

SUPPLEMENTAL AGREEMENT No. 1

Between

BOARD OF COUNTY COMMISSIONERS, DESOTO COUNTY, FLORIDA

And

SCS ENGINEERS, INCORPORATED

For

PHASE 2 COUNTY LANDFILL ZONES 6 AND 7 EXPANSION

Pursuant to the provisions contained in the Professional Services Agreement between the **BOARD OF COUNTY COMMISSIONERS, DESOTO COUNTY, FLORIDA**, a political subdivision of the State of Florida ("County") and **SCS ENGINEERS, INCORPORATED**, a Corporation authorized to do business in the State of Florida ("Consultant") for Professional Engineering Services pursuant to **Request for Qualifications No. 26-08-00RFQ** (hereinafter referred to as the "Professional Services Agreement") dated April 8, 2026, this Supplemental Agreement (hereinafter referred to as "Supplemental Agreement") authorizes the Consultant to provide the services as set forth below:

SECTION 1 INCORPORATION OF PROFESSIONAL SERVICES AGREEMENT

- 1.1 All terms and conditions of the Professional Services Agreement between the County and the Consultant dated April 8, 2026, not specifically modified by this Supplemental Agreement shall remain in full force and effect and are incorporated into and made a part of this Supplemental Agreement by this reference as though set forth in full.

SECTION 2 CONSULTANT'S BASIC DUTIES TO COUNTY

2.1 SCOPE OF SERVICES

- 2.1.1 By executing this Supplemental Agreement, the Consultant represents to the County that the Consultant is professionally qualified to act as the Consultant for the scope of services as more particularly set forth in Exhibit "1" (hereinafter referred to as "the Scope of Services" or "Project") and is licensed to practice engineering by all public entities having jurisdiction over the Consultant and the Project. The Consultant further represents to the County that the Consultant will maintain all necessary licenses, or other authorizations necessary to act as Consultant for the Project until Consultant's duties hereunder have been completed. The Consultant shall be responsible for providing all necessary subconsultants required for the successful completion of the work as outlined in EXHIBIT "1," Scope of Services. The Consultant assumes full responsibility to the County for the improper acts, negligence, and omissions of its subconsultants and of all

others employed or retained by the Consultant in connection with the Project.

2.2 SERVICE SCHEDULE

2.2.1 Upon receipt of the Notification to Proceed (NTP), the Consultant shall commence services to the County on the date set forth in the NTP (the "Commencement Date"), and shall continuously perform services to the County, without interruption, in accordance with the time frames set forth in any agreed upon project schedule ("Project Schedule"). The number of calendar days from the Commencement Date, through the date set forth in the Project Schedule for completion of the Project or the date of actual completion of the Project, which ever shall last occur, shall constitute the Contract Time or Project Completion Date.

SECTION 3 BASIS OF COMPENSATION

- 3.1 The County shall compensate the Consultant for an amount not to exceed **One Million Seven Hundred Eighty-Seven Thousand Thirty-Six Dollars and Thirty Cents (\$1,787,036.30)** based on services rendered pursuant to Section 2.1 and **EXHIBIT "1,"** Scope of Services, of this Supplemental Agreement.
- 3.2 There are no reimbursable expenses associated with this Supplemental Agreement. In the event Consultant seeks reimbursable expenses, prior written approval by the County shall be required.

SECTION 4 TERM

- 4.1 This Supplemental Agreement shall commence on the date this instrument is fully executed by all parties and shall continue in full force and effect until the Project Completion Date, unless otherwise terminated pursuant to Section 8.1 or 8.2.

SECTION 5 TERMINATION

5.1 TERMINATION FOR CAUSE

5.1.1 This Supplemental Agreement may be terminated by either party upon seven (7) days' written notice to the other should such other party fail substantially to perform in accordance with its material terms through no fault of the party initiating the termination. In the event of a termination for cause, the Consultant shall be entitled to receive compensation for any work completed pursuant to the Supplemental Agreement to the satisfaction of the County through the date of termination, less any amounts which the County reasonably deems necessary to withhold in order to correct any defects or deficiencies in the work performed by the

Consultant. In no event shall the County pay for profit or overhead on work not performed.

5.2 TERMINATION FOR CONVENIENCE

5.2.1 This Supplemental Agreement may be terminated by the County without cause upon ten (10) days' written notice to the Consultant. In the event of such a termination without cause, the Consultant shall be compensated for all services completed pursuant to this Supplemental Agreement to the satisfaction of the County up to and through the date of termination. In such event, the Consultant shall promptly submit to the County its invoice for final payment, which invoice shall comply with the provisions of Article 5 of the Professional Services Agreement.

5.3 Assignment Upon Termination. Upon termination of this Supplemental Agreement, the work product of the Consultant shall become the property of the County and the Consultant shall within ten (10) working days of receipt of written direction from the County, transfer to either the County or its authorized designee, all work product in its possession, including but not limited to, designs, specifications, drawings, studies, reports and all other documents and data in the possession of the Consultant pertaining to this Supplemental Agreement. Upon the County's request, the Consultant shall additionally assign its rights, title and interest under any subcontractor's agreements to the County. All work product provided under this Section shall be used solely for its intended purpose.

SECTION 6 SEVERABILITY

6.1 If any term or provision of this Supplemental Agreement or its application thereof to any person or circumstance shall, to any extent, be held invalid or unenforceable, the remainder of this Supplemental Agreement or the application of such terms or provisions to persons or circumstances other than those to which it is held invalid or unenforceable, shall not be affected, and every other term and provision of this Supplemental Agreement shall be deemed valid and enforceable to the extent permitted by law.

IN WITNESS WHEREOF, the parties have executed this Supplemental Agreement as of the _____ day of _____, 2026.

