AMENDMENT NUMBER ONE
TO CONTRACT NUMBER MA-299-18010447
BETWEEN THE COUNTY OF ORANGE
AND CIVIL ENVIRONMENTAL SURVEY GROUP INC. DBA CES
FOR
OPERATIONS AND MAINTENANCE SERVICES OF GROUNDWATER CONTROL AND MONITORING SYSTEMS AND WATER SUPPLY SYSTEMS AT NORTH REGION LANDFILLS

THIS Amendment Number One ("**Amendment**") to Contract Number MA-299-18010447 for Operations and Maintenance Services of Groundwater Control and Monitoring Systems and Water Supply Systems at North Region Landfills ("**Contract**") is made and entered into upon execution of all necessary signatures between the County of Orange, a political subdivision of the State of California, by its OC Waste & Recycling Department ("**County**") and Civil Environmental Survey Group Inc. dba CES, with a principal office located at 33175 Temecula Parkway, Suite A-734, Temecula, CA 92592 ("**Contractor**"). County and Contractor are collectively referred to as "**Parties.**"

RECITALS

WHEREAS, Contractor and County entered into Contract Number MA-299-18010447 for Operations and Maintenance Services of Groundwater Control and Monitoring Systems and Water Supply Systems at North Region Landfills under a firm-fixed price Contract, effective November 15, 2017 through November 14, 2020, in an amount not to exceed $1,050,000; and

WHEREAS, County now desires, and Contractor agrees, to amend Article S of the County General Terms and Conditions, in its entirety, to reflect updated County Conflict of Interest terms; and

WHEREAS, County now desires to revise Section I, Section II, Section IV and Section V of Attachment A, Scope of Work Operation and Maintenance Services of Groundwater Control and Monitoring Systems and Water Supply Systems at North Region Landfills; and

WHEREAS, County now desires to revise Attachment B, Fee Schedule; and

WHEREAS, County now desires to renew the Contract for one year, effective November 15, 2020 through November 14, 2021, in an amount not to exceed $350,000;

NOW, **THEREFORE**, for and in consideration of the professional services and mutual promises to be performed for the County by the Contractor in connection with the Services and the compensation to be paid for such Services and mutual promises by the County, the Parties agree as follows:

1. **Article S** of the County General Terms and Conditions shall be replaced in its entirety with the following language:

   S. Change of Ownership/Name, Litigation Status, Conflicts with County Interests: Contractor agrees that if there is a change or transfer in ownership of Contractor's business prior to completion of this Contract, and the County agrees to an assignment of the Contract, the new owners shall be required under the terms of sale or other instruments of transfer to assume Contractor's duties and obligations contained in this Contract and complete them to the satisfaction of the County.

   County reserves the right to immediately terminate the Contract in the event the County determines that the assignee is not qualified or is otherwise unacceptable to the County for the provision of services under the Contract.

In addition, Contractor has the duty to notify the County in writing of any change in the Contractor's status with respect to name changes that do not require an assignment of the Contract. The Contractor is also obligated to notify the County in writing if the Contractor becomes a party to any litigation against the County, or a party to litigation that may reasonably affect the Contractor's performance under the Contract, as well as any potential conflicts of interest between Contractor and County that may arise prior to or during the period of Contract performance. While Contractor will be required to provide this information without prompting from the County any time there is a change in Contractor's name, conflict of interest or litigation status, Contractor must also provide an update to the County of its status in these areas whenever requested by the County.

The Contractor shall exercise reasonable care and diligence to prevent any actions or conditions that could result in a conflict with County interests. In addition to the Contractor, this obligation shall apply to the Contractor's employees, agents, and subcontractors associated with the provision of goods and services provided under this Contract. The Contractor's efforts shall include, but not be limited to establishing rules and procedures preventing its employees, agents, and subcontractors from providing or offering gifts, entertainment, payments, loans or other considerations which could be deemed to influence or appear to influence County staff or elected officers in the performance of their duties.

