

**SECOND AMENDMENT  
TO PROFESSIONAL SERVICES AGREEMENT NUMBER F002411  
WITH MONTROSE AIR QUALITY SERVICES, LLC**

This Second Amendment to Agreement number F002411, dated November 18, 2021 ("Agreement") is made as of this \_\_\_\_\_ day of \_\_\_\_\_, 2025, by and between the City of Santa Rosa, a municipal corporation ("City"), and Montrose Air Quality Services, LLC, a Delaware Limited Liability Company ("Consultant").

**RECITALS**

- A. City and Consultant entered into the Agreement for Consultant to provide monthly emissions testing, monthly process monitoring, and as needed source testing for natural gas/digester gas engine generators to demonstrate compliance with conditions in the Title V permit for the Laguna Treatment Plant.
- B. On January 18, 2024 City and Consultant entered into the First Amendment to the Agreement for the purpose of updating the scope of services, increasing compensation, and extending the time of performance.
- C. City and Consultant now desire to further amend the Agreement for the purpose of updating the scope of services, increasing compensation, and extending the time of performance.

**AMENDMENT**

**NOW, THEREFORE**, the parties agree to amend the Agreement as follows:

- 1. Exhibit A-1 to the Agreement is supplemented by Exhibit A-2 to this Amendment.
- 2. Exhibit B-1 to the Agreement is supplemented by Exhibit B-2 to this Amendment, with the Exhibit B-2 rates taking effect on January 1, 2026, and superceding the Exhibit B-1 rates on and after that date.
- 3. Section 2(c) is amended to increase the compensation payable to Consultant under the Agreement by \$300,000.00 to read as follows:

"Notwithstanding any other provision in this Agreement to the contrary, the total maximum compensation to be paid for the satisfactory accomplishment and completion of all tasks set forth above shall in no event exceed the sum of five hundred and sixty-five thousand dollars and no cents (\$565,000.00). The City's Chief Financial Officer is authorized to pay all proper claims from various Charge Numbers.

- 4. The last sentence of Section 12 is amended to read as follows:

"Consultant shall complete all the required services and tasks and complete and

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tender all deliverables to the reasonable satisfaction of City, not later than December 31, 2027."

All other terms of the Agreement shall remain in full force and effect.

Executed as of the day and year first above stated.

**CONSULTANT:**

Name of Firm: Montrose Air Quality Services, LLC

TYPE OF BUSINESS ENTITY (*check one*):

☐ Individual/Sole Proprietor  
☐ Partnership  
☐ Corporation  
☒ Limited Liability Company  
☐ Other (please specify: \_\_\_\_\_)

*Signatures of Authorized Persons:*

By:  \_\_\_\_\_

Print Name: Shawn Nelezen

Title: Senior Vice President

**CITY OF SANTA ROSA**

a Municipal Corporation

By: \_\_\_\_\_

Print Name: Daniel J. Galvin III

Title: Chair, Board of Public Utilities

APPROVED AS TO FORM:

\_\_\_\_\_  
Office of the City Attorney

ATTEST:

\_\_\_\_\_  
Recording Secretary

City of Santa Rosa Business Tax Cert. No.

N/A

Attachments:

Exhibit A-2 - Scope of Services

Exhibit B-2 - Compensation



2825 Verne Roberts Circle  
Antioch, CA 94509

Transmittal Letter

August 21, 2025

Heather Johnson

Environmental Services Officer  
City of Santa Rosa - Water Department  
4300 Llano Road  
Santa Rosa, CA 95407  
Phone No.: (707) 543-3472

**Subject: 2025 update to 2021 RFP: Professional Services for Air Emissions Testing at Santa Rosa Water Laguna Treatment Plant**  
**Opportunity Numbers: OPP-2025-07-01-072915, OPP-2025-07-11-073330, OPP-2025-07-01-072924, OPP-2025-02-08-066104 and OPP-2025-06-16-072286**  
**Document Number: W005AS-072915-PQ-3098**

Dear Heather,

Montrose Air Quality Services, LLC (Montrose) would like to thank you for this opportunity to provide The City of Santa Rosa (CoSR) with our updated proposal and quotation for consolidated emissions testing services at the Laguna Water treatment plant. This proposal has been prepared to update our response to your written request of May 5, 2021 to continue emission testing services in 2025, 2026 and 2027.