[SIGNATURE PAGES TO FOLLOW]

ATTEST:

**BOARD OF COUNTY COMMISSIONERS
DESOTO COUNTY, FLORIDA**

By: _____
Mandy Hines
County Administrator

By: _____
Steve Hickox
Chairman

BoCC Approved: _____

Approved as to form and
Legal sufficiency:

Valerie Vicente
County Attorney

Date: _____

WITNESSES:

SCS ENGINEERS, INCORPORATED

By: _____

Printed Name: _____

Its: _____

EXHIBIT 1

July 17, 2026
File No. OP090911.25

Cindy Talamantez, CPPO, CPPB
Purchasing Director
DeSoto County Board of County Commissioners
201 East Oak Street, Suite 203
Arcadia, Florida 34266

Subject: 26-08-00 Request for Qualifications
Phase 2 Proposal for DeSoto County Landfill Zones 6 and 7 Expansion
Arcadia, Florida

Dear Cindy:

DeSoto County (County) aims to develop an expansion to the existing Class I landfill area within the property boundary of the DeSoto County Section 16 Landfill site referred to as Zones 6 and 7 (Project). Zone 6 is anticipated to be approximately 7.4 acres and Zone 7 to be roughly 10.0 acres, for a total Project of 17.4 acres. SCS Engineers (SCS) is pleased to submit this scope of work for Phase 2 of the Project.

PROJECT BACKGROUND

SCS is finalizing Phase 1 of the Project, with a Notice To Proceed (NTP) date of April 14, 2026, which includes the Tasks identified below.

- Task 1 - Project Initiation and Communication
 - Task 1.1 - Review Existing Documentation
 - Task 1.2 - Ecological Survey and Wetlands Delineation Services
- Task 2 - Kick-off Meeting/Basis of Design Workshop
 - Task 2.1 - Kick-off Meeting
 - Task 2.2 - Basis of Design Workshop
- Task 3 - Pre-application Meeting with FDEP Solid Waste Department
- Task 4 - Pre-application Meeting with FDEP Stormwater Department
- Task 5 - Field Activities
 - Task 5.1 - Aerial Site Survey
 - Task 5.2 - Site Investigation
 - Task 5.2.1 - Geotechnical Investigation and Laboratory Services
 - Task 5.2.2 - Hydrogeological Investigation
 - Task 5.2.3 - Ecological Survey and Wetlands Delineation Services

Per the agreement between SCS and the County, another scope of work and fee is required to be approved by the County prior to SCS initiating Phase 2 of the Project.

PROJECT UNDERSTANDING

Following completion of the key items in Phase 1 identified above and based on the decisions made during the design workshop conducted by the County and SCS on June 3, 2026, future Phases for the Project have been identified. Additionally, to expedite permitting and construction of a new landfill cell, the County decided during the design workshop to permit and construct Zones 6 and 7 separately. The anticipated Phases of the Project have been broken down by tasks and will now be as follows:

Phase 2 - Zone 6 and Zone 7 Design and Permit

- Task 1 - Project Initiation and Communication (additional effort required)
- Task 5 - Field Activities (additional effort required)
- Task 6 - Utility Corridor Design
- Task 7 - Solid Waste Permit Modification Application Zones 6 and 7
- Task 8 - ERP Permit Application Zones 6 and 7
- Task 9 - Bid Support Services Zone 6
- Task 10 - Additional Ecological Surveys and Field Activities Prior to Zone 6 Construction

Future tasks not defined at this time include the following:

Phase 3 - Construction Phase Services Zone 6

- Task 11 - Construction Phase Services Zone 6
- Task 12 - Material and Laboratory Services Zone 6
- Task 13 - Solid Waste Certification of Construction Completion Zone 6
- Task 14 - ERP Certification of Construction Completion Zone 6

Phase 4 - Construction Phase Services Zone 7

- Task 15 - Wetland Mitigation Activities Zone 7
- Task 16 - Bid Support Services Zone 7
- Task 17 - Additional Ecological Surveys and Field Activities Prior to Zone 7 Construction
- Task 18 - Construction Phase Services Zone 7
- Task 19 - Material and Laboratory Services Zone 7
- Task 20 - Solid Waste Certification of Construction Completion Zone 7
- Task 21 - ERP Certification of Construction Completion Zone 7

SCOPE OF SERVICES

This scope of work, assumptions and limitations, and fee for Phase 2 has been separated into tasks that include continued project management and communication; additional field investigations; design and permitting for Zones 6 and 7; bid support services for the construction of Zone 6; and additional ecological surveys and field activities prior to construction of Zone 6. A scope of work and fee will be provided to the County later for the future Phases of the Project.

PHASE 2

TASK 1 - PROJECT INITIATION AND COMMUNICATION (CONTINUED)

SCS will continue to provide the following project management services following receipt of NTP extending throughout the scope of work identified herein. Additional project management services will be required for Phase 2, which have been added to the previous Phase 1 Task 1 of the Project.

- Update the Project Plan as needed. This plan was developed as part of Phase 1 and defines the team's administrative roles and responsibilities, defines the lines of communication, establishes initial schedules, provides a detailed project schedule and general framework for completing the phases of the Project, and establishes Quality Control and Quality Assurance guidelines.
- Coordinate and communicate the activities and communications of SCS's staff with those of the County and other stakeholders involved in the Project.
- Prepare subconsultant task authorizations and review subconsultant invoices.
- Weekly progress emails to the County during critical phases of the Project.
- Revise/update the project schedule developed in Phase 1. It is anticipated the Project schedule may change as new information is gathered and decisions made.
- In person meetings or Microsoft Teams call have been included in the Tasks below as needed and are not included in this Task.
- Develop monthly invoices and progress reports.