2. Contractor confirms that they understand and are in compliance with the County's Conflict of Interest Policy as stated in Article S.

3. Attachment A, Scope of Work, Section I. Site Information, shall be revised to add Stormwater Management System (**SWMS**) to the list of water systems requiring Operation and Maintenance Services per this Contract.

4. Attachment A, Scope of Work, Section II. System Description, shall be replaced in its entirety with the following:

II. SYSTEM DESCRIPTION

A. Olinda Groundwater Control & Monitoring System

Olinda's GWCMS components consist of an extraction and collection system, a treatment system, a leachate collection system, and a monitoring system.

The purpose of the GWCMS is to extract the groundwater using an array of groundwater extraction wells and pneumatic pumps, to pump the extracted groundwater to the treatment system, to treat the extracted groundwater using activated carbon, and to pump treated effluent water to an effluent tank for on-site dust suppression and control. The treatment system design capacity is 30 gallons per minute (gpm).

The groundwater extraction and collection system extracts impacted groundwater. Each extraction well is equipped with a pneumatic submersible pump installed near the casing bottom to maintain groundwater levels in the well at the pump inlet elevation. Extracted groundwater is conveyed to the groundwater treatment system via a network of HDPE pipes.

The groundwater treatment unit consists of a 7,000-gallon collection tank inside a concrete secondary containment, two air compressors, two air dryers and a receiving tank, and two activated carbon vessels. The air compressors provide air to the extraction wells' pneumatic pumps. A portion of the compressed air passes through the dryers to remove moisture prior

to delivery to the extraction well pumps. The treatment unit is designed to handle influent flow rates of up to 30 gpm and to decrease VOC concentrations to within regulatory limits. At this time, the treatment unit is being bypassed but will remain as a back-up system in the event groundwater VOC concentrations necessitate treatment. In addition, the seepage collection is also connected to the treatment system.

The treated groundwater effluent is stored in a holding tank. The effluent is collected by water trucks and used on-site for dust suppression.

The leachate collection system was designed on the basis of maximum potential leachate generation from the landfill center ridge. It consists of high-density polyethylene (HDPE) geomembrane lined trenches, non-woven geotextile liner, granular drainage layers, four-inch HDPE collection pipes, and a two-foot protective soil layer.

The leachate in the collection trenches drains into a sump at the south end of the center ridge area. The sump is lined with geotextile on top of an HDPE geomembrane, and filled with granular drainage media. A submersible pump inside an 18-inch HDPE pipe, embedded in the drainage media, pumps collected leachate into an above-ground 10,000 gallon storage tank for offsite disposal.

The groundwater monitoring well network at Olinda is shown on Figure 2. The monitoring wells are screened within the uppermost groundwater body underlying the landfill. The site is subject to four types of monitoring programs: detection monitoring, correction monitoring, extraction monitoring, and treatment monitoring.

1. Summary of the Extraction and Collection System:

- Fifteen (15) extraction wells and well vaults. Wells may be added/abandoned in the future as the need arises
- One (1) booster pump
- Two (2) air compressors, one (1) receiving tank, and appurtenances
- One (1) collection tank and appurtenances
- Water discharge manifolds, compressed air lines, and appurtenances
- Seep line, totalizer, and appurtenances
- Air lines, piping

2. Summary of the Treatment System:

- Two (2) carbon polishing vessels
- Feed/recycle tanks and pumps
- One (1) final treated water storage tank
- Motor control center
- PLC with remote monitoring and control

3. Summary of the Leachate Collection System:

- A leachate sump, pump and related piping & fittings
- One 10,000 gallon storage tank
- One programmable logic control (PLC) panel
- One carbon drum
- Solar powered

4. Summary of the Monitoring System:

- 16 groundwater-monitoring wells at Olinda. Wells may be added/abandoned in the future as the need arises
- 19 groundwater-monitoring wells at the inactive landfill sites within the North Region

B. Olinda Water Supply System

Olinda's WSS provides potable water required for landfill operations, fire protection, and landscape irrigation. WSS includes a water supply system, an irrigation system, and a fire protection system as shown in Figure 1.