**Scope Understanding:** Montrose understands that the services requested include monthly and annual emissions testing and consulting for a two-year period beginning in the first quarter of 2026. The proposed test program will be conducted on six (6) permitted sources and six (6) permitted abatement devices to determine compliance with provisions of the Major source air permit (Title V Permit) issued to the city by the Bay Area Air Quality Management District (BAAD) (permit to operate, authority to construct) for plant # 1403.

Montrose has established a quality management system that led to accreditation with ASTM Standard D-7036 (Standard Practice for Competence of Air Emission Testing Bodies). In addition, our project managers have been certified under the qualified source testing individual (QSTI) program instituted by the Source Evaluation Society (SES). Montrose has completed multiple functional assessments for ASTM D7036-04 which were conducted by The American Association for Laboratory Accreditation (A2LA). A2LA granted accreditation for the Montrose quality management system in February 2016. All testing will be overseen and supervised onsite by at least one Qualified Individual, as defined in 40 CFR 72.2. Montrose quality management system performance data is available upon request.

**Project Team:** Montrose has assembled a team of experienced professionals to support CoSR for this project. The account/client lead (Project Manager) will act as the key point of contact to streamline communication, facilitate scheduling, and coordinate on-site work. Details for the Project Manager is included below.

Name: Christopher Wymore  
Telephone: 562-280-5471  
Email: [chwymore@montrose-env.com](mailto:chwymore@montrose-env.com)

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## Work Plan

### Montrose's Understanding of the Project

The scope of work has been designed based on our review and understanding of the EPA and BAAD rules and regulations. Tables one and two summarize the proposed testing which will adhere to promulgated EPA reference source test methods or other agency test methods appropriately, and the Montrose Quality Manual.

There are six aspects of CoSR's compliance obligations that are covered under this proposal:

1. Monthly emissions testing will be performed on internal combustion engines that are in-service for routine usage by the facility, described as sources S-200, S-201, S-202 and S-203 in the Title V permit. Monthly measurements will be performed for the following constituents: CO, NO<sub>x</sub> (ppmvd, @ 15% O<sub>2</sub>).
2. Monthly process monitoring will be performed for abatement device A-201 in order to determine gas conditioning system efficacy. This will be accomplished by collecting samples of digester gas using a summa canister (or similar) with off-site laboratory analysis for siloxane.
3. As-needed source testing will be performed to demonstrate compliance with conditions in the Title V permit for the generator engines (sources S-200, S-201, S-202 and S-203). Testing will be performed in compliance with 40 CFR 60 subpart JJJJ. Measurements will be performed for the following constituents:
  - Volumetric flow rate, Fuel, (dscfm); dry (% volume)
  - O<sub>2</sub>, CO<sub>2</sub>, N<sub>2</sub>, CH<sub>4</sub> and NMOC (% volume dry) Fuel
  - Volumetric flow rate, Exhaust, (dscfm); dry (% volume)
  - O<sub>2</sub>, CO, NO<sub>x</sub>, NH<sub>3</sub>, CH<sub>4</sub> and NMOC (% volume dry) Exhaust
  - Emissions Rate (ER) NO<sub>x</sub>, CO (grams per BHP/hour)
4. Startup source testing will be performed on the enclosed waste gas flare, described as source A-36 in the Authority to Construct (ATC) Application No. 31260. Measurements will be performed for the following constituents:
  - Fuel Volumetric flow rate, (dscfm); dry (% volume)
  - Fuel O<sub>2</sub>, CO<sub>2</sub>, N<sub>2</sub>, CH<sub>4</sub>, H<sub>2</sub>S and NMOC (% volume dry)
  - Verification of acceptability of the Exhaust sampling location (3D Pitot tube traverse)
  - Volumetric flow rate, Exhaust, (dscfm); dry (% volume)
  - O<sub>2</sub>, CO, NO<sub>x</sub>, CH<sub>4</sub> and NMOC (% volume dry) Exhaust
  - Emissions Rate (ER) NO<sub>x</sub>, CO (pounds per MMBTU)
  - H<sub>2</sub>S and VOC destruction efficiency (%)
  - Combustion temperature (°F)
5. Startup and/or annual source testing will be performed on the Emergency Standby Diesel Engine, described as source S-7 abated by devices A1 & A2 in the ATC Application No. 686660. Measurements will be performed for the following constituents:
  - Volumetric flow rate, Exhaust, (dscfm); dry (% volume)

- O<sub>2</sub>, CO, NO<sub>x</sub>, NH<sub>3</sub>, & PM (% volume dry) Exhaust
- Emissions Rate (ER) NO<sub>x</sub>, CO & PM (grams per BHP/hour)

6. Additional tests that may be requested by the city on an as-needed basis to gather additional emissions data.

The test program is divided into the following five tasks. The tasks include the development and submittal of the source test protocol for agency approval, equipment/personnel preparation and mobilization, performance of the field tests, laboratory responsibilities, and the completion and submittal of the test report.

