be familiar with the work and to review the documentation process. The CE will, upon completion of the project, certify that the work does meet the Contract Documents, including construction plans and technical specifications. The CE also will assist in the preparation of the LIT Report, and certify and sign/seal the report following receipt of comments from the City. The CE is a licensed professional engineer licensed in the State of Oklahoma. In addition, the CE or representative thereof will also perform the general construction-phase CQA services, which will include the following services:

- Telephone calls among the City, Contractor, and/or SCS' CQA team to answer questions and resolve issues.
- Review and respond to all contractor submittals and requests-for-information or clarifications.
- Coordinate interpretations of construction plans and specifications.
- Maintain files for correspondence, photographs, requests-for-information or clarifications, submittal responses, and other construction project related documentation.
- Review and evaluate Contractor change order proposals (if any), pay applications, and final verification for measurement and payment, if requested by Owner.
- Administer progress meetings. Progress meetings will be documented by distribution of meeting minutes. Progress meetings will be attended by the CE by telephone to be familiar with the progression and certification of work being completed.

The CE will attend the pre-construction meeting in person. This meeting will be used to introduce relevant parties, review the construction schedule, and perform a site tour to familiarize all parties to the site. Additionally, the CE, or a representative thereof, will perform up to eleven (11) site visits, including the pre-construction meeting, three (3) council meetings during construction, if needed or requested by the City, to report on construction progress, and inspections at important milestones during the project, which will be scheduled around construction progress meetings. Additionally, the CE, or a representative thereof, will attend the final walkthrough and prepare a punch list for remaining items to be completed by the Contractor.

Our fee estimate for this subtask is based on the following anticipated labor hours and expenses.

Description	Unit	Quantity	Rate per Unit	Cost
CE (Project Manager II) ⁽¹⁾	Hour	80	\$195.00	\$15,600.00
CQAM (Project Manager I) ⁽¹⁾	Hour	52	\$185.00	\$9,620.00
Staff Professional (SP I) ⁽¹⁾	Hour	71	\$125.00	\$8,875.00
Office Services Manager	Hour	7	\$120.00	\$ 840.00
Site Visits ⁽²⁾	Each	11	\$1,200.00	\$13,200.00
Allowance ⁽²⁾	Each	1	\$1,500.00	\$1,500.00
Subtask 9.4 Total:				\$49,635.00

Notes:

1. SCS has assumed up to five (5) hours per week combined, over a 25-week period, for construction oversight by the CE, CQAM, and SP.
2. Site visits will be performed by CE, CQAM, or SP, and include up to 7 hours per visit, including travel time and onsite time. An additional 3 trips have been included for the CE to attend council meetings during cell construction.
3. Allowance budget is included to cover CE, CQAM, SP I, and OSM billing rate increases starting April 1, 2024.

Subtask 9.5 – Liner Installation and Testing Report

In accordance with OAC 252:515-11-6, SCS will prepare one Liner Installation and Testing (LIT) Report for the project. This report is a culmination of all the field and laboratory aspects of the project and, consistent with DEQ requirements will include the following information:

- Narrative describing the construction, test methods, and results;
- Field reports, field, and laboratory test results;
- Material manufacturer's data;
- Pertinent information regarding design changes/permit modifications;
- Personnel resumes involved with the project;
- QA/QC documentation;
- Survey drawings and documentation; and
- Certification of final construction.

A draft report will be submitted for review within 14 days following the receipt of the verification drawings from the surveyor. Upon receiving comments from the City, SCS will finalize the report and submit one (1) copy to DEQ for approval, three (3) to the City for recordkeeping purposes, and one (1) to be retained by SCS.

Subtask 9.6 – CQA Surveying Services

SCS will subcontract Topographic to provide the necessary CQA surveying during the course of construction. Topographic will develop the necessary record drawings required for the LIT submittal to

DEQ, as well as provide as-built surveys to SCS for calculation of measurement and payment quantities, and includes the following services:

1. Establish/set temporary benchmarks onsite near the construction area.
2. Certification Surveys for the following at a frequency of 1 per 10,000 square feet (100' x 100' certification grid) or more frequent for grade changes (toe/top of slopes) and leachate collection trench, chimney drains, and sump:
 - Subgrade;
 - Top of Compacted Clay Liner; and
 - Top of Protective Cover and Leachate Collection System.