The WSS consists of:

- Pump stations
- Booster Pumps
- Pumps P-1 through P-8
- Two 100,000 gallon reservoir tanks
- One 53,000 gallon tank for dust control
- One 7,000 gallon tank for irrigation
- Two 20,000 gallon tanks for dust control
- Fixed and mobile J-stands
- Altitude Valve
- Air Release Valves
- Control Valves
- Backflow prevention devices
- Fire Hydrant
- Irrigation System
- Fire protection alarm/sprinklers
- PLC with remote monitoring and control

C. Olinda Stormwater Management System

Olinda's SWMS consists of a treatment train of automated flocculant and coagulant dosing systems, skimmers and desilting basins. Basin A has three skimmers, Basin B has two skimmers, and Basin C has six skimmers as shown in Figure 1. The skimmers are used to control the discharge and quality of stormwater leaving the basins.

1. Basin A:

- Automated dosing system
- 3 skimmers
- 3 winches
- 1 riser

2. Basin B:

- Automated dosing system
- 2 skimmers
- 2 winches
- 1 riser

3. Basin C:

- Automated dosing system
- 6 skimmers
- 6 winches

4. Automated Dosing Systems:

- Two XD4 Whisper Vane electric dosing pumps
- AV9000 Area Velocity Analyzer liquid flow meter
- Three 360 watt Solaria PowerXT solar panels and inverter
- Two 10 kWh lithium-iron phosphate battery packs
- Control system utilizing wireless communication, HMI, and PLC
- Two 275-gallon totes, one containing a coagulant product (LBP-2101, subject to change) and the other containing a flocculant (Liquifloc 2%, subject to change)

D. Closed Sites

In addition to the systems described above, there are numerous groundwater monitoring wells at Villa Park Refuse Disposal Station, La Habra Refuse Disposal Station, and Reeve Pit Refuse Disposal Station. The numbers of wells at each site are listed below:

- Villa Park Refuse Disposal Station 4 monitoring wells
- La Habra Refuse Disposal Station 3 monitoring wells
- Reeve Pit Refuse Disposal Station 5 monitoring wells

Some or all of these wells may require redevelopment during the life of this contract. In addition, all of these wells possess dedicated micropurge pumping systems. Some or all of these pumps may require installation, maintenance, and/or removal during the life of this contract.

The groundwater monitoring wells are sampled on a regular basis by County personnel.

5. The following numbered requirements shall amend the corresponding requirements as listed in Attachment A, Scope of Work, Section IV. Contractor Requirements, Subsection A, General:

1. SWMS shall be added to the systems listed requiring Contractor to furnish all personnel, labor, tools, equipment (including boom truck), materials, and transportation to perform routine, scheduled, non-routine, and emergency O&M, plus troubleshooting.

4. The threshold amount that when exceeded requires a written proposal containing an itemized estimate for all scheduled and non-routine work shall increase to $1,500.

5. The threshold amount that when not exceeded requires a preauthorization recorded on a Backup Sheet/Pre-Authorization Form (provided) from the Contractor stating concurrence and written approval or verbal/email authorization from the Contract Administrator or designee shall increase to $1,500.

12. In addition to the requirement that Contractor shall keep work areas clean and free from debris at the completion of work, Contractor shall maintain area around equipment clear of weeds and other seasonal invasive, non-native vegetation.

6. Attachment A, Scope of Work, Section V. List of Tasks, shall be replaced in its entirety with the following:

V. LIST OF TASKS

Task A. Olinda Routine Preventive Operation and Maintenance

Contractor shall perform routine preventive O&M for all system equipment in accordance with O&M manuals, manufacturer's recommendations, and applicable maintenance procedures, standards, and practices. Contractor shall perform routine preventive maintenance in a timely fashion and with minimum system disruption/shutdown.