TASK 5 - FIELD ACTIVITIES (CONTINUED)

Task 5.2.2 - Hydrogeological Investigation

In the scope of work for Phase 1, SCS included a hydrogeological subconsultant to install up to two temporary groundwater monitoring wells that will be used to complete the hydrogeological investigation and site report required by subsection 62-701.330(3), Florida Administrative Code (FAC). An SCS employee qualified in field investigations will oversee this work. Data from the groundwater monitoring wells will be used to evaluate the direction and rate of groundwater flow and estimate the average and maximum high groundwater table. It's important to note the measurements cannot be conducted when any temporary man-made influence, such as dewatering or infiltration is occurring.

Following installation of the two temporary groundwater monitoring wells, an SCS technician will conduct bi-weekly groundwater elevation readings of the temporary wells for six events and monthly

readings following for six events. A schedule for these 12 events will be provided to the County based on the installation of the wells.

Deliverables

Upon completion of the temporary monitoring wells groundwater elevation readings, the information will be included in the hydrogeological investigation and site report required by subsection 62-701.330(3), FAC that will be included in the solid waste permit application.

TASK 6 - UTILITY CORRIDOR DESIGN

Task 6.1 - Utility Corridor Design

The County will require a utility corridor from the Project area to the leachate ponds. This corridor will house the leachate forcemain and other potential utilities. The leachate lines will be sized for the full build-out of the Project (Zones 6 and 7). Two pump stations will be required to boost the liquids from the Project to the exiting leachate ponds. The Zone 6 design will incorporate one lift station, and the Zone 7 design will incorporate the second lift station. SCS will work with a qualified subcontractor, CPH, on our team to provide electrical design services for the lift station and control panels for Zone 6 and then following for Zone 7.

Task 6.2 - Power Distribution Analysis

SCS will work with CPH to evaluate existing power distribution and will develop a conceptual plan for future power distribution by calculating future loads associated with the Project (landfill pumps, lift station pumps, control panels, etc.). As part of this task, (on behalf of the County) SCS will contact the utility company to assess the general requirements to meet the County's future needs for the Project.

Deliverables

Information received from the utility company along with a power distribution site map (identifying future loads and approximate timing, anticipated conceptual routing) will be presented to the County in a memorandum format.

TASK 7 - SOLID WASTE PERMIT MODIFICATION APPLICATION ZONES 6 AND 7

Task 7.1 - FDEP Solid Waste Permit Application for Zone 6 and 7

The solid waste permit applications for Zones 6 and 7 will be two separate major modifications of the existing solid waste permit. SCS will prepare the following information for the two separate submittals to FDEP:

- FDEP Form 62-701.900(1) Parts A through S following Chapter 62-701 Florida Administrative Code (FAC).
 - SCS will execute the application as the Professional Engineer Licensed in Florida along with the required County representative.
- Permit-level design drawings that contain general operational fill sequencing that will identify

landfill progression. An Engineer's Report will accompany the FDEP application to address items as required within the FDEP form.

- Calculations to estimate the amount of leachate generation using the Hydraulic Evaluation of Landfill Performance (HELP) Model. The HELP Model analysis will also be used to size an appropriate geocomposite within the bottom liner system, the leachate sump size, the leak collection pump size, the pipe size, etc.
- Based on the geotechnical investigation results conducted in Task 5.2.1 of the Phase 1 scope of work, SCS will analyze the foundation bearing capacity and settlement to calculate the foundation's ability to support the expected maximum loads and stresses imposed by the waste loading.
- Based on the results of the geotechnical investigation conducted in Task 5.2.1 of the Phase 1 scope of work, SCS will prepare a slope stability analysis of the Project at specific locations to identify whether the landfill meets the factor of safety criteria required by FDEP. The analysis will address deep stability to prevent sliding along potential failure surfaces through the waste mass, along the liner systems, and through the foundation soils.
- Based on the field data collected, SCS will perform the leachate collection and detection system pipe-crushing calculations at various intervals.
- Design of an access road from the scalehouse to the Zone 6 area and then continuation of the access road for the Zone 7 design. No updates are included in this scope of work to perform revisions to the scalehouse, scale, or any other facility.
- A surface water management analysis will be conducted on the landfill conceptual final buildout configuration (Zones 6 and 7) to evaluate the stormwater management practices, structures, and swales and provide FDEP data that the stormwater system is adequate to operate at the time of final closure.
- Technical specifications to include, at a minimum, the following:
 - 01 11 00 Summary of Work
 - 01 10 50 Testing of Pipelines
 - 01 22 13 Measurement and Payment
 - 01 31 10 Construction Schedule
 - 01 31 33 Project Coordination and Meetings
 - 01 32 19 Submittals
 - 01 32 23 Survey and Layout Data
 - 01 35 29 Health and Safety
 - 01 35 43 Environmental Protection
 - 01 45 00 Quality Control
 - 01 45 29 Testing Laboratory Services
 - 01 50 10 Mobilization and Demobilization
 - 01 50 30 Protection of Existing Facilities
 - 01 50 00 Temporary Facilities and Controls
 - 01 60 00 Material and Equipment
 - 01 70 00 Abbreviations and Definitions
 - 01 77 00 Closeout Procedures
 - 01 90 00 Permits
 - 02 90 00 Seeding and Sodding