## Project Approach

### Task 1: Safety and Planning & Protocol

Site specific safety orientation and training will commence upon the first day of arrival and every day thereafter on site as needed. Any training that can be conducted remotely beforehand will be completed prior to mobilization to the job site.

A formal compliance source test protocol (STP) will be written for submittal to the BAAD as needed. Preparation and review of STP will provide coordination and understanding among all concerned parties. Organization of the project schedule and liaison with agency personnel are included in this task.

An electronic copy of the protocol will be submitted to CoSR for distribution to the various regulatory agencies and/or end users. It is understood that all protocol drafts are to be reviewed by CoSR at least 45 days prior to mobilization. The final versions will incorporate all pertinent review comments from the draft STP and will be submitted immediately following receipt of all review comments. The BAAD requires thirty (30) days to review all test protocols as well as a seven (7) day written notification prior to the start of any testing.

The STP will outline the test methods and procedures, sample run durations, sampling apparatus, process descriptions, sampling locations, the testing schedule, and any information the BAAD will need to approve the test program, where necessary. A Field Work Safety Plan will also be prepared, as required by the Montrose Injury and Illness Prevention Plan, for use by the test team.

### Task 2: Test Preparation and Mobilization/Travel/Set-Up/Demobilization

A qualified Montrose test team will mobilize to the site, set-up the testing equipment, and conduct the testing as described in this proposal. Upon completion of testing, the test team will tear-down the equipment and demobilize from the site. The test team will consist of One (1) Client Project Manager assisted by One (1) Field Project Manager and One to Two (1-2) Technicians based on the type of testing that is to be performed.

### Task 3: On-Site Testing

Testing will include determination of stack concentrations and mass emissions rates according to the requirements of the permit. The test methods and procedures are listed in Tables One through Four below. The tentative test schedules are presented in Tables Five through Eight.



**TABLE ONE. PROPOSED EMISSION TEST PARAMETERS AND METHODS – MONTHLY TEST**

Test Parameter	Reference Method	Analytical Approach
Oxygen (O <sub>2</sub> )	--	Portable Analyzer
Carbon monoxide (CO)	--	Portable Analyzer
Nitrogen oxides (NO <sub>x</sub> as NO <sub>2</sub> )	--	Portable Analyzer
Fuel Sample for Siloxanes	TO-15	Canister sampling, GC-MS

Note: The Monthly test will be conducted concurrently with the annual Compliance test, but on its own the other months.

**TABLE TWO. PROPOSED EMISSION TEST PARAMETERS AND METHODS – I/C ENGINES COMPLIANCE TEST**

Test Parameter	Reference Method	Analytical Approach
Volumetric flow rate	EPA 1 & 2	Pitot tube traverse
Moisture content	EPA 4	Wet impingement
Oxygen (O <sub>2</sub> )	EPA 3A	Paramagnetism
Carbon dioxide (CO <sub>2</sub> )	EPA 3A	Non-dispersive infrared
Carbon monoxide (CO)	EPA 10	Gas filter correlation
Nitrogen oxides (NO <sub>x</sub> as NO <sub>2</sub> )	EPA 7E	Chemiluminescence
Ammonia (NH <sub>3</sub> ) slip	BAAD ST-1B	Ion selective electrode
<i>Preferred Methods:</i> * NMOC for POC	EPA Alt-78 or Alt-96	Thermo 55C or 55i analyzer
<i>Alternate Methods:</i> Total Hydrocarbons (THC) Methane and Ethane (POC = THC - (methane + ethane))	EPA 25A EPA 18	Flame ionization detection Gas chromatography
<i>Periodic</i> * Fuel analysis	ASTM D-1945/3588	Gas chromatography

\* If the preferred analyzer does not provide reliable results in the field, the alternate method will be used.

