
File ID: 2024-00712

4/2/2024

Consent Item 10.

Landfill Groundwater Analysis Services Contract

File ID: 2024-00712

Location: Citywide

Recommendation: Pass a **Motion** authorizing the City Manager or the City Manager's designee to execute Supplemental Agreement No. 2 to City Agreement 2022-0331 with Geosyntec Consultants, Inc. to provide the City of Sacramento with two (2) additional years of landfill groundwater analysis services and three (3) new tasks in the Scope of Services, which results in an increase of \$637,520 for a new total not-to-exceed amount of \$887,336 and an adjusted contract expiration date of April 13, 2027.

Contact: Chris Thoma, Integrated Waste Planning Superintendent, (916) 808-4833, cthoma@cityofsacramento.org; John Febbo, Integrated Waste General Manager, (916) 808-4949, jfebbo@cityofsacramento.org, Recycling & Solid Waste Division, Department of Public Works

Presenter: None.

Attachments:

- 1 - Description/Analysis
- 2 - Supplemental Agreement

Description/Analysis

Issue Detail: The City of Sacramento (City) is obligated to manage closed landfills where City-generated waste was disposed, which include the 28th Street, Dellar, and North City Substation sites. Management of all three sites is governed by California Code of Regulations (CCR) Title 27. The 28th Street and Dellar Landfills are also covered by Waste Discharge Requirements ("WDRs") Orders R5-2004-0039 and R5-2015-0051, respectively, that were issued by the Central Valley Regional Water Quality Control Board ("Water Board"). Title 27 and the WDRs require the City to submit monitoring reports which include the analysis of groundwater and air samples by a certified engineer. To maintain compliance and to address any unforeseen compliance issues with the WDRs and Title 27, the Recycling and Solid Waste (RSW) Division is seeking to extend the term and expand the scope of services for the professional services agreement for landfill groundwater analysis services with Geosyntec Consultants, Inc.

Policy Considerations: The recommendations in this report are in accordance with Sacramento City Code section 3.64.040 which requires City Council approval for a supplemental agreement that increases the agreement amount to \$250,000 or more.

Economic Impacts: None.

Environmental Considerations:

California Environmental Quality Act (CEQA): Actions related to WDRs are exempt from the provisions of the California Environmental Quality Act, in accordance with Title 14, CCR, Section 15301.

California Water Code, Division 7 - Water Quality: Groundwater and surface water quality shall be protected from degradation; enforcement is exercised by the regional water boards and the state water board to its fullest power and jurisdiction.

Sustainability: Management of closed landfills is required to protect groundwater and minimize hazards.

Commission/Committee Action: None.

Rationale for Recommendation: Supplemental Agreement No. 2 to City Agreement 2022-0331 with Geosyntec Consultants, Inc. is necessary to maintain the City's compliance with the WDRs issued by the Water Board as well as CCR Title 27. While the original agreement established a 3-year term, the RSW Division recommends extending the agreement by another two (2) years to avoid uninterrupted groundwater analysis services for 28th Street, Dellar, and the North City Substation sites. The extension of this agreement will also allow the City to be prepared to address the Water Board regarding future requirements. Therefore, the RSW Division recommends the approval of Supplemental Agreement No. 2 which will extend City Agreement 2022-0331 through April 13, 2027, and incorporate additional tasks into the scope of services to facilitate compliance with the Water Board.

Financial Considerations: There is sufficient funding within the Landfill Site Closure Project (Y14000100) to execute Supplemental Agreement No. 2 with Geosyntec Consultants, Inc. in the amount of \$637,520 for a new not-to-exceed amount of \$887,336.

Local Business Enterprise (LBE): Geosyntec Consultants, Inc. is not an LBE. This agreement was awarded under RFQ EV00000031 for On-Call Environmental Services, which was a competitive procurement conducted by the City's Economic Development Department in 2019. This RFQ required consultants to submit their Local Business Enterprise certification status. LBE firms were given 5 additional points on the evaluation criteria worksheet.

CONTRACT ROUTING SHEET

Contract Cover/Routing Form: Must Accompany ALL Contracts; however, it is NOT part of the contract.