- 30 00 00 Concrete
- 31 00 00 Earthwork
- 31 05 19 HDPE Geosynthetics
- 31 05 22 Geosynthetic Clay Liners
- 31 05 23 Geocomposites
- 31 05 26 Rain Sheeting
- 31 05 27 Geotextile
- 31 05 30 Interface Friction Testing
- 31 11 00 Clearing and Grubbing Earthwork
- 31 22 30 Site Preparation
- 31 22 50 Erosion and Sedimentation Control
- 31 23 19 Dewatering
- 33 42 13 Culverts
- Construction Quality Assurance (CQA) Plans for installing and testing the liner system and related components.
- Closure/Post-Closure Plans and Financial Assurance Cost Estimates for the Project (no updates to the existing landfill footprint will be prepared) in current dollars will be prepared using the FDEP Form 62-701.900(28), Closure Cost Estimating Form for Solid Waste Facilities. Third-party estimates to perform the work on a per-unit basis, with the source of the estimates included as a backup.
 - SCS will execute the applications as the Professional Engineer Licensed in Florida and the required County representative.
- Operation Plans (no updates to the existing landfill footprint or current or proposed future leachate management infrastructure will be prepared or assessed). The Operation Plans will address operating record procedures, waste records, access control, load checking, waste spreading/compacting, Operation and Maintenance procedures for leachate, landfill gas, stormwater management, equipment and operation features, inclement weather access, and record keeping. We intend to make these plans as generic as possible to provide the County with the utmost flexibility in its landfill operations, thus minimizing future modifications to the permit.
- Monitoring Plan Implementation Schedule, groundwater monitoring plans, (no updates to the existing landfill footprint will be prepared). Based on findings of previous activities (including future construction sequencing and hydrogeological investigation from Task 5.2.2), SCS will develop options for a future groundwater monitoring system, including needs for future monitoring well installation (and identifying locations), adjustments to the Zone of Discharge (ZOD), future landfill gas monitoring probes, and needs for future monitoring well abandonments.
- Site information, waste disposal, and operational conditions.
- Results of site investigations.
- Prior to submission of the separate applications, SCS will notify elected officials (current at the time of the submittals) as required by FDEP Rule 62-701.320.

Deliverables

Two separate deliverables for Zones 6 and 7 will be provided according to the following. A copy of the 90% submittals including the applications, drawings, and associated calculations will be submitted to the County for review and comment. These documents will be forwarded to the County in PDF format for easy distribution. In addition, SCS will provide one full-size hard copy of the drawings for each of the Zones for discussion purposes. SCS has budgeted for the design task leads to meet one time for half a day with the County at the landfill or County administration building within two weeks of each of the separate submittals to discuss and receive comments the County may have at that time. SCS will document and incorporate the County's comments from each of the 90% submittals to a 100% level and submit the Zones 6 and 7 application packages separately, digitally signed and sealed by a licensed Florida Professional Engineer to FDEP. An electronic version and one hard copy of each of the 100% submittals will be provided to the County.

SCS will respond up to four rounds of FDEP comments on each of the permit application packages and conduct one Microsoft Teams call for each permit application with the design task leads, if received, to clarify comments and requests up to the remaining budget capacity provided no requests from FDEP require additional work that was not anticipated or discussed at the pre-application teleconference meetings. This assumes that the FDEP comments exclude substantial redesign, expansion of Project scope, new or revised third-party studies, new modeling criteria imposed after submittal, or additional meetings beyond those stated in the scope of work; these items, if required, constitute additional services not included in this scope of work.

Task 7.2 - Draft Permits Review Zone 6 and Zone 7

Following receipt of the notice of completeness from the FDEP for Zone 6 and then for Zone 7, SCS will review the draft permits separately and their specific conditions with the County. We will discuss our findings with the County and if needed, SCS will provide comments to the FDEP on behalf of the County if revisions to the permits language are required. The County will be responsible and pay all costs associated with advertising the Notice of Intents separately for each of the permits as required by FDEP.

TASK 8 - ERP PERMIT APPLICATION ZONES 6 AND 7

Task 8.1 - ERP Permit Application Zone 6

An Environmental Resource Permit (ERP) application will be required to obtain a new ERP based on the Zone 6 stormwater management system for the Project. Starting December 28, 2025, new applications or major modifications of existing permits must meet the new nutrient/TSS performance standards, O&M, and financial capability certification. The ERP program will be managed through the FDEP South District office.

SCS will prepare one ERP application package consistent with Chapter 62-330, FAC and the ERP Applicant's Handbook (Vol I and SWFWMD Vol II) to obtain a new ERP for construction and operation of the proposed improvements for Zone 6. An ERP is required prior to construction of the Project under Part IV of Chapter 373, FS. SCS will conduct the following activities as a part of this task:

- Confirm major-modification applicability, identify applicable stormwater performance criteria (including AH Vol I §8.3 nutrient requirements, as applicable), and document the compliance

pathway.

- Calculating water quality and quantity storage requirements.
- Establishing design storm.
- Delineating basin areas using computer-aided design (CAD) software.
- Calculating the time of concentration and travel time for each basin.
- Evaluating percolation rate through the dry and wet retention areas.
- Design retention/detention facilities, swales, culverts, control structures.
- Prepare BMP train or equivalent water quality model to demonstrate compliance with nutrient removal criteria.
- Stormwater Operations and Maintenance Plan, Annual Operations and Maintenance Cost Estimate, and Financial Capability Certification.
- Develop StormWise/ICPR (or agency-accepted equivalent) hydrologic/hydraulic and water quality modeling files, input summaries, and output report.
- Design emergency overflow systems based on appropriate soil percolation assumptions; Prepare an erosion and sediment control plan.
- Prepare a Stormwater Design Report summarizing the proposed changes, impacts, and model outputs.
- Prepare the required FDEP forms to complete the application package.
- Review the one existing ERP for the facility, no updates or modifications will be conducted to the existing ERP the site has.

This assumes no wetland permitting will be required and no crested caracara are within the area of Zone 6. At the time of this scope of work preparation, no wetlands existed within the Zone 6 area during the Ecological Survey conducted during Phase 1 of the Project. A crested caracara survey will be performed for Zone 6 as discussed below as part of this scope of work.

Deliverables

A copy of the 90% submittal including the application, drawings, and associated calculations will be submitted to the County for review and comment. These documents will be forwarded to the County in PDF format for easy distribution. In addition, SCS will provide one full-size hard copy of the drawings for discussion purposes. SCS has budgeted for the design task leads to meet one time for half a day with the County at the landfill or County administration building within two weeks of the submittal to discuss and receive comments the County may have at that time. SCS will document and incorporate the County's comments from the 90% submittal to a 100% level and submit the application package digitally signed and sealed by a licensed Florida Professional Engineer to FDEP. An electronic version and one hard copy of the 100% submittal will be provided to the County.