\*\* 'Periodic' source test requirements are assumed to be annual for cost estimating purposes in this proposal



**TABLE THREE. PROPOSED EMISSION TEST PARAMETERS AND METHODS – FLARE STARTUP TEST**

Test Parameter	Reference Method	Analytical Approach
Sampling Location Acceptability	EPA 1	3D Pitot tube traverse
Volumetric Flow Rate	EPA 1, EPA 2	Pitot tube traverse
Moisture content	EPA 4	Wet impingement
Oxygen (O <sub>2</sub> )	EPA 3A	Paramagnetism
Carbon dioxide (CO <sub>2</sub> )	EPA 3A	Non-dispersive infrared
Carbon monoxide (CO)	EPA 10	Gas filter correlation
Nitrogen oxides (NO <sub>x</sub> as NO <sub>2</sub> )	EPA 7E	Chemiluminescence
Total Hydrocarbons (THC) Methane and Ethane (POC = THC - (methane + ethane))	EPA 25A EPA 18	Flame ionization detection Gas chromatography
Hydrogen sulfide (H <sub>2</sub> S)	ASTM D-5504	Gas chromatography
Fuel analysis	ASTM D-1945, D-3588, D-5504	Gas chromatography

**TABLE FOUR PROPOSED EMISSION TEST PARAMETERS AND METHODS – EMERGENCY DIESEL GENERATOR STARTUP/ANNUAL TEST**

Test Parameter	Reference Method	Analytical Approach
Volumetric Flow Rate	EPA 1, EPA 2	Pitot tube traverse
Moisture content	EPA 4	Wet impingement
Oxygen (O <sub>2</sub> )	EPA 3A	Paramagnetism
Carbon dioxide (CO <sub>2</sub> )	EPA 3A	Non-dispersive infrared
Carbon monoxide (CO)	EPA 10	Gas filter correlation
Nitrogen oxides (NO <sub>x</sub> as NO <sub>2</sub> )	EPA 7E	Chemiluminescence
Ammonia (NH <sub>3</sub> ) slip	BAAD ST-1B	Ion selective electrode
Particulate matter (PM)	EPA 5	Gravimetric

**Task 4: Laboratory Analysis**

This task includes all laboratory analyses, sample custody and shipment, and lab report review. Montrose personnel will collect and submit all samples associated with this project to a qualified laboratory and will ensure the analyses are provided within the sample hold time to meet the reporting schedule. All laboratory results will be made available to CoSR upon receipt of the laboratory data if requested.

**Task 5: Standard Reporting (deliverable) and EPA ERT (if applicable)**

An electronic version of the draft report will be submitted to CoSR for review within thirty (30) days of the conclusion of the testing. The final version will be submitted to CoSR no more than fifty eight (58) days from completion of the testing. All reports shall include a table of results, permit limits and compliance analysis. The final report will incorporate all pertinent review comments.

An electronic copy of the final reports will be submitted to CoSR for distribution to the various regulatory agencies and/or end users. The report will include a summary of results, descriptions of test procedures used, a description of the sources and their operation, raw field data, equipment calibrations, and other quality assurance documentation in accordance with the agency's reporting guidance and the Montrose Quality Manual. Bound paper copies of protocols or reports may be requested at any time subject to a \$150 per copy charge. Note that EPA Electronic Reporting Tool (ERT) post-test reporting services, if needed, are not included in this proposal.

## Project/Test Schedule

**TABLE FIVE: PROPOSED TEST SCHEDULE – MONTHLY I/C ENGINE TESTING**

Day	Parameter	Runs	Run Duration
-30	Coordinate with City Staff to determine upcoming test dates	-- --	-- --
7	Verify Test dates with site operations personnel, submit notification to the BAAD	-- --	-- --
1	Travel, Site safety training, Set up	--	--
1	<u>Test Engines in Routine Use:</u>		
	<u>S-200 Source Test*</u>	1	15 minutes
	CO, NO <sub>x</sub> (at 15 % O <sub>2</sub> ) - Average		
	<u>S-201 Source Test*</u>	1	15 Minutes
	CO, NO <sub>x</sub> (at 15 % O <sub>2</sub> ) – Average		
	<u>S-202 Source Test*</u>	1	15 Minutes
	CO, NO <sub>x</sub> (at 15 % O <sub>2</sub> ) – Average		
1	<u>S-203 Source Test*</u>	1	15 Minutes
	CO, NO <sub>x</sub> (at 15 % O <sub>2</sub> ) – Average		
	<u>Fuel Sample</u>	1	Grab
	Fuel Siloxanes Content		
30	Data submittal to Environmental Contact	--	--

Note: \*Monthly testing is to only be performed on engines that are in routine use per requirements on plant #1403 PTO.

