

**SUBMITTAL TO THE BOARD OF SUPERVISORS  
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**



ITEM: 12.3  
(ID # 12619)

**MEETING DATE:**

Tuesday, June 16, 2020

**FROM:** DEPARTMENT OF WASTE RESOURCES:

**SUBJECT:** DEPARTMENT OF WASTE RESOURCES: Ratification and Approval of Amendment No. 3 to the Professional Services Agreement with Geo-Logic Associates, Inc. for Geotechnical and Construction Quality Assurance/Quality Control (QA/QC) Services at the Badlands Sanitary Landfill, District 5 [\$89,000 Total Cost - Department of Waste Resources Enterprise Funds 100%] (Nothing Further Required under CEQA)

**RECOMMENDED MOTION:** That the Board of Supervisors:

1. Ratify and approve Amendment No. 3 to the Professional Services Agreement with Geo-Logic Associates, Inc., for Geotechnical and Construction Quality Assurance/Quality Control (QA/QC) Services at the Badlands Sanitary Landfill, to increase the contract amount by \$89,000 from \$634,450 to \$723,450 through December 31, 2022;
2. Authorize the Chair of the Board to sign Amendment No. 3 on behalf of the County; and
3. Authorize the Purchasing Agent, based on the availability of funding and as approved by County Counsel, to (a) sign amendments that exercise the options of the agreement including modifications of the statement of work that stay within the intent of the Agreement (b) sign amendments to the compensation provision that do not exceed ten percent (10%) of the sum total of the total contract amount up to \$72,345.

**ACTION: Policy**

Hans Keinkamp, General Manager - Chief Engineer

6/4/2020

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**MINUTES OF THE BOARD OF SUPERVISORS**

On motion of Supervisor Hewitt, seconded by Supervisor Jeffries and duly carried by unanimous vote, IT WAS ORDERED that the above matter is approved as recommended.

Ayes: Jeffries, Spiegel, Washington, Perez and Hewitt  
Nays: None  
Absent: None  
Date: June 16, 2020  
xc: Waste Resources

Kecia R. Harper  
Clerk of the Board

By:   
Deputy

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<b>FINANCIAL DATA</b>	<b>Current Fiscal Year:</b>	<b>Next Fiscal Year:</b>	<b>Total Cost:</b>	<b>Ongoing Cost</b>
<b>COST</b>	\$ 89,000	\$ 0	\$ 89,000	\$ 0
<b>NET COUNTY COST</b>	\$ 0	\$ 0	\$ 0	\$ 0
<b>SOURCE OF FUNDS:</b> Department of Waste Resources Enterprise Funds			<b>Budget Adjustment:</b>	No
			<b>For Fiscal Year:</b>	19/20

**C.E.O. RECOMMENDATION:** Approve

**BACKGROUND:**

**Summary**

On September 25, 2018, the Board of Supervisors approved and executed a Professional Services Agreement between the Department of Waste Resources and Geo-Logic Associates, Inc. (GLA) to provide Geotechnical Design and Construction Quality Assurance/Quality Control (QA/QC) services during the design and construction phases of upcoming landfill expansion projects at the Badlands Sanitary Landfill. In addition to approving the Professional Services Agreement, the Board of Supervisors authorized the Purchasing Agent the ability to sign amendments to the compensation provisions that do not exceed 10 percent of the original contract amount or up to \$60,679. At the request of the Department, the Purchasing Agent authorized the following:

**Amendment #1**

On December 1, 2018 the Purchasing Agent increased the amended Annual Maximum Contract amount by \$7,457.60, from \$606,792.40 to \$614,250.00. This Amendment authorized GLA to utilize Cone Penetration Test (CPT) sounding to obtain more accurate data during a geological investigation. The cost associated with the CPT Sounding was included in the Agreement with GLA as an Optional Sub-Task for Geological Services, for which the Department desired to exercise.

**Amendment #2**

In February 2019, the Department observed a liquid seeping through the landfill cover system on the southern end of the "Canyon 4, Phase 3" (C4P3) cell. Per the Department's Waste Discharge Requirements, the Department notified the California Regional Water Quality Control Board (CRWQCB), developed a work plan and repaired the seep. Note that repairs were completed separate from this agreement. In addition to the seep repair work plan, CRWQCB requested a geotechnical investigation into the seep area and a geotechnical investigation be performed adjacent to an existing percolation basin upstream of the seep. CRWQCB requested both geotechnical investigations to be performed by a third party certified geotechnical professional.

At the request of the Department, the Purchasing Agent authorized Amendment #2 on April 10, 2019 to increase the amended Contract Amount by \$20,200 from \$614,250 to \$634,450. This



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Amendment authorized GLA to perform geotechnical investigations at the seep and percolation basin locations in accordance to the scope provided by CRWQCB.

**Amendment #3**

In May 2019, CRWQCB added an additional scope of work to the percolation basin geotechnical investigation consisting of but not limited to: analyzing soil while drilling through the landfill refuse cell takes place and performing transient and steady-state seepage analyses coupled with slope stability evaluations.