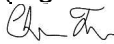


General Information (Required)

Original Contract # (supplements only): 2022-031 Supplement/Addendum #: 2
Assessor's Parcel Number(s): _____
Contract Effective Date: 4/13/2022 Contract Expiration Date (if applicable): 4/13/2027
\$ Amount (Not to Exceed): 887,336.70 Adjusted \$ Amount (+/-): 637,520.70
Other Party: Geosyntec Consultants, Inc.
Project Title: Landfill Groundwater Analysis Services
Project #: Y14000100 Bid/RFQ/RFP #: RFQ EV00000031
City Council Approval: YES if YES, Council File ID#: 2024-00711

Contract Processing Contacts

Department: Public Works Project Manager: Chris Thoma
Contract Coordinator: Christina Whiteside Email: cwhiteside1@cityofsacramento.org

Department Review and Routing

Accounting:	<u></u> (Signature)	<u>03/12/2024</u> (Date)
Supervisor:	<u></u> (Signature)	<u>03/13/2024</u> (Date)
Division Manager:	<u></u> (Signature)	<u>04/14/2024</u> (Date)
Other:	<u></u> (Signature)	<u>03/14/2024</u> (Date)

Special Instruction/Comments (i.e. recording requested, other agency signatures required, etc.)

Recording Requested

Other Party Signature Required

-----FOR CLERK & IT DEPARTMENTS ONLY – DO NOT WRITE BELOW THIS LINE-----

SUPPLEMENTAL CONTRACT

Project Title and Job Number: Landfill Groundwater Analysis Services
Purchase Order #: SACTO-0000065053

Date: April 2, 2024
Supplemental Contract No.: 2

The City of Sacramento ("City") and Geosyntec Consultants, Inc. ("Contractor"), as parties to that certain Professional Services Agreement designated as Contract Number C2022-0331, including any and all prior supplemental contracts modifying the contract (the contract and all supplemental contracts are hereafter collectively referred to as the "Contract"), hereby supplement and modify the Contract as follows:

1. The Scope of Services specified in Exhibit A of the Contract is amended as follows:

The parties to City Agreement 2022-0331 have agreed to extend the agreement's time of performance by two (2) years which results in an adjusted term of five years with a revised expiration date of April 13, 2027.

The scope of services will be revised to include Attachment 3 to Exhibit A which adds the following supportive tasks: (1) responding to regulatory comments related to the WDRs for 28th Street Landfill and the JTD, (2) addressing any unforeseen compliance issues with project executions, and (3) preparing the quarterly groundwater monitoring reports for North City Substation. Attachment 3 to Exhibit A also includes a budget table that features previous and projected costs over the lifetime of City Agreement 2022-0331.

The Billable Rates specified in Exhibit B of the Contract will be amended to reflect Geosyntec's updated rate schedule as detailed in Attachment 2 to Exhibit B.

2. In consideration of the additional and/or revised services described in section 1, above, the maximum not-to-exceed amount that is specified in Exhibit B of the Contract for payment of Contractor's fees and expenses, is **increased** by \$637,520.70, and the Contract's maximum not-to-exceed amount is amended as follows:

Agreement's original not-to-exceed amount:	<u>\$236,816.00</u>
Net change by previous supplemental contracts:	<u>\$13,000.00</u>
Not-to-exceed amount prior to this supplemental contract:	<u>\$249,816.00</u>
Increase by this supplemental contract:	<u>\$637,520.70</u>
New not-to exceed amount including all supplemental contracts:	<u>\$887,336.70</u>

3. Contractor agrees that the amount of increase or decrease in the not-to-exceed amount specified in section 2, above, shall constitute full compensation for the additional and/or revised services specified in section 1, above, and shall fully compensate Contractor for any and all direct and indirect costs that may be incurred by Contractor in connection with such additional and/or revised services, including costs associated with any changes and/or delays in schedules or in the delivery of other services by Contractor.
4. Contractor warrants and represents that the person or persons executing this supplemental contract on behalf of Contractor has or have been duly authorized by Contractor to sign this supplemental contract and bind Contractor to the terms hereof.
5. Except as specifically revised herein, all terms and conditions of the Contract shall remain in full force and effect, and Contractor shall perform all of the services, duties, obligations, and conditions required under the Contract, as supplemented and modified by this supplemental contract.