Contractor shall make necessary troubleshooting, testing, adjustments, tuning, cleaning, parts replacement, and minor repairs to achieve optimum system performance, and fill out routine monitoring, inspection and maintenance logs. Examples of logs are attached. Contractor shall furnish all personnel, labor, tools, equipment, and transportation except replacement materials and parts to perform the routine preventive maintenance. Contractor shall maintain accurate records of all visits in the official logbook located onsite. For each visit, Contractor shall record date, time, personnel present, actions taken, problems encountered, and repairs/solutions implemented, if any. The minor repair referred herein is defined as repair to be conducted without the need of specialized tools, equipment, labor or subcontractors.

1. Groundwater Control & Monitoring System

a) On a weekly basis, Contractor shall conduct two (2) inspections and maintenance visits to the GWCMS. Contractor shall check all components of the system and perform non-invasive troubleshooting as necessary to determine the cause of improperly functioning components. Contractor shall make necessary minor repairs such as fixing hose connections and replacing parts such as gauges with existing spare parts. This task includes, but is not limited to, the routine preventive inspections and maintenance including testing, cleaning, adjustments, tunings, lubrication, drains, and instrument and tank level readings for the following system components:

- Well Vault
- Pressure Regulators
- Pumps
- Valves
- Motors
- Belts
- Compressors and Related Accessories
- Gauges and Meters
- Air and Water Hoses
- Air and Water Filters
- Strainer Filters
- Secondary Containments
- pH Meter/Probe
- Chiller
- Effluent Totalizer
- Fuses
- Sensors

- Switches
- Meters
- Drains, Relief valves, and Vents
- Pressure Switch Tubing and Indicators
- Diaphragm, Cartridges, and Seats
- Ports
- Air-Water Separators
- Alarms Including Auto Dialer and Shutdown Alarms
- Piping and Pipe Fittings
- Tanks and Related Accessories and Fittings
- Leachate System
- PLC
- Remote monitoring and control interface
- Power Supply

b) On a weekly basis, Contractor shall conduct one (1) groundwater extraction system and one (1) leachate collection system inspection and maintenance visit. For each visit, Contractor shall take all necessary readings and record the date, time, personnel present, actions taken, problems encountered, and repairs/solutions implemented, if any.

c) Every two (2) weeks, Contractor shall conduct one (1) round of water level measurements for all groundwater extraction wells on the same day. All equipment used shall be decontaminated prior to lowering into the wells to avoid cross contamination.

d) As the need arises, or per County's request, Contractor shall modify routine monitoring, inspection, and maintenance logs, and submit to Contract Administrator for approval.

e) Contractor shall inspect, operate, and maintain additional extraction wells that may be installed in the future.

2. Water Supply System

a) Contractor shall perform routine preventive maintenance for all system equipment in accordance with the City and the Orange County Fire Authority (OCFA) requirements, manufacturer's recommendations, applicable maintenance and construction standards and practices on a weekly basis. Contractor shall perform routine maintenance in a timely fashion and with no system disruption/shutdown.

County will provide Contractor with plans for all components of the WSS. Contractor shall review manuals thoroughly. On a weekly basis, Contractor shall conduct all necessary readings, visual inspections and preventive maintenance for all components of the WSS, including the automated control panel and the following components as listed below.

- Pump Station
- Pumps
- 100,000 gallon reservoir tank (2)
- 53,000 gallon water tank (1)
- 7,000 gallon irrigation water tank (1)
- 20,000 gallon stand-tower (2)

- Booster pumps and motors
- Altitude valve (1) - manufactured by Cla-Val
- Air release valves - manufactured by Apco
- Backflow prevention (6) and other backflow prevention devices
- Fire suppression and sprinkler systems
- Fire hydrant (1)
- Remote monitoring and control interface

Task B. Olinda Scheduled Preventive Maintenance

Based on O&M manuals and manufacturers' recommendations, Contractor shall prepare a list/schedule of preventive maintenance for the various components of the GWCMS and WSS. Contractor shall submit such list/schedule to Contract Administrator within thirty (30) calendar days of contract award date for review and approval. The scheduled preventive maintenance shall be performed in a timely manner and with minimum disruption to the operation of any components of the system.