SCS will respond to the FDEP comments on the permit application package and conduct one Microsoft Teams call with the design task leads, if received, to clarify comments and requests up to the remaining budget capacity provided no requests from FDEP require additional work that was not anticipated or discussed at the pre-application teleconference meeting. This assumes that the FDEP

comments exclude substantial redesign, expansion of Project scope, new or revised third-party studies, new modeling criteria imposed after submittal, or additional meetings beyond those stated in the scope of work; these items, if required, constitute additional services not included in this scope of work.

Task 8.2 - ERP Permit Application Zone 7

An application to modify the existing landfill and the Zone 6 ERP will be required for the Zone 7 stormwater management system. The ERP program will be managed through the FDEP South District office.

SCS will prepare one ERP major modification application package consistent with Chapter 62-330, FAC and the ERP Applicant's Handbook (Vol I and SWFWMD Vol II) to modify the Zone 6 ERP and the existing landfill ERP No. 14-223606-001 for construction of Zone 7. An ERP is required prior to the construction, alteration, or operation because it is a modification of a project previously permitted under Part IV of Chapter 373, FS. SCS will conduct the following activities as a part of this task.

- Confirm major-modification applicability, identify applicable stormwater performance criteria (including AH Vol I §8.3 nutrient requirements, as applicable), and document the compliance pathway.
- Calculating water quality and quantity storage requirements.
- Establishing design storm.
- Delineating basin areas using CAD software.
- Calculating the time of concentration and travel time for each basin.
- Evaluating percolation rate through the dry and wet retention areas.
- Design retention/detention facilities, swales, culverts, control structures.
- Prepare BMP train or equivalent water quality model to demonstrate compliance with nutrient removal criteria.
- Stormwater Operations and Maintenance Plan, Annual Operations and Maintenance Cost Estimate, and Financial Capability Certification.
- Develop StormWise/ICPR (or agency-accepted equivalent) hydrologic/hydraulic and water quality modeling files, input summaries, and output report.
- Design emergency overflow systems based on appropriate soil percolation assumptions; Prepare an erosion and sediment control plan.
- Prepare a Stormwater Design Report summarizing the proposed changes, impacts, and model outputs.
- Prepare the required FDEP forms to complete the application package.

Deliverables

A copy of the 90% submittal including the application, drawings, and associated calculations will be submitted to the County for review and comment. These documents will be forwarded to the County in PDF format for easy distribution. In addition, SCS will provide one full-size hard copy of the drawings for discussion purposes. SCS has budgeted for the design task leads to meet one time for half a day with the County at the landfill or County administration building within two weeks of the submittal to discuss and receive comments the County may have at that time. SCS will document and incorporate the County's comments from the 90% submittal to a 100% level and submit the application package digitally signed and sealed by a licensed Florida Professional Engineer to FDEP. An electronic version and one hard copy of the 100% submittal will be provided to the County.

SCS will respond to the FDEP comments on the permit application package and conduct one Microsoft Teams call with the design task leads, if received, to clarify comments and requests up to the remaining budget capacity provided no requests from FDEP require additional work that was not anticipated or discussed at the pre-application teleconference meeting. This assumes that the FDEP comments exclude substantial redesign, expansion of Project scope, new or revised third-party studies, new modeling criteria imposed after submittal, or additional meetings beyond those stated in the scope of work; these items, if required, constitute additional services not included in this scope of work.

Task 8.3 - Wetlands Permitting and Mitigation

During Phase 1 of the Project, SCS subcontracted Verdantas to conduct a survey to delineate jurisdictional wetlands and surface waters in accordance with the Florida Wetlands Delineation Manual (Chapter 62-340, FAC), suitable for submittal to the FDEP and the US Army Corps of Engineers (USACE) 1987 Wetlands Delineation Manual, 2010 Supplement, suitable for submittal to the USACE. Based on the activities completed, Verdantas identified two wetland areas and two surface water areas estimated to be 1.36 acres that would be impacted by Zone 7.

For this scope of work, SCS will subcontract with Verdantas to develop wetland mitigation plans for review by the FDEP South District's Submerged Lands Environmental Resource Coordination (SLERC) program and the USACE for Zone 7. During the permitting process, the USACE considers the adverse impacts to the aquatic environment are offset by mitigation requirements, which may include restoring, enhancing, creating and preserving aquatic functions and values. Verdantas will coordinate with the SLERC Wetland Evaluation and Delineation Section (WEDS) to confirm formal wetland delineations, to provide a consistent application of the Florida Unified Wetland Delineation Methodology (Chapter 62-340, FAC). The SCS team will investigate and analyze mitigation options and conduct the following for submittal for Zone 7.

- Develop a wetland mitigation plan for USACE. The wetland mitigation plan may include an enhancement plan for eradication and management of nuisance/exotic plants over the proposed conservation easement. The wetland mitigation plan will include a map of the proposed mitigation area(s) and wetland impact areas, a list of the nuisance and exotic species that will be targeted for removal, a description of the type of removal methods, and a proposed schedule and management plan for long-term eradication. The draft wetland mitigation plan will be submitted to the County for review before submitting it to the USACE (Jacksonville District). The effort will include a permit application to the USACE and supporting documentation.

- Provide supplemental to the FDEP information required for mitigation banks including the following information:
 - Location of the proposed Mitigation Bank(s).
 - Ecological significance.
 - Current site conditions of the Mitigation Bank(s) areas (soils, hydrology, vegetation, and topography).
 - Mitigation Plan
 - Proposed construction/mitigation activities.
 - Proposed vegetation enhancement activities.
 - Measures to be implemented to avoid adverse impacts.
 - Detailed wetland management plan.
 - Proposed monitoring plan to demonstrate mitigation success.
 - Assessment of improvements in ecological value.
 - Evidence of sufficient legal or equitable interest in the property which is to become the Mitigation Bank.
 - Financial responsibility including cost estimates and draft documentation for the long-term performance of the mitigation.