[SIGNATURES ON FOLLOWING PAGE]

SUPPLEMENTAL CONTRACT

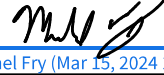
SUPPLEMENTAL CONTRACT

Approval Recommended By:



Project Manager

Approved As To Form By:



[Michael Fry \(Mar 15, 2024 11:34 PDT\)](#)

City Attorney

Approved By:



Contractor

Attest:

City Clerk

Approved By:

Ryan Moore, Assistant City Manager
City of Sacramento

Attachment 3 to Exhibit A

Scope of Services

Introduction

This Attachment 3 to Exhibit A (“Attachment”) supplements and incorporates by this reference the Professional Services Agreement between Geosyntec Consultants, Inc. (“Contractor”) and the City of Sacramento (“City”), (collectively referred to herein as the “Parties”), for Landfill Groundwater Analysis Services (the “Agreement”). This Attachment provides the updated Scope of Services for the Agreement. In the event of a conflict between this Attachment and the Agreement, the terms of the Attachment shall prevail.

This Agreement was awarded under Request For Qualifications (RFQ) EV00000031 for On-Call Environmental Services.

Background

The City of Sacramento owns and maintains the 172-acre closed Class III 28th Street Landfill. The main landfill consists of two classified units: Waste Management Unit A, an unlined 78-acre unit that was filled from approximately 1949 to 1986, and Waste Management Unit B, a 33-acre clay lined unit that was filled from approximately 1986 to 1997 (the “Site”).

The Central Valley Regional Water Quality Control Board (“RWQCB”) issued Waste Discharge Requirements Order R5-2004-0039 and Monitoring and Reporting No. R5-2004-0039¹ which set forth the concentration limits of constituents of concern. On July 23, 2015, the RWQCB issued a Notice of Violation for the detection of volatile organic compounds (“VOCs”) and inorganic compounds in groundwater monitoring wells. In October 2015, the RWQCB issued Clean Up and Abatement Order (“CAO”) 2015-0739².

¹ Available online:

http://www.waterboards.ca.gov/centralvalley/board_decisions/adopted_orders/sacramento/r5-2004-0039.pdf

² Available online:

http://www.waterboards.ca.gov/centralvalley/board_decisions/adopted_orders/sacramento/r5-2015-0739.pdf

February 28, 2024

Mr. Chris Thoma
Planning Superintendent
City of Sacramento
Recycling and Solid Waste Division
2812 Meadowview Road, Building #1
Sacramento, CA 95832

Cc. Christina Whiteside

SUBJECT: Proposal for Environmental Support Services at City of Sacramento Landfills

Dear Mr. Thoma:

As requested, this proposal has been developed to assist the City of Sacramento, Recycling and Solid Waste Division (RSWD) with the preparation of Semi-annual & Annual Monitoring Reports for the 28th Street and Dellar Landfills; Quarterly Groundwater Monitoring Reports for the North City Landfill; Annual Stormwater Reporting for the 28th Street Landfill; field quality assurance and document support; and responding to regulatory comments related to either the November 2017 Water Quality Protection Standards Report or the Amended Report of Waste Discharge (Joint Technical Document) Addendum submitted to the Central Valley Regional Water Quality Control Board (Water Board). The scope of work detailed below is based on our understanding of RSWD needs to continue to stay in compliance with the Water Board and the email from RSWD dated January 9, 2024.

SCOPE OF WORK

Nine tasks have been identified for this contract as listed below.

- **Task 1** – 28th Street Landfill and Dellar Landfill Reporting
- **Task 2** – Annual Stormwater Reporting – 28th Street Landfill
- **Task 3** – Laboratory Request for Proposal (RFP) Support – No budget allocated for this task
- **Task 4** – Field Quality Assurance (QA) and Document Support (Contingency)
- **Task 5** – Project Management
- **Task 6** – Response to Waste Discharge Requirements (WDRs) (Contingency)
- **Task 7** – Compliance Issues (Contingency)
- **Task 8** – Stormwater Compliance Support – No budget allocated for this task
- **Task 9** – North City Substation Reporting

The specific activities, assumptions, and limitations that apply to this work are presented below.