Prior to proceeding with the scheduled maintenance, Contractor shall submit a written proposal and obtain a preauthorization or a "Notice to Proceed" from Contract Administrator as described in Section IV Contractor Requirements.

1. Groundwater Control and Monitoring System

a) Annual 8,000 Hour Service on Two Atlas Copco Air Compressors

Annual 8,000-hour service on the two (2) Atlas Copco air compressors shall be performed in accordance with manufacturer recommendations and by a qualified manufacturer service certified technician. Replace parts if required.

Contractor shall prepare a report within 30 calendar days after conducting the annual service on the two (2) Atlas Copco air compressors and submit to Contract Administrator. At a minimum, the report shall include test procedure summary, results, recommendations for improvements or repairs, and copies of field data recorded.

b) Weekly Carbon Vessel Testing (3)

On a weekly basis, Contractor shall monitor and record the outlet concentration of Total Organic Compounds (TOC) as Methane at the (3) carbon vessels at the groundwater, leachate and seep tanks during tank filling using an Organic Vapor Analyzer (OVA) or equivalent.

2. Water Supply System

a) Quarterly Maintenance Service

Lubrication of motors for water pumps shall be completed per manufacturer's recommendation. A maintenance log shall be kept, which includes contractor maintenance personnel name, date, and maintenance procedures used. Copies shall be provided to Contract Administrator.

b) Annual Maintenance Service

Altitude valve maintenance (1)

The maintenance services shall be conducted every year and shall include: cleaning valve stems of sediment and deposits, checking rubber parts for pliability, and

conducting any necessary pilot control adjustments. A log of maintenance procedures shall be kept and include contractor name, date, results of maintenance event, and any future maintenance and/or operations recommendations. Copies shall be provided to Contract Administrator.

Altitude valve rebuild (1)

A Cla-Val manufacturing technician will be retained to inspect, fully open, and clean and replace gaskets and/or damaged fittings on the main valve and pilots. The valve settings will then be set and the valve tested for proper operation.

Fire hydrant (1)

The fire hydrant (1) shall be tested to a fully open setting for three minutes and then to a closed position to ensure ease and efficiency of operation. This test shall keep the valve in operation; however, the most important reason is to ensure that no line valves upstream have been shut off in the previous period. This fire hydrant open-close test should be accomplished after any other line valves around the Site are tested. The Contractor shall comply with any other City and OCFA requirements for O&M of fire hydrants. A maintenance log shall be kept, which includes contractor name, date, and any maintenance procedures used. Copies shall be provided to Contract Administrator.

100,000-gallon reservoir tank (2)

Inspect seams and epoxy sealant on inside and outside of the tank. A video or photo log and written record of visual inspection information, including contractor name, date, inspection results, and recommendations, shall be prepared.

Backflow prevention devices (6)

An annual backflow prevention maintenance and operations test for six (6) devices are required, which shall be performed by a backflow test certified contractor. A log of testing results shall be kept, which includes contractor name, date, results of test, and any future maintenance and/or operations recommendations. Copies of the certified test passing results shall be provided to the City of Brea Maintenance Department, the County of Orange Health Care Agency/Environmental Health, and the Contract Administrator.

Fire hydrant (1)

All upstream valves should be tested (except permanently closed valves, if any) on an annual basis. A visual inspection for leaks and painting visibility should also be completed during these operations with repairs made, as deemed necessary. A maintenance log shall be kept, which includes contractor name, date, and any maintenance procedures used. Copies shall be provided to Contract Administrator.