Deliverables

As part of the ERP application for Zone 7, a copy of the 90% submittal including the application, drawings, and associated calculations will be submitted to the County for review and comment. These documents will be forwarded to the County in PDF format for easy distribution. In addition, SCS will provide one full-size hard copies of the drawings for discussion purposes. SCS has budgeted for the design task leads to meet one time for half a day with the County at the landfill or County administration building within two weeks of the submittal to discuss and receive comments the County may have at that time. SCS will document and incorporate the County's comments from the 90% submittal to a 100% level and submit the application package digitally signed and sealed by a licensed Florida Professional Engineer to FDEP. An electronic version and one hard copy of the 100% submittal will be provided to the County.

SCS will respond to the comments on the permit application package and conduct one Microsoft Teams call with the design task leads, if received, to clarify comments and requests up to the remaining budget capacity provided no requests require additional work that was not anticipated or discussed at the pre-application teleconference meeting. This assumes that the comments exclude substantial redesign, expansion of Project scope, new or revised third-party studies, new modeling criteria imposed after submittal, or additional meetings beyond those stated in the scope of work; these items, if required, constitute additional services not included in this scope of work.

Task 8.4 - Draft Permit Reviews Zones 6 and 7

Following receipt of the notice of completeness from the FDEP for Zone 6 and then for Zone 7, SCS will review the draft permits separately and their specific conditions with the County. We will discuss

our findings with the County and if needed, SCS will provide comments to the FDEP on behalf of the County if revisions to the permits language are required. The County will be responsible and pay all costs associated with advertising the Notice of Intents separately for each of the permits as required by FDEP.

TASK 9 - BID SUPPORT SERVICES ZONE 6

Task 9.1 - Project Bid Documents

Upon submission of the permit application for Zone 6 to the FDEP, SCS will work with the County and the County's procurement division to prepare the bid documents for the construction of Zone 6. Specifically, SCS will compile the permit drawings and provide additional construction details necessary to produce a construction-level set of plans including noting areas for material laydown and if necessary, excavation stockpile.

Additionally, SCS will consolidate the technical specifications, CQA Plan, and construction permits for inclusion in the bid documents. SCS will prepare a bid form, the accompanying measurement and payment specification section, and the engineer's construction cost estimate for the Project. SCS will use the County's front-end bid documents and the construction contract, including the general and special conditions, and will provide the invitation to bid, instructions to bidders, and the Project description. SCS will provide guidance to the County regarding timelines, liquidated damages, substitution or equals, and bidder pre-qualification. These documents will be forwarded to the County in PDF format for the County to distribute to potential bidders.

Deliverables

A copy of the complete draft bid package will be submitted to the County for review and comment. These documents will be forwarded to the County in PDF format for easy distribution. SCS will document and incorporate the County's comments and submit the package digitally signed and sealed by a licensed Florida Professional Engineer.

Task 9.2 - Bid Phase Services

SCS will work with the County and its procurement division during the Zone 6 bidding phase. SCS will attend one pre-bid meeting and one site visit at the landfill with potential bidders.

SCS will respond to questions from proposed bidders raised during the bidding period, as appropriate, to interpret, clarify, or expand items as needed by issuing up to three written addenda to the bid documents based on written requests received from prospective bidders. SCS assumes the County procurement division will compile all questions and provide one complete set in which SCS will respond.

SCS assumes the County and its procurement division will review and evaluate the bids, verify the references provided by the bidders, note exceptions and irregularities in the submittals, and award a contractor the construction of Zone 6. SCS has not provided budget within this scope of work to conduct any of these activities.

Deliverables

SCS will provide the County responses to questions from proposed bidders raised during the bidding period to clarify, correct, or amend items as needed by issuing up to three written addenda to the County procurement division for response to bidders. The County will provide the SCS responses to questions to the proposed bidders.

TASK 10 - ADDITIONAL ECOLOGICAL SURVEYS AND FIELD ACTIVITIES

Task 10.1 - Ecological Survey Zone 6

An initial ecological survey was completed as part of Phase 1. Additional wetland delineation activities are not required for Phase 2 of the Project. Due to timing of the final investigations, additional ecological surveys, permitting, and field activities will need to be completed prior to beginning construction of Zone 6. Due to the construction schedule for Zone 7 and the limited validity period of the required ecological surveys, the ecological assessments (e.g., caracara, gopher tortoise, and others) for Zone 7 will be completed during Phase 4.

Listed Species and Wildlife Habitat Survey

SCS will subcontract with Verdantas to perform a listed-species and wildlife habitat survey for species listed as Endangered, Threatened, or of Special Concern by the USFWS and/or FWC. Surveys will be conducted consistent with the FWC Guide and other applicable agency guidance. Direct observations and indirect indicators (e.g., tracks, scat, burrows, nests, cavities) will be documented with sub-meter GPS (as applicable) and summarized in an Ecological Survey Letter, including a discussion of observed habitats and noted listed species indicators. Species of concern include gopher tortoise and crested caracara.

Gopher Tortoises

Based on the initial ecological survey completed as part of Phase 1, Verdantas located approximately nine active and two abandoned gopher tortoise burrows within the Zone 6 survey area. A relocation permit (Conservation Permit) for gopher tortoises will be required from the FWC if ground disturbance is within 25 feet of a burrow.

This scope of work includes conducting a final listed species and wildlife habitat survey that will be completed just prior to construction of Zone 6. This scope of work will include the ecological survey field activities, report preparation, Conservation Permit preparation, and field activities for the relocation of an assumed nine gopher tortoises within the area affected by Zone 6 construction. SCS has not included the offsite recipient site fees for the tortoises, that associated cost will be the responsibility of the County. Note, the gopher tortoise survey will only be valid for 90 days. After a survey it can take anywhere from 6 to 8 weeks before a permit is received to begin relocation activities, so timing is critical to complete these activities prior to construction of Zone 6.