Task 1 – 28th Street Landfill and Dellar Landfill Reporting

As requested, this task provides the costs for preparation of the Semi-annual & Annual Monitoring Reports for the 28th Street and Dellar Landfills. Each report will be prepared in accordance with the existing WDR Orders R5-2004-0039 (28th Street Landfill) and R5-2015-0051 (Dellar) and associated Monitoring and Reporting Programs (MRP) issued by the Regional Water Quality Control Board. As part of the Semi-annual and Annual reports, the water level trends analyses currently monitor the separation of waste from groundwater will be presented in each report. Pressure transducers installed in the existing groundwater monitoring wells will be downloaded and checked for calibration during each Semi-annual & Annual Monitoring event by the City and data will be provided to Geosyntec.

This task includes assisting RSWD with the coordination of analytical laboratory data collected for the on-going sampling and reporting programs described below. For each sampling round, Geosyntec will review and validate the laboratory reports and coordinate the submission of the data to the State Water Board's Geotracker website. For each sampling round, a report will be generated that documents the results of the data review and validation findings and summarizes corrective actions, if any, for inclusion with the laboratory reports in the monitoring reports. Under this task the EqUISTM database will be utilized to generate the required time series plots along with the historical hydrographs.

The estimated cost for this task is **\$102,000**, broken up as follows:

- 28th Street Landfill Semi-annual Report (Q1 – Q2) - \$14,000
- 28th Street Landfill Semi-annual/Annual Report (Q3 – Q4) - \$20,000
- Dellar Landfill Semi-annual Report (Q1 – Q2) - \$13,000
- Dellar Landfill Semi-annual/Annual Report (Q3 – Q4) - \$18,000
- EqUISTM Database Management (all reports) - \$16,000
- Data Validation (all reports) - \$21,000

These costs are summarized on Table 1 below and are based on the following assumptions:

- Costs presented are for one year of reports and EQUISTM database management.
- Reports will follow the WDR/MRP structure for the required Semi-annual and Annual documents previously prepared for the landfills.
- RSWD will provide all weekly standard observation sheets, semi-annual field logs, groundwater purge logs, depth to water sheets, and analytical COCs for preparation of these reports.
- RSWD will conduct the sampling activities and submit samples to the analytical laboratory.
- Geosyntec has budgeted one downloading event each year to assist RSWD in maintaining the transducers at the landfill. Transducers will be calibrated and re-installed in groundwater monitoring wells within one 8-hour day.
- Geosyntec will review the bottle sets provided by the laboratory to ensure proper containers are provided for the requested analyses for each monitoring event. One Geosyntec staff

person will travel to the landfill to confirm containers and make any adjustments as necessary with the laboratory.

- RSWD will contract the analytical laboratory directly and direct them to provide Geosyntec with electronic reports that are in a format suitable for upload into the projects' database and Geotracker (EDD and EQuIS™).
- Approximately 30 groundwater samples, 15 stormwater samples, two leachate samples, and 35 landfill gas samples will be collected for the database and validation semi-annually (twice/year).
- Validation will be based on the SAP for the 28th Street and Dellar Landfills.
- Validation will be completed as a Stage 2A and include assessment of the data quality and usability including:
 - Overall assessment; Holding Times; Method Blanks; Matrix Spike/Matrix Spike Duplicate; Laboratory Control; Laboratory Duplicate; Comparison of Total Vs. Dissolved Metals; Sensitivity; and EDD Review for Geotracker.
- Each report will be revised based on one set of comments provided by RSWD.
- Costs presented are for the current WDR/MRP and do not include costs for revisions to the planned new WDR currently in review at the Water Board.
- Costs presented in Table 1 for this task are for 1-year. Table 2 presents costs per year and but can be utilized for contracting for up to three years through April 30, 2027.

Task 2 – Annual Stormwater Reporting – 28th Street Landfill

Geosyntec will prepare the annual stormwater report using stormwater sample data collected from the 28th Street Landfill. The annual report will be upload to the States Stormwater Multiple Application and Report Tracking System (SMARTS) Geotracker website on or before July 15th of each year of the agreement.