During certification surveys, minimum tolerances and layer thickness for clay liner and protective cover layers will be confirmed. Up to three (3) visits per layer are assumed for certification surveys, as shown in our fee estimate for this task below.

3. Geomembrane As-built Survey, which will include the geomembrane panel seams (corners/Pls of panels), repairs, and destructive seam test locations. Up to two (2) visits for preparation of the geomembrane as-built survey is assumed in our fee estimate for this task below.
4. Additional as-built surveys for the following for verification of measurement and payment quantities for the project:
 - Excavation outside of liner limits;
 - Rip rap installation;
 - Drainage culvert installation;
 - Limits of erosion control blanket;
 - Limits of seeding, fertilizer, and mulching;
 - Electrical line installation (to be surveyed with the use of witness pipes);
 - Forcemain installation (to be surveyed with the use of witness pipes); and
 - Final grade of road surface improvements.

Up to two (2) visits for preparation of the as-built surveys are assumed in our fee estimate for this task below.

5. Prepare the following three (3) drawings (to be sealed by R.P.L.S.) for inclusion in the LIT prepared by SCS and associated CAD files:
 - Top of clay liner, showing subgrade elevation and top of clay at each of the grid points.
 - Top of protective cover, showing top of clay and top of protective cover/leachate trench aggregate at each of the grid points.
 - Geomembrane panel layout, including the locations of all:
 - Panels
 - Seams
 - Repairs
 - Destructive seam testing
 - Topographic survey of complete excavation, top of protective cover, and associated as-built information in AutoCAD format.

Each survey visit assumes the use of a 2-man survey crew for up to 8 hours/visit, including travel to/from the site, and follow-up office work to process field data for each visit.

All surveys will be prepared with horizontal control based on the Oklahoma state plane coordinate system (NAD 83) and vertically in mean sea level (NAVD 88) based on local monuments.

Our total fee estimate for Task 9 is **\$320,840.00**.

TASK 10 – GROUNDWATER SERVICES

For this task SCS will provide services to the City associated with updates to the current groundwater monitoring system consistent with permit conditions and DEQ regulations. These updates will include updating the Groundwater Sampling and Analysis Plan (GWSAP), converting two piezometers (PZ-4 and PZ-5) to monitoring wells, performing background monitoring on PZ-4 and PZ-5, and the removal of a damaged piezometer (PZ-6).

The proposed services for updates to groundwater monitoring system has been subdivided into four (4) subtasks, as follows:

1. GWSAP Updates;
2. Converting Piezometers (PZ-4 and PZ-5) to Monitoring Wells;
3. Background Monitoring of PZ-4 and PZ-5 (4 Events); and
4. Decommissioning of Damaged Piezometer (PZ-6).

Subtask 10.1 – GWSAP Updates

SCS will update the GWSAP to add piezometers PZ-4 and PZ-5 to the groundwater monitoring network. These new monitoring points are intended to monitor groundwater within the vicinity of Cells 6 and 7. Upon addressing any comments from the City, the updated GWSAP will be finalized and copies transmitted to the City and the DEQ. Our fee includes addressing any routine minor comments from the DEQ requiring less than 4 hours.

Subtask 10.2 – Converting Piezometers (PZ-4 and PZ-5) to Monitoring Wells

For this subtask SCS will convert piezometers PZ-4 and PZ-5 to monitoring wells. This will be accomplished by installing proper monitoring well identification labels to comply with OAC 252:515-7-3. Additionally each piezometer will be developed through purging. In the event that the piezometer has been silted-in, the well will be redeveloped utilizing jetting methods. Jetting the piezometer would include using a jet pump to introduce potable water into the screened interval to remove any fines or silts that have accumulated since installation.