In addition, in the event the geotechnical investigation reveals a moisture content within the existing landfill refuse cell exceeding the allowable limit of 50% in accordance with the Department's Wastewater Management Plan, CRWQCB may no longer allow the Department to utilize percolation basins over lined areas of the landfill. The Department has prepared an alternative solution by expanding the existing Southwest Sedimentation Basin (Basin) located downstream of C4P3 to hold all storm water runoff from the landfill during a multiday storm. The expanded Basin design increases storm water storage capacity and will promote increased settlement time of pollutants. The expansion of the Basin is considered a dam as defined by section 6002 of the California Water Code. As such, the Department is requesting GLA to perform a static and seismic stability of the expanded basin/dam to permit the proposed Basin expansion.

Last of all, and in accordance with Badlands Landfill's Waste Discharge Requirements (WDR) and Title 27, the Department submitted a proposed liner design for the C2P5 and C3P2 Expansion to CRWQCB on May 29, 2018, consisting of an approved engineered alternative design in accordance with the WDR. On September 30, 2019, CRWQCB did not accept the proposed liner design and requested an enhanced liner system addressing new information on GCL bentonite erosion. On March 2, 2020, the Department and CRWQCB finalized an enhanced liner design that would be acceptable to CRWQCB under the following conditions:

- A waste stability evaluation and signed report for the enhanced liner design be performed under the direction of a Geotechnical Engineer (GE) registered in the State of California.
- A hydraulic conductivity evaluation and signed report for soil to be used in the protective cover soil (pcs) layer be performed under the direction of a Geotechnical Engineer (GE) registered in the State of California.

The work stated under Amendment #3 will increase the amended Contract Amount by \$89,000 from \$634,450 to \$723,450.

**California Environmental Quality Act (CEQA) Findings**

On January 25, 2011 (M.O. 12.1), the County adopted the EA/MND for the Badlands Landfill SWFP Revision Project (SCH No. 2010101090), and adopted Addendum No.1 to the EA/MND on December 15, 2015 (M.O. 12.2). Addendum No. 1 specifically evaluated construction of the Berm/Liner Project, and found it would not cause new significant environmental impacts or



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increase the severity of previously identified impacts. Amendment No. 3 allows for geotechnical evaluations only and does not involve construction in any new undisturbed areas. Nothing further is required under CEQA.

**Impact on Citizens and Businesses**

Amendment No. 3 will allow the evaluation of slope stability within percolation and sedimentation basins constructed to reduce the introduction of pollutants in storm water being discharged from Badlands Landfills to improve the environment for nearby Citizens and Businesses.

**Additional Fiscal Information**

The revised total cost of the agreement, including Amendments No. 1, 2 and 3 would therefore be \$723,450. The original contract amount was for \$606,792.40.

**Price Reasonableness**

County Purchasing Department originally released a Request for Proposal (RFP) November 27, 2017, soliciting proposals for Geotechnical and Construction QA/QC Services at the Badlands Sanitary Landfill on behalf of Waste Resources. The RFP was sent to forty two (42) potential bidders and was advertised on the Public Purchase website. Four (4) bid responses were submitted in response to the RFP. The proposals were reviewed by the evaluation team from Department Staff. Each bid response was evaluated based on the criteria set forth in the RFP which were: Overall Responses to the RFP requirements and project tasks, bidders experience and technical ability, cost & fees, references, credentials, resumes, licenses, certifications and financials. The original cost proposal range submitted was from \$553,695 to \$717,822. The County of Riverside required Best and Final Offers from two firms resulting in the final cost proposal from GLA of \$606,792. After two years of continued Geotechnical studies and analysis the overall cost is reasonable and has increased narrowly passed the amount of the original highest bid of the original bid. In addition GLA has continued to hold their rates throughout the entire term of the agreement. The price proposed by GLA is fair and reasonable to both parties. GLA will continue to hold their rates per the original agreement.

**ATTACHMENTS:**

Attachment A - Geologic Association Amendment 3

  
Teresa Summers, Director of Purchasing 6/9/2020

  
Jason Farin, Principal Management Analyst 6/10/2020

  
Gregory V. Priarios, Director County Counsel 6/10/2020

AMENDMENT NO.3 TO THE PROFESSIONAL SERVICE AGREEMENT  
FOR GEOTECHNICAL AND CONSTRUCTION QA/QC SERVICES  
AT THE BADLANDS SANITARY LANDFILL  
BETWEEN  
COUNTY OF RIVERSIDE AND  
GEO-LOGIC ASSOCIATES, INC

Original Contract Term:	September 25, 2018 through December 31, 2020
Contract Term Extended To:	N/A
Effective Date of Amendment:	May 19, 2020
Original Annual Maximum Contract Amount:	\$606,792.40
Amendment 1 Contract Amount:	\$614,250.00
Amendment 2 Contract Amount:	\$634,450.00
Amendment 3 Contract Amount:	\$723,450.00
Contract ID:	WMARC-92546-001-12/19

This Amendment No. 3 to the Professional Services Agreement (Contract ID No. WMARC-92546-001-12/19) is entered into by and between the County of Riverside, a political subdivision of the State of California, on behalf of its Department of Waste Resources ("COUNTY"), and GEOLOGIC ASSOCIATES, INC., a California corporation ("CONTRACTOR"), and is effective May 19, 2020. COUNTY and CONTRACTOR are collectively referred to herein as the "Parties" and individually as the "Party".