The estimated cost for this task is **\$6,500**, as summarized on Table 1 and is based on the following assumptions:

- Costs presented are for one year of reports but can be utilized for contracting up to three years of reporting.
- RSWD will provide Geosyntec access to the SMARTS database.
- RSWD will provide the field logs and data for preparation of the stormwater sampling report.
- RSWD will conduct the sampling for this task and submit samples to the analytical laboratory.
- Data validation for stormwater samples will be done under Task 3.

Task 3 – Laboratory RFP Support – Placeholder and not budgeted under this proposal. Task 3 can be developed at a later date at RSWD request.

Task 4 – Field QA and Document Support (Contingency)

Geosyntec will provide RSWD support specifically focused on field quality assurance for landfill gas monitoring, and National Pollution Discharge Elimination System (NPDES) permit-required and routine groundwater sampling activities. Geosyntec will observe and support RSWD with planned landfill gas sampling at the 28th Street and Dellar Landfills. As part of the training, Geosyntec will review RSWD's standard operation procedures (SOPs) and provide comments with suggested modifications to reflect both safety and proper industry procedures. The field quality assurance program will allow us to support RSWD staff by documenting the sampling program, facilitating staff in collecting, preserving, and transporting samples to the laboratory following current industry standards. The estimated cost for field quality assurance training is \$16,600.

In addition, Geosyntec will work with RSWD staff to develop documents that will be used for daily, weekly, semi-annual, and annual monitoring at the landfill. Documents will be used in the preparation of reports prepared both by RSWD staff and Geosyntec. The estimated cost for document support is \$11,000. Geosyntec will not utilize Task 4 without written approval.

The estimated cost for this task is **\$27,600** as summarized on Table 1 and is based on the following assumptions:

- Geosyntec's field auditor will provide quality assurance (QA)/quality control (QC) support to the field technicians to ensure the soil vapor sampling and monitoring activities are performed in accordance with RSWD's SOPs, quality assurance project plan (QAPP), and any applicable work plans, including the Landfill Post-closure Maintenance Plan as appropriate.
- Geosyntec assumes quality assurance support for one day of landfill gas soil vapor sampling and one half day of landfill gas monitoring by one Geosyntec field auditor.
- Geosyntec will review RSWD's SOPs associated with the 28th Street, Dellar, and North City Landfills for Daily, Weekly, and Semi-Annual Monitoring.
- Geosyntec will meet remotely with RSWD staff to review SOPs and provide comments and recommendations for monitoring activities at the landfill.
- This task includes two 8-hour site visits with the PM and senior staff professional to provide field training.
- This proposal assumes the NPDES and groundwater sampling field audit will be conducted by two Geosyntec field auditors during a three day period coinciding with an NPDES event in Spring 2024.

This task includes an option to prepare excel or equivalent field sheets that could be used on an electronic field device. Electronic field sheets will include weekly standard observation sheets, semi-annual field logs, groundwater purge logs, and depth to water sheets. Costs presented do not include a field device.

Task 5 – Project Management

This task involves overall management of the project and includes monthly updates to RSWD as needed. Over the course of the project, it is anticipated that meetings will be required to discuss

the progress of the Task Order. For the purposes of this proposal, it is assumed that four meetings will be attended each year (one meeting per quarter).

The estimated cost for this task is **\$40,400** as summarized on Table 1 and is based on the following assumptions:

- The project manager will require 3 hours per month for a 12-month period for monthly reporting and updates to the schedule.
- Meetings will be at the RSWD or Geosyntec offices or over electronic meeting sites.
- Each meeting will be 4 hours in duration and attended by the project manager and two technical staff.
- Preparation for meetings by staff will require 2 hours.
- Costs assume 3-hours each meeting for a Geosyntec staff member to prepare draft and final meeting minutes.

Task 6 – Response to WDRs (Contingency)

Geosyntec will support RSWD with responding to regulatory comments related to the WDRs/MRPs for the 28th Street Landfill and the JTD. Based on these comments, Geosyntec will respond to the regulatory agency and prepare an addendum to the JTD. This task includes a weekly meeting between Geosyntec, RSWD, and if necessary, the Water Board to address comments. Geosyntec will not utilize Task 6 without written approval.