Subtask 10.3 – Background Monitoring of PZ-4 and PZ-5 (4 events)

With the addition of the two new monitoring wells (PZ-4 and PZ-5), four (4) quarterly rounds of background will need to be obtained prior to including these wells within the groundwater monitoring network. It is anticipated that the piezometers will be converted to monitoring wells within the third quarter 2023 and will require two rounds of background sampling during 2023 and two quarterly rounds of background in 2024.

Analytical data collected during the first two background events will be included in the second half 2023 Groundwater Monitoring Report and all four events will be included in the first half 2024

Groundwater Monitoring Report. Samples from the monitoring wells (PZ-4 and PZ-5) will be sampled and analyzed for the constituents listed in OAC 252:515-9-31(d) and as detailed in the updated GWSAP.

Quality control/quality assurance (QA/QC) sample will include four samples consisting of one duplicate, one field blank, one equipment blank, and a trip blank. The duplicate, field blank, and equipment blank will be sampled for groundwater sampling parameters and the trip blank will be tested for volatile organic compounds (VOCs).

Subtask 10.4 – Decommissioning of Damaged Piezometer (PZ-6)

It is SCS' understanding that piezometer PZ-6 was damaged and needs to be decommissioned. In addition to being damaged the piezometer should be removed to comply with regulation OAC 252:515-7-71(b) which states that all piezometers and monitoring wells that will not become part of the groundwater monitoring system shall be plugged in accordance with the requirements of the OWRB.

Prior to performing any field work at the Landfill, SCS will prepare a Work Plan for submittal to the DEQ that details the decommissioning of damaged piezometer PZ-6. Field work will not be initiated until approval is granted by the DEQ.

A SCS geologist will oversee and document the decommissioning of the piezometer PZ-6. Decommissioning will be performed in accordance with the "EPA Handbook of Suggested Practices for Design and Installation of Groundwater Monitoring Wells". The decommissioning for the piezometer will be accomplished by pulling the PVC casing from the borehole. The piezometer will then be over drilled to the depth of installation and backfilled to the surface utilizing bentonite/Portland grout. A tremmie pipe will be utilized to ensure that the piezometer is grouted from total depth to ground surface. SCS will record the depth drilled and the amount of bentonite chips utilized during decommissioning.

Once all field work has been completed, a draft decommissioning report will be prepared for the City's review and approval. Upon addressing any comments from the City, the decommissioning report will be finalized and copies transmitted to the City and the DEQ. Our fee includes addressing any routine, minor, comments from the DEQ.

Our fee estimate for this subtask is based on the following.

Description	Cost	Fee Basis
Drilling Plan for Submittal to DEQ	\$1,950.00	LS
SCS Field Oversight	\$3,900.00	LS
Drilling Subcontractor	\$9,200.00	LS
Decommissioning Report for Submittal to DEQ	\$2,020.00	LS
Subtask 10.4 Total:	\$17,070.00	

Our total fee estimate for Task 10 is **\$47,180.00**.

PROJECT FEE AND SCHEDULE

SCS proposes to perform Tasks 1 through 8, Subtasks 9.5, 9.6, and Task 10 on a lump sum basis and Subtasks 9.1 through 9.4 on a unit price/T&M basis for the fee estimates summarized in the table below. T&M services will be performed consistent with our attached fee schedule or unit rates for Task 9 services.