Sprinkler/alarm systems (5)

Besides the five-year certification, an annual inspection with a report is required.

c) Every Five Years Maintenance Service

Sprinkler/alarm systems (5)

All sprinkler/alarm systems shall be subject to re-certification at every five (5) year period. This is a requirement of the CA State Fire Marshall's Code Title 19. The

certification encompasses flow tests, 90-second notification to the OCFA, working order of alarm, and a visual inspection. Besides the five-year certification, an annual inspection is required. Results of these are to be submitted to the OCFA. A company's insurance company is also to receive these documents; however, since the County is self-insured, such a requirement is not applicable to the County.

Five (5) systems in all are to be certified. One (1) system serves the Crew Quarters and another system serves the Operations Office. Two (2) systems serve the two scale houses and another system serves the fee booth's lunchroom. Contractor shall perform the required five-year certification and annual year inspection on the five (5) systems as soon as the contract is awarded.

3. Stormwater Management System

a) Quarterly Maintenance Service

Automated Dosing Systems (3) - Contractor shall rotate pump motor bearings and visually inspect system components for signs of damage. Contractor shall inspect batteries for corrosion and perform startup and verification testing of the generator operation.

b) Annual Maintenance Service

Automated Dosing Systems (3) - Prior to the rainy season, Contractor shall inspect piping for corrosion and buildup, perform alarm and alert tests and inspect solar panel frames and bracing.

Task C. Non-Routine Maintenance

Non-routine maintenance is defined as maintenance/repair work that is not included or scheduled in Task A and Task B. Should the need arise or at Contract Administrator's request, Contractor shall respond to any non-routine maintenance/repairs within three (3) calendar days or sooner from date when problem was first noticed or request date. Contractor shall not receive additional compensation for preparation or revision of task orders.

Non-routine maintenance shall include, but not limited to, the following:

1. Work not included under Task A Routine Preventive O&M.
2. Improvement, repair, or replacement of deteriorated/broken system components, including all system's electrical, mechanical, structural, instrumentation/equipment components where it is not called for under Tasks A and B.
3. Installation of additional equipment to improve overall system performance.
4. Replacement of deteriorated/broken system components with other parts that may not be identical but performs the same function.
5. Repair or redevelopment of any or all groundwater extraction and monitoring wells.
6. Drilling of additional groundwater and monitoring extraction wells.
7. Maintenance requiring specialized manufacturer or specialized subcontractor expertise.
8. Repair, cleaning, testing or replacement of storage tanks.
9. Engineering support services as required and/or requested by the Contract Administrator.
10. Install structure to secure/protect the system and its components.
11. Maintenance, repair and/or improvements of detention basins' skimmers, risers winches, cables and automated dosing systems.

Stormwater monitoring and sampling (as needed): Contractor may be asked to sample stormwater during or after rain events at North Region. If this occurs, Contractor shall perform sampling according to County protocols (a copy of which will be provided upon request) and shall send samples to County's contracted laboratory. Sampling equipment, including generators, decontamination equipment, portable pumps, etc. shall be provided by Contractor. Ice chests, trip blanks, sampling bottles and Chain of Custody forms shall be provided by County.

Task D. Emergency Maintenance

Unscheduled automatic system shutdowns and Auto-dialer call outs are considered events that require high priority attention.

Contractor shall respond to all high priority events within 24 hours. Contractor's 24-hour phone number shall be programmed into Auto-dialer and provided to Contract Administrator immediately after contract award. Contractor shall act as quickly as possible to minimize system shutdown time.

If County determines that an unscheduled automatic system shutdown, or Auto-dialer call out warrants an immediate response, Contractor shall consider this event an emergency and shall respond within three (3) hours of initial contact.

Contractor shall document all work approved by County. Contractor will attach documents with written Contract Administrator approval to monthly invoice.

Task E. Spare Parts

Contractor shall prepare a list of consumable supplies and recommended spare parts not already in stock, for the groundwater control and monitoring system and water supply system. Contractor shall submit such list to Contract Administrator within two (2) months of contract award date for review and approval.