The estimated cost for this task is **\$36,500**, broken up as follows:

- Responding to Regulatory Comments - \$12,000
- JTD Updates - \$24,500

These costs are summarized on Table 1 below and are based on the following assumptions:

- Due to the extensive nature of this project, preparation of the JTD Addendum submitted will likely require responding to regulatory comments, Geosyntec will respond to comments for portions of the JTD Addendum prepared.
- Geosyntec will coordinate with other consultants that prepared portions of the JTD Addendum that cannot be addressed directly.
- Data within the EqUIS™ database will be used for addressing comments.

Only existing reports will be used for addressing regulatory comments. No field work other than a site visit will be performed.

Task 7 – Compliance Issues (Contingency)

This project also includes a contingency task to address unforeseen challenges or changes that may arise during the project execution. Geosyntec will not utilize Task 7 without written approval.

Geosyntec has allocated **\$25,000** as summarized on Table 1.

Task 8 – Stormwater Compliance Support - Placeholder and not budgeted under this proposal. This task can be developed at a later date at RSWD request.

Task 9 – North City Substation Reporting

This task includes the preparation of four quarterly groundwater monitoring reports for the North City Landfill. Each report will follow the approved reporting structure documented in the work plan dated 11 May 2017¹.

This task includes assisting RSWD with the coordination of analytical laboratory data collected for the on-going sampling and reporting programs described below. For each sampling round, Geosyntec will review and validate the laboratory reports and coordinate the submission of the data to the Water Board's Geotracker system. For each sampling round, a report will be generated that documents the results of the data review and validation findings and summarizes corrective actions, if any, for inclusion with the laboratory reports in the monitoring reports. Under this task the EQuISTM database will be utilized to generate the required time series plots along with the historical hydrographs.

The estimated cost for this task is **\$35,200**, broken up as follows:

- North City Landfill Quarterly Reports (assumed schedule described below) - \$25,800
- EQuISTM Database Management - \$4,220
- Data Validation - \$5,180

These costs are summarized on Table 1 below and are based on the following assumptions:

- Costs presented are for one year of reports and EQuISTM database management, but can be utilized for contracting for up to three years through 2027.
- Reports will be similar to the Quarterly Reports previously prepared for the landfill.
- RSWD will provide all weekly standard observation sheets, semi-annual field logs, groundwater purge logs, depth to water sheets, and analytical COCs for preparation of these reports.
- RSWD will conduct the sampling activities and submit samples to the analytical laboratory.
- Geosyntec will review the bottle sets provided by the laboratory to ensure proper containers are provided for the requested analyses for each monitoring event. One Geosyntec staff person will travel to the landfill to confirm containers and make any adjustments as necessary with the laboratory.
- RSWD will contract the analytical laboratory directly and direct them to provide Geosyntec with electronic reports that are in a format suitable for upload into the projects' database and Geotracker (EDD and EQuISTM).
- Validation will be completed as a Stage 2A.

¹ Brown and Caldwell. 2017. *Work Plan for Sampling and Analysis of Groundwater at the North City Landfill (NCLF), North B Street and 20th Street, Sacramento, California (Site)*. May 11, 2017.

- Approximately 4 groundwater samples, 1 QA/QC sample, and 1 waste water disposal sample will be collected for the database and validation quarterly (four/year).
- Validation will be based on the workplan dated 11 May 2017.
- Validation will include assessment of the data quality and usability including:
 - Overall assessment; Holding Times; Method Blanks; Matrix Spike/Matrix Spike Duplicate; Laboratory Control; Laboratory Duplicate; Comparison of Total Vs. Dissolved Metals; Sensitivity; and EDD Review for Geotracker.
- Each report will be revised based on one set of comments provided by RSWD.
- Each quarterly report for the North City Landfill will be submitted on the first day of the second month following the quarter (May-1, August-1, November-1, February-1).

ESTIMATED BUDGET

This task order will be conducted in accordance with the terms and conditions in place with the City of Sacramento for Professional Services between the RSWD and Geosyntec.