Task	Description	Current Fees	Amended Fee with Contract Amendment	New Fee	Fee Basis
1	Aerial Mapping Services	\$16,330.00	\$0.00	\$16,330.00	LS
2	Preparation of Landfill Airspace Assessment	\$7,500.00	\$0.00	\$7,500.00	LS
3	Preparation of Updated Closure-Post Closure and Life of Site (LOS) Estimates	\$1,700.00	\$0.00	\$1,700.00	LS
4	Preparation of a Tier I Permit Modification	\$12,000.00	\$0.00	\$12,000.00	LS
5	Preparation of Cell 6/7 Construction Plans, Specifications, and Bid Documents	\$58,800.00	\$0.00	\$58,800.00	LS
6	Bid-Support Services	\$6,500.00	\$0.00	\$6,500.00	LS
7	Preparation of Conceptual Site Layout for Citizen's Convenience Station	\$23,000.00	\$0.00	\$23,000.00	LS
8	Response to DEQ	\$9,000.00	\$0.00	\$9,000.00	LS
9	Cell 6/7 Liner CQA Services				
9.1	CQA Expenses	\$0.00	\$65,100.00	\$65,100.00	T&M
9.2	CQA Field Services	\$0.00	\$123,000.00	\$123,000.00	T&M
9.3	CQA Laboratory Testing	\$0.00	\$32,985.00	\$32,985.00	T&M
9.4	Construction-Phase Engineering Services	\$0.00	\$49,635.00	\$49,635.00	T&M
9.5	Liner Testing and Installation Report	\$0.00	\$15,020.00	\$15,020.00	LS
9.6	CQA Surveying Services	\$0.00	\$35,100.00	\$35,100.00	LS
10	Groundwater Services				
10.1	GWSAP Updates	\$0.00	\$5,100.00	\$5,100.00	LS
10.2	Converting Piezometers PZ-4 and PZ-5 to Monitoring wells	\$0.00	\$3,500.00	\$3,500.00	LS
10.3	Background Monitoring of PZ-4 and PZ-5 (4 Events)	\$0.00	\$21,500.00	\$21,500.00	LS
10.4	Decommissioning of Damaged Piezometer PZ-6	\$0.00	\$17,070.00	\$17,070.00	LS
Total Fee for FY2022-2024:		\$134,830.00	\$368,020.00	\$502,850.00	

Mr. Larry Wolcott, P.E.

February 28, 2024

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CLOSING

SCS appreciates the opportunity to provide this proposal for your consideration. If you have any questions, please contact Sandeep Saraf, P.E. at (407) 923-7013.

Sincerely,



Sandeep Saraf P.E.
Senior Project Manager
SCS ENGINEERS



Ryan Kuntz, P.E.
Vice President/Satellite Office Manager
SCS ENGINEERS

Attachments: SCS Fee Schedule

SCS ENGINEERS

SCS ENGINEERS FEE SCHEDULE

(Effective April 1, 2023 through March 31, 2024)

Labor Category	Rate/Hour (\$)
Business Unit Director	250
Project Advisor.....	240
Satellite Office Manager	240
Project Director II.....	230
Project Director I.....	215
Project Manager II	195
Project Manager I	185
CQA Manager.....	175
Project Professional III	175
Project Professional II	150
Project Professional I	145
Staff Professional III	135
Staff Professional II.....	130
Staff Professional I.....	125
Associate Staff Professional.....	110
CAD Designer.....	135
CAD Draftsperson.....	90
Office Service Manager.....	120
Secretarial/Clerical	80
Sr. Technician	110
Technician.....	100
CQA Technician.....	80

1. The hourly rates are effective through March 31, 2024. Work performed thereafter is subject to a new Fee Schedule issued for the period beginning April 1, 2024. Consistent with federal regulations, a factor of 150% will be applied to overtime hours for field personnel.
2. The above rates include salary, overhead, administration, and profit. Other direct expenses, such as analyses of air, water and soil samples, reproduction, travel, subsistence, subcontractors, long distance telephone, computers, etc., are billed at actual cost plus 15 percent. Vehicle mileage is billed at \$0.77 per mile for autos and \$0.87 per mile for company trucks. Daily rates apply on long-term projects.
3. Invoices will be prepared monthly for work in progress unless otherwise agreed. Invoices are due and payable upon receipt.
4. Payment of SCS Invoices for services performed will not be contingent upon the client's receipt of payment from other parties, unless otherwise agreed. Client agrees to pay legal costs, including attorney's fees, incurred by SCS in collecting any amount past due and owing on client's account.
5. For special situations, such as expert court testimony and limited consultation, hourly rates for principals of the firm will be on an individually-negotiated basis.