**TABLE SIX: PROPOSED TEST SCHEDULE – ANNUAL / PERIODIC I/C ENGINE SOURCE TESTS**

Day	Parameter	Runs	Run Duration
-30	Test protocol submittal, BAAD notification	--	--
-7	BAAD Notification of intent to test	--	--
0	Stage for Project	--	--
1	Travel, Site safety training, Set up equipment	-- --	-- --
2	<u>S-200 Source Test</u> NO <sub>x</sub> , CO, O <sub>2</sub> , CO <sub>2</sub> , N <sub>2</sub> Volumetric Fuel flow rate Flow Rate POC, CH <sub>4</sub> , NMOC Fuel Analysis (CO <sub>2</sub> , N <sub>2</sub> , O <sub>2</sub> , CH <sub>4</sub> , NMOC)	3 3 3 3 3/ day	60 minutes each 60 minutes each 30 minutes each 60 minutes each Grab samples
	<u>S-201 Source Test</u> NO <sub>x</sub> , CO, O <sub>2</sub> , CO <sub>2</sub> , N <sub>2</sub> Volumetric Fuel flow rate Flow Rate POC, CH <sub>4</sub> , NMOC Fuel Analysis (CO <sub>2</sub> , N <sub>2</sub> , O <sub>2</sub> , CH <sub>4</sub> , NMOC)	3 3 3 3 3 /day	60 minutes each 60 minutes each 30 minutes each 60 minutes each Grab samples
3	<u>S-202 Source Test</u> NO <sub>x</sub> , CO, O <sub>2</sub> , CO <sub>2</sub> , N <sub>2</sub> Volumetric Fuel flow rate Flow Rate POC, CH <sub>4</sub> , NMOC NH <sub>3</sub> Fuel Analysis (CO <sub>2</sub> , N <sub>2</sub> , O <sub>2</sub> , CH <sub>4</sub> , NMOC)	3 3 3 3 3 3/ day	60 minutes each 60 minutes each 30 minutes each 60 minutes each 60 minutes each Grab samples
	<u>S-203 Source Test</u> NO <sub>x</sub> , CO, O <sub>2</sub> , CO <sub>2</sub> , N <sub>2</sub> Volumetric Fuel flow rate Flow Rate POC, CH <sub>4</sub> , NMOC NH <sub>3</sub> Fuel Analysis (CO <sub>2</sub> , N <sub>2</sub> , O <sub>2</sub> , CH <sub>4</sub> , NMOC)	3 3 3 3 3 3 /day	60 minutes each 60 minutes each 30 minutes each 60 minutes each 60 minutes each Grab samples
4-5	Contingency or Demobilization	--	--
30	Draft report submittal	--	--
5 days after receipt of draft comments	Final report submittal	--	--



**TABLE SEVEN: PROPOSED TEST SCHEDULE – STARTUP FLARE SOURCE TEST**

Day	Parameter	Runs	Run Duration
-30	Test protocol submittal, BAAD notification	-- --	-- --
-7	BAAD Notification of intent to test	--	--
0	Stage for Project	--	--
1	Travel, Site safety training, Set up equipment	-- -- --	-- -- --
2	<u>A-36 Source Test</u>  NO <sub>x</sub> , CO, O <sub>2</sub> , CO <sub>2</sub> , N <sub>2</sub> Volumetric Fuel flow rate Flow Rate POC, CH <sub>4</sub> , NMOC H <sub>2</sub> S Fuel (CO <sub>2</sub> , N <sub>2</sub> , O <sub>2</sub> , CH <sub>4</sub> , NMOC, H <sub>2</sub> S)	3 3 3 3 3 3/ day	60 minutes each 60 minutes each 60 minutes each 30 minutes each 60 minutes each Grab samples
3	Contingency or Demobilization	--	--
30	Draft report submittal	--	--
5 days after receipt of draft comments	Final report submittal	--	--