Geosyntec will perform the scope of work for the proposed estimated fee presented on Table 1 below on a time-and-materials basis not to exceed those listed. Table 2 presents the cost breakdown per year through expected contract period April 30, 2027 and in accordance with Geosyntec's rate schedule attached. Other direct costs including travel, outside printing charges, and related direct job costs will be billed at actual cost-plus 10 percent service charge. This cost will not be exceeded without written authorization from RSWD.

Table 1
Cost Estimate per Task

TASK	HOURS	LABOR BUDGET	REIMB. EXPENSE BUDGET	TOTAL PROJECT BUDGET
TASK 1: 28th Street Landfill and Dellar Landfill Reporting	538	\$102,000	\$500	\$102,500 *
TASK 2: Annual Stormwater Reporting – 28 th Street Landfill	30	\$6,500	\$0	\$6,500 *
TASK 3: Laboratory RFP Support	0	\$0	\$0	\$0
TASK 4: Field QA and Document Support (Contingency)	134	\$26,500	\$1,100	\$27,600
TASK 5: Project Management	175	\$40,400	\$0	\$40,400 *
TASK 6: Response to WDRs (Contingency)	148	\$35,900	\$600	\$36,500
TASK 7: Compliance Issues (Contingency)	90	\$25,000	\$0	\$25,000
TASK 8: Stormwater Compliance Support	0	\$0	\$0	\$0
TASK 9: North City Substation Reporting	134	\$35,200	\$300	\$35,500 *

Note: *Services listed can be utilized for contracting for up to three years through April 30, 2027. Costs are included in Table 2 for reference as the 2024, 2025, 2026, and 2027 Totals.

Table 2
Cost Breakdown Per Year

TASK	TOTAL PROJECT BUDGET
TASK 1: 28th Street Landfill and Dellar Landfill Reporting	\$102,500
TASK 2: Annual Stormwater Reporting – 28 th Street Landfill	\$6,500
TASK 4: Field QA and Document Support (Contingency)	\$27,600
TASK 5: Project Management	\$40,400
TASK 6: Response to WDRs (Contingency)	\$36,500
TASK 7: Compliance Issues (Contingency)	\$25,000
TASK 9: North City Substation Reporting	\$35,500
2024 TOTALS	\$274,000
TASK 1: 28th Street Landfill and Dellar Landfill Reporting	\$102,500
TASK 2: Annual Stormwater Reporting – 28 th Street Landfill	\$6,500
TASK 5: Project Management	\$40,400
TASK 9: North City Substation Reporting	\$35,500
2025 TOTALS	\$184,900
TASK 1: 28th Street Landfill and Dellar Landfill Reporting	\$102,500
TASK 2: Annual Stormwater Reporting – 28 th Street Landfill	\$6,500
TASK 5: Project Management	\$40,400
TASK 9: North City Substation Reporting	\$35,500
2026 TOTALS	\$184,900
TASK 1: 28th Street Landfill and Dellar Landfill Reporting	\$51,250
TASK 2: Annual Stormwater Reporting – 28 th Street Landfill	\$3,250
TASK 5: Project Management	\$11,200
TASK 9: North City Substation Reporting	\$11,400
2027 TOTALS	\$77,100

CLOSING

Geosyntec proposes to conduct these services on a time and materials basis in accordance with the attached rate sheet (Attachment 1). We assume the work will be conducted under the existing agreement in place with the City of Sacramento for the work described. Geosyntec will begin work immediately upon written authorization from the City of Sacramento.

We appreciate the opportunity to provide these services to you and the City of Sacramento. If you have any questions or require additional information regarding this proposal, please contact Michael van den Enden at (916) 637-8341 or by email mvandenenden@geosyntec.com.

Sincerely,

GEOSYNTEC, INC.

A handwritten signature in blue ink, appearing to read "Michael van den Enden", is positioned above the printed name.