Crested Caracara

A formal survey during the breeding season will be required to avoid take of potential nests and document caracara utilization of the site prior to construction of Zone 6. A formal survey will occur biweekly in the Project area and required buffer during the timeframe of January 10th through April 30th to be considered valid in accordance with the Survey Protocol for Finding Caracara Nests

(2004). All potential costs associated with mitigating the presence of crested caracaras or nests are not included within this scope of work.

Deliverables

Upon completion of field activities, the County will be provided with the Species and Wildlife Habitat findings for the gopher tortoises, crested caracara, and the Conservation Permit and an opportunity to review.

ASSUMPTIONS AND LIMITATIONS

The scope of services does not include any activities not explicitly listed herein. This scope of work and fees are based on the following assumptions:

- No permit applications or submittals to FDEP beyond the submittals described above will be required. SCS does not believe any other permits are required than those identified above. If FDEP requires additional submittals or analyses, then this work can be performed on a time and materials basis, with prior County approval.
- SCS assumes upon NTP there will be no work stoppage directed by the County other than those related to emergencies or as indicated by the contract between SCS and the County.
- SCS assumes the County has an existing boundary survey submitted to the FDEP as part of prior permit applications (and the boundary survey information remains unchanged), which will be referenced in this Project's permit application. No budget has been included in this scope of work to prepare property boundary surveys.
- An in-depth master fill sequence plan for the Project has not been included in this scope of work. The information provided with the permit applications for Zone 6 and then Zone 7 to FDEP will be sufficient for permitting purposes. Should the County request fill sequence plans in greater detail those can be provided after obtaining the Operation/Construction Permit from the FDEP under a separate scope of work and budget.
- No Consumptive Use Permit (CUP) or dewatering Permit will be required for the Project. Design depths for cell base grades or sumps will not be significantly put into the seasonal high groundwater table.
- No field investigations or additional engineering calculations will be required other than those outlined above.
- No wetland permitting is required and no crested caracara are within the area of Zone 6.
- This scope of work includes conducting a final listed species and wildlife habitat survey that will be completed just prior to construction of Zone 6. This scope of work will include the ecological survey field activities, report preparation, Conservation Permit preparation, and field activities for the relocation of an assumed nine gopher tortoises within the area affected by Zone 6 construction. SCS has not included the offsite recipient site fees for the tortoises, that associated cost will be the responsibility of the County. Note, the gopher tortoise survey will only be valid for 90 days. After a survey it can take anywhere from 6 to 8 weeks before a permit is received to begin relocation activities, so timing is critical to complete these activities prior to construction of Zone 6.
- Due to the construction schedule for Zone 7 and the limited validity period of the required

ecological surveys, the ecological assessments (e.g., caracara, gopher tortoise, and others) for Zone 7 is not included in this scope of work and will be completed during Phase 4 under a separate task. The schedule and associated costs assume no crested caracaras or nests are identified that will require additional time and effort (in design, bid documents, etc.). All potential costs associated with mitigating the presence of crested caracaras or nests are not included within this scope of work.

- No budget has been included in this scope of work for design of additional leachate storage capacity, repairs to existing infrastructure, or conveyance to planned infrastructure other than that related to Zone 6 and 7.
- To provide for future waste placement, the project focus is to design, permit, and construct Zone 6. Permitting and construction of Zone 7 may occur outside the three-year term (March 24, 2029).
- The attached fee schedule is good until March 31, 2028. Should the Project extend beyond that date, SCS will provide the County an updated scope of work and fee schedule at that time to complete this scope of work associated with Phase 2.
- Documents requested from the County will be provided in an electronic format (Microsoft Word, AutoCAD, etc.).
- The County will be responsible for all permit application fees associated with the Project.
- SCS will respond to up to four rounds of FDEP comments (Task 7.1) and have budgeted 40 hours for each round.
- CEI services are not included under this scope of services for neither Zone 6 or 7 and are expected to be provided under a separate task at a later date.

FEE

The overall fee for Phase 2 of this scope of work is **not to exceed** \$1,787,036.30, broken down by Tasks identified below and outlined in Exhibit 1. The number of hours for each labor category has been estimated and may change based on the personnel performing the work. The budget for each Task has been estimated but work for the Project may be billed to Tasks identified as completed if budget is required to complete other Tasks. The work will be billed on a **time and materials basis**.

TASK #	DESCRIPTION	PHASE 1 FEE (Approved)	PHASE 2 FEE
	PHASE 1		
Task 1	Project Initiation and Communication (additional effort required)	\$72,989.70	\$85,335.61
Task 2	Kick-off Meeting/Basis of Design Workshop	\$91,521.50	\$0.00
Task 3	Pre-application Meeting with FDEP Solid Waste Department	\$4,450.00	\$0.00
Task 4	Pre-application Meeting with FDEP Stormwater Department	\$4,864.75	\$0.00
	PHASE 2		
Task 5	Field Activities (additional effort required)	\$138,394.70	\$16,581.68
Task 6	Utility Corridor Design Zones 6 and 7	-	\$200,885.49
Task 7	Solid Waste Permit Modification Application Zones 6 and 7	-	\$831,834.44
Task 8	ERP Permit Application Zones 6 and 7	-	\$379,203.76
Task 9	Bid Support Services Zone 6	-	\$69,722.29
Task 10	Additional Ecological Surveys and Field Activities Prior to Zone 6 Construction	-	\$203,473.03

SCS appreciates the opportunity to submit this scope of work. If you have any questions, please contact Bob Curtis at (813) 293-3403 or Shane Fischer at (813) 503-1044.