**TABLE EIGHT: PROPOSED TEST SCHEDULE – STARTUP / ANNUAL EMERGENCY DIESEL GENERATOR SOURCE TEST**

Day	Parameter	Runs	Run Duration
-30	Test protocol submittal, BAAD notification	--	--
-7	BAAD Notification of intent to test	--	--
0	Stage for Project	--	--
1	Travel,	--	--
	Site safety training,	--	--
	Set up equipment	--	--
2	<u>S-7 Source Test</u>		
	NO <sub>x</sub> , CO, O <sub>2</sub> , CO <sub>2</sub> , N <sub>2</sub>	3	60 minutes each
	Volumetric Fuel flow rate	3	60 minutes each
	Flow Rate	3	60 minutes each
	PM	3	60 minutes each
	NH <sub>3</sub>	3	30 minutes each
3	Contingency or Demobilization	--	--
30	Draft report submittal	--	--
5 days after receipt of draft comments	Final report submittal	--	--

## Project Availability

Montrose is committed to providing excellent customer service. The project team will work to meet agreed upon project milestones and schedules.

## Project Team

The following project team biographies summarize the expertise and knowledge of the key project team who will conduct the scope of work. **Attachment A** contains resumes.

Name & Role	Credentials
Christopher Wymore, Field Project Manager	Source Evaluation Society Qualified Source Testing Individual SES Groups 1 and 3 QSTI
Christopher has more than 4 years of stack testing experience across all industries serviced by Montrose	
Kevin Crosby, VP Technical	Source Evaluation Society Board Member
Kevin has more than 45 years of stack testing experience and is a nationally-recognized expert.	
Dan Duncan, Reporting Hub Manager	Source Evaluation Society Qualified Source Testing Individual SES Groups 1 and 3 QSTI
Dan has more than 30 years of stack testing experience and leads our QA/Reporting team.	

## Relevant Experience

Montrose has a core competency in the testing of air toxic contaminants and hazardous air pollutants. Our teams have perfected test methods to achieve some of the lowest detection limits in the industry, while still maintaining outstanding blank levels.

We perform the actual sampling activity associated with stack emissions quantification, HAPs quantifications, and baseline emissions assessments. We are a capital-intensive testing company with a large span of operations. Recent examples of relevant experience with similar facilities includes:

Client Contact	Dollar Value	Start - End
<b>Client:</b> City of Palo Alto <b>Contact Name:</b> Samantha Engelage <b>Address:</b> 2501 Embarcadero Way <b>Tel:</b> (650) 329-2123	\$49,500 Year	2018 - 2020

### Scope of work: Sludge Incinerator Compliance Testing

The Palo Alto facility generates waste sludge from its primary treatment units and its secondary, waste activated sludge treatment process. This sludge is the primary feedstock to the incinerators.

Combustion gases leaving the furnace gas outlet are fed to an afterburner (A-20) and then to a wet scrubber (A-22) before they are exhausted into the atmosphere. Testing was done to demonstrate compliance with PTO and CAA 129 obligations.

Client Contact:	Dollar Value	Start - End
<b>Client:</b> Contra Costa Central Sanitary District <b>Contact Name:</b> Robert Hess <b>Address:</b> 5019 Imhoff Place <b>Tel.:</b> (925) 229-7242	Cumulative Annual: >\$50,000	2012-2023

### Scope of work: Annual Compliance Testing and Semi-Annual toxics Testing

Central Contra Costa Sanitary District is a wastewater treatment facility located in Martinez, California. The facility has a permitted dry weather treatment capacity of 54 million gallons per day. The facility operates two Multiple Hearth Furnace (MHF) sewage sludge incinerators capable of firing on landfill gas and natural gas.

Annual testing is performed for multiple process units at the Martinez facility. This includes Boilers, Cogen, Furnaces and TAC (toxic air contaminant) emissions compliance activities.





2825 Verne Roberts Circle  
Antioch, CA 94509

## Lump Sum Quotation

The lump sum quotation represents the amount to be invoiced for the proposed testing as described in this document. The costs are detailed below and include all labor, equipment, parts, calibration gases, shipping, per diem, transportation costs, and other miscellaneous items required to successfully conduct the emission tests.

Cost Breakdown	
<b>Monthly I/C Engine Testing (OPP-2025-07-01-72915)</b>	
Safety	\$ 73
Planning and Protocol	\$ 260
Test Preparation	\$ 290
Mobilization/Travel/Set Up/Demobilization	\$ 1,162
On-Site Testing	\$ 1,237
Laboratory Analysis	\$ 885
Standard Reporting	\$ 955
EPA ERT	