Michael van den Enden, PG
Principal Hydrogeologist

Attachment:

Attachment 1 – Geosyntec Rate Schedule

Budget Timeline

April 2022 – April 2027

Task	Total Billed for Current Agreement				Projected Costs for Supplemental Agreement					
	Apr-Dec 2022	Jan-Dec 2023	Jan-Feb 2024	Total Billed	Jan-Feb 2024	Mar-Dec 2024	Jan-Dec 2025	Jan-Dec 2026	Jan-Apr 2027	Supplemental Total
1 28th Street/Dellar Reporting	\$25,881.59	\$82,629.96	\$32,357.46	\$140,869.01	-\$37,272.46	\$102,500.00	\$102,500.00	\$102,500.00	\$51,250.00	\$321,477.54
2 SMART Annual Report for 28th Street Landfill	\$6,327.55	\$4,085.24		\$10,412.79		\$6,500.00	\$6,500.00	\$6,500.00	\$3,250.00	\$22,750.00
3 Lab RFP Support*	\$15,072.52	\$728.73	\$958.42	\$16,759.67	-\$958.42					\$0.00
4 Field QA & Document Support (contingency)*	\$2,613.88			\$2,613.88		\$27,600.00				\$27,600.00
5 Project Management	\$15,352.17	\$15,631.03	\$9,548.35	\$40,531.55	-\$9,548.35	\$40,400.00	\$40,400.00	\$40,400.00	\$11,200.00	\$122,851.65
6 WDRs update (contingency)*						\$36,500.00				\$36,500.00
7 Compliance Issues (contingency)*						\$25,000.00				\$25,000.00
8 Stormwater Compliance Support	\$9,727.07	\$3,743.54		\$13,470.61						\$0.00
9 North City Substation Reporting						\$35,500.00	\$35,500.00	\$35,500.00	\$11,400.00	\$106,500.00
Total	\$74,974.78	\$106,818.50	\$42,864.23	\$224,657.51	\$47,779.23	\$274,000.00	\$184,900.00	\$184,900.00	\$77,100.00	\$662,679.19

* Task 3, 4, 6, and 7 are not annually recurring costs

Current Budget	Proposal	Remaining Budget	Suppl 2 Budget Increase
\$249,816.00	\$662,679.19	\$25,158.49	\$637,520.70

Original Agreement	Suppl 1 Increase	Suppl 2 Increase	New Not-To-Exceed Amount
\$236,816.00	\$13,000.00	\$637,520.70	\$887,336.70

Attachment 2 to Exhibit B

Billable Rates

Introduction

This Attachment 2 to Exhibit B (“Attachment 2”) supplements and incorporates by this reference the Professional Services Agreement between Geosyntec Consultants, Inc. (“Contractor”) and the City of Sacramento (“City”), (collectively referred to herein as the “Parties”), for Landfill Groundwater Analysis Services (the “Agreement”). Attachment 2 provides the Billable Rates for the Agreement. In the event of a conflict between this Attachment 2 and the Agreement, the terms of the Attachment 1 2 shall prevail.

This Agreement was awarded under Request For Qualifications (RFQ) EV00000031 for On-Call Environmental Services.

GEOSYNTEC RATE SCHEDULE

GEOSYNTEC CONSULTANTS 2024 U.S. RATE SCHEDULE

	<u>Rate/Hour</u>
Staff Professional	\$155
Senior Staff Professional	\$180
Professional	\$205
Project Professional	\$230
Senior Professional	\$255
Principal	\$275
Senior Principal	\$295
Technician I	\$ 82
Technician II	\$ 89
Senior Technician I	\$100
Senior Technician II	\$107
Site Manager I	\$120
Site Manager II	\$132
Construction Manager I	\$142
Construction Manager II	\$152
Senior Designer	\$190
Designer	\$160
Senior Drafter/Senior CADD Operator	\$145
Drafter/CADD Operator/Artist	\$130
Project Administrator	\$ 85
Clerical	\$ 70
Direct Expenses	Cost plus 10%
Subcontract Services	Cost plus 12%
Technology/Communications Fee	3% of Professional Fees
Specialized Computer Applications (per hour)	\$ 12
Personal Automobile (per mile)	Current Gov't Rate
Photocopies (per page)	\$.08

Rates are provided on a confidential basis and are client and project specific.

Unless otherwise agreed, rates will be adjusted annually based on a minimum of the Producer Price Index
for Engineering Services.

Rates for field equipment, health and safety equipment, and graphical supplies presented upon request.

Construction management fee presented upon request.