Upon receiving Contract Administrator's written approval, Contractor shall procure spare parts and supplies, and store them onsite in a storage container provided by County.

Task F. Olinda Scheduled Sampling

Contractor shall perform routine scheduled sampling for components of the GWCMS.

a) Quarterly Groundwater Monitoring Well Sampling

Contractor shall perform sampling according to County protocols (a copy of which will be provided upon request) and shall send samples to County's contracted laboratory. Sampling equipment, including generators, decontamination equipment, portable pumps, ice chests, trip blanks, sampling bottles and Chain of Custody forms shall be provided by County. Contractor shall be responsible for consumables. If resampling is necessary, it will be performed under a non-routine task order.

b) Annual Sampling

Condensate Sampling (1) - Contractor shall take a grab sample from an existing valve on the condensate tank. If resampling is necessary, it will be performed under a non-routine task order.

Leachate Sampling (1) - Contractor shall take a grab sample from an existing valve on the leachate tank. If resampling is necessary, it will be performed under a non-routine task order.

7. Attachment B, Fee Schedule, shall be revised to decrease the Frequency Per Year for Item Numbers B.2.2, Altitude Valve Inspection, Cleaning and Testing, and B.2.3, Altitude Valve Rebuild, to one (1) time per year each for an annual cost of $720.30 and $1409.30, respectively.

8. Attachment B, Fee Schedule, shall be revised to add the following to Olinda Scheduled Preventive Maintenance:

ITEM NO.	DESCRIPTION	UNIT	COST PER UNIT	QTY	FREQ PER YEAR	ANNUAL COST
B.1.2	Weekly Carbon Vessel Testing	EA	$ 7	3	52	$ 1092
B.3	**Stormwater Management System**					
B.3.1	Dosing System Pump, Battery & Generator Maintenance	EA	$ 336	3	4	$ 4032
B.3.2	Dosing System Pre-Season Maintenance	EA	$ 336	3	1	$ 1008
OLINDA SCHEDULED SAMPLING						
F.1	Groundwater Monitoring Well Sampling Event	EA	$ 3741.83	1	4	$ 14,967.32
F.2	Condensate Sampling	EA	$ 168	1	1	$ 168
F.3	Leachate Sampling	EA	$ 168	1	1	$ 168

9. The Total Estimated Annual Cost for All Routine Services (Parts A, B and F) shall be revised with a new total of $74305.00 and the Total Estimated Annual Cost for All Routine and Non-Routine Services shall be revised with a new total of $157,281.77.

10. Except as amended herein, all remaining terms and conditions of the Contract shall remain in full force and effect.

[Signature Page Follows]

The Parties hereto have executed this Amendment Number One on the dates shown opposite their respective signatures below.

CIVIL ENVIRONMENTAL SURVEY GROUP INC. DBA CES*:

Skye Green	CEO/Secretary
Print Name	Title
	8/12/20
Signature	Date
James Keegan	CFO
Print Name	Title
	8/12/20
Signature	Date

* If the contracting party is a corporation, two (2) signatures are required: one (1) signature by the Chairman of the Board, the President or any Vice President; and one (1) signature by the Secretary, any Assistant Secretary, the Chief Financial Officer or any Assistant Treasurer. The signature of one person alone is sufficient to bind a corporation, as long as he or she holds corporate offices in each of the two categories described above. For County purposes, proof of such dual office holding will be satisfied by having the individual sign the instrument twice, each time indicating his or her office that qualifies under the above described provision. In the alternative, a single corporate signature is acceptable when accompanied by a corporate resolution demonstrating the legal authority of the signee to bind the corporation.

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County of Orange, a political subdivision of the State of California

Print Name	Title
Signature	Date

APPROVED AS TO FORM:

County Counsel

By Paul Albarian
Deputy

Date 08/13/2020 | 12:09 PM PDT