Sincerely,



Carlo F. Lebron, P.E.
 Sr. Vice President
 SCS Engineers



Shane R. Fischer, P.E.
 Vice President
 SCS Engineers

SRF/CFL:rbc

Encl. Exhibit 1: Fee

Exhibit 1

Fee

Phase 2 Proposal
DeSoto County RFQ 26-08-00
Section 16 Landfill Zones 6 and 7 Expansion

LABOR COSTS

**LABOR HOURS
SUMMARY**

Personnel	Task 1	Task 5	Task 6	Task 7	Task 8	Task 9	Task 10	Total Hours	Billing Rate	Totals
Principal	18.0		28.0	205.0	32.0	15.0	8.0	306.0	\$334.18	\$102,260.15
Senior Project Advisor									\$323.57	
Project Director II				48.0				48.0	\$299.17	\$14,360.34
Project Director I	180.0	6.0	142.0	1,017.0	2.0	72.0	36.0	1,455.0	\$273.71	\$398,251.25
Senior Project Manager II									\$254.62	
Senior Project Manager I									\$233.40	
Project Manager II									\$223.85	
Technical Advisor II									\$219.61	
GIS Manager									\$219.61	
Project Manager I				24.0	234.0	8.0		266.0	\$207.94	\$55,311.08
Senior Project Professional II			168.0	114.0		8.0	20.0	310.0	\$198.39	\$61,500.37
Technical Advisor I									\$189.90	
Senior Project Professional I				180.0	148.0			328.0	\$185.66	\$60,895.66
Senior Designer				512.0		64.0		576.0	\$179.29	\$103,272.25
Project Professional II					384.0			384.0	\$175.05	\$67,218.62
Designer II				472.0		40.0		512.0	\$161.26	\$82,563.48
GIS Analyst									\$161.26	
Senior Superintendent									\$159.14	
Project Professional I			48.0	1,094.0			12.0	1,154.0	\$162.32	\$187,314.63
Staff Professional II	170.0	16.0	176.0	351.0	608.0	80.0	40.0	1,441.0	\$151.71	\$218,612.24
Analyst III									\$169.74	
Senior Technician									\$143.22	
Designer I									\$136.86	
Staff Professional I									\$143.22	
Analyst II									\$153.83	
Associate Staff Professional									\$135.80	
Drafter II					192.0			192.0	\$129.43	\$24,850.52
Technical Associate									\$129.43	
Data Analyst									\$127.31	
Analyst I									\$116.70	
Technician		84.0						84.0	\$119.88	\$10,070.06
Drafter I									\$111.39	
Administrative Professional	39.0							39.0	\$109.27	\$4,261.64
Totals	407.0	106.0	562.0	4,017.0	1,600.0	287.0	116.0	7,095.0		\$1,390,742.30

DIRECT COSTS

**PER TASK
QUANTITY AND COST**

Direct Cost	Unit Cost	Unit	Task 1	Task 5	Task 6	Task 7	Task 8	Task 9	Task 10	Total Units	Totals
Vehicle	\$150.00	Day				4.00	4.00	1.00		9.00	\$1,350.00
Truck (Day)	\$160.00	Day		12.00						12.00	\$1,920.00
CAD/GIS Usage	\$10.00	Hour				1,024.00	192.00	104.00		1,320.00	\$13,200.00
Water Level Meter	\$43.50	Day		12.00						12.00	\$522.00
Total Direct Costs				\$2,442.00		\$10,840.00	\$2,520.00	\$1,190.00		1,353.0	\$16,992.00

Phase 2 Proposal
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REIMBURSABLE COSTS

PER TASK
QUANTITY AND COST

Reimbursable	Unit Cost	Unit	Task 1	Task 5	Task 6	Task 7	Task 8	Task 9	Task 10	Total Units	Total Cost
CPH	\$1.00	Each			45,800.00			10,000.00		55,800.00	\$55,800.00
Verdantas	\$1.00	Each			35,000.00		100,000.00		170,440.00	305,440.00	\$305,440.00
Reimbursables Cost					\$80,800.00		\$100,000.00	\$10,000.00	\$170,440.00		\$361,240.00
G&A, 5.0% Reimbursables					\$4,040.00		\$5,000.00	\$500.00	\$8,522.00		\$18,062.00
Total Reimbursables Costs					\$84,840.00		\$105,000.00	\$10,500.00	\$178,962.00		\$379,302.00

TOTAL PROJECT COST

PER TASK
LABOR, DIRECT, AND REIMBURSABLE COSTS

Totals	Task 1	Task 5	Task 6	Task 7	Task 8	Task 9	Task 10	Totals
Labor	\$85,335.61	\$14,139.68	\$116,045.49	\$820,994.44	\$271,683.76	\$58,032.29	\$24,511.03	\$1,390,742.30
Direct Costs		\$2,442.00		\$10,840.00	\$2,520.00	\$1,190.00		\$16,992.00
Reimbursable Costs			\$80,800.00		\$100,000.00	\$10,000.00	\$170,440.00	\$361,240.00
G&A, 5.0% Reimbursables			\$4,040.00		\$5,000.00	\$500.00	\$8,522.00	\$18,062.00
Total Reimbursables Cost			\$84,840.00		\$105,000.00	\$10,500.00	\$178,962.00	\$379,302.00
Total Project Cost	\$85,335.61	\$16,581.68	\$200,885.49	\$831,834.44	\$379,203.76	\$69,722.29	\$203,473.03	\$1,787,036.30

Task 1 - Project Initiation and Communication (Continued)

Task 5 - Field Activities (Continued)

Task 6 - Utility Corridor Design

Task 7 - Solid Waste Permit Modification Application Zones 6 and 7

Task 8 - ERP Permit Application Zones 6 and 7

Task 9 - Bid Support Services Zone 6

Task 10 - Additional Ecological Surveys and Field Activities