**RECITALS**

**WHEREAS**, COUNTY and CONTRACTOR entered into that certain Professional Service Agreement for Geotechnical and Construction QA/QC Services at the Badlands Sanitary Landfill for a contract term of September 25, 2018 through December 31, 2020, that certain Amendment No. 1, effective December 1, 2018, and that certain Amendment No. 2, effective April 10, 2019 (collectively, the "Agreement"); and

**WHEREAS**, COUNTY's Board of Supervisors, on September 25, 2018 in Minute Order 12.5, authorized the Purchasing Agent, based on availability of funding, to sign amendment that do not change the substantive terms of the Agreement and sign amendment to the compensation provision that do not exceed ten (10) percent of the original Agreement amount or up to \$60,679; and

**WHEREAS**, COUNTY now desires to include three (3) additional tasks to the Scope of Services, as provided within Exhibit B of the Agreement; and

**WHEREAS**, CONTRACTOR agrees to provide said additional tasks pursuant to the terms in Exhibit B of the Agreement;

**NOW THEREFORE**, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, the Parties agree as to amend the Agreement as follows:

1. The above recitals are true and correct, and are incorporated herein by reference.



AMENDMENT NO.3 TO THE PROFESSIONAL SERVICE AGREEMENT  
FOR GEOTECHNICAL AND CONSTRUCTION QA/QC SERVICES  
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2. The second sentence of section 3.1 (“Compensation”) of the Agreement is hereby deleted in its entirety and replaced in its entirety with the following:

“Maximum payments by COUNTY to CONTRACTOR under this Agreement shall not exceed six hundred thirty-four thousand four hundred fifty dollars (\$723,450) including all expenses.”

3. Exhibit B, Payment Provisions, of the Agreement is hereby amended to include the additional tasks listed in Attachment No. 1, Exhibit B-2, and Amended Payment Provisions, attached hereto and incorporated herein by this reference.

4. All other terms and conditions of the Agreement not modified herein shall remain unchanged.

5. The “Effective Date” of this Amendment No. 3 shall be May 19, 2020.

6. This Amendment No. 3 and the Agreement contain the entire understanding of the Parties. There are no oral or written representations, understanding, or ancillary covenants, undertakings, or agreement that are not contained or expressly referred to within this Amendment No. 3 and the Agreement.

7. The Parties agree to execute such other documents and to take such other actions as may be necessary to further the purpose of this Amendment No. 3.


*[Signature page to follow]*

AMENDMENT NO.3 TO THE PROFESSIONAL SERVICE AGREEMENT  
FOR GEOTECHNICAL AND CONSTRUCTION QA/QC SERVICES  
AT THE BADLANDS SANITARY LANDFILL  
BETWEEN  
COUNTY OF RIVERSIDE AND  
GEO-LOGIC ASSOCIATES, INC

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IN WITNESS WHEREOF, the Parties hereto have caused their duly authorized representatives to execute this Amendment No. 3.

COUNTY OF RIVERSIDE, a political  
subdivision of the State of California


By:   
Name: V. Manuel Perez  
Title: Chairman for Riverside County  
Board of Supervisors  
Dated: JUN 16 2020

GEO-LOGIC ASSOCIATES, INC.

By:   
Name: Gary Lass  
Title: Chief Executive Officer  
Dated: 5/8/20

APPROVED AS TO FORM:

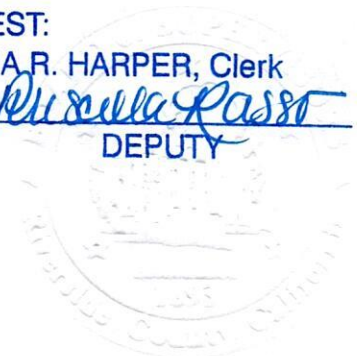
Gregory P. Priamos  
County Counsel

for By:   
Name: Amrit Dhillon  
Title: Deputy County Counsel

ATTEST:

KECIA R. HARPER, Clerk

By:   
DEPUTY



AMENDMENT NO.3 TO THE PROFESSIONAL SERVICE AGREEMENT  
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**ATTACHMENT NUMBER 1**  
**EXHIBIT B-2**  
**AMENDED PAYMENT PROVISIONS**

1. Task 1: Supplemental Geotechnical Investigation in Response to RWQCB Request. (\$35,700)
  2. Task 2: Expansion of Southwest Retention Basin – Static and Seismic Stability Evaluation & DSOD Permit. (\$29,850)
  3. Northern Berm Engineering Support of Design and Combined LCRS/PCS Soil T Testing (\$15,450)
  4. (Optional Task) Additional Stability Evaluations – Time and Materials (\$8,000)
3. New total contract amount: \$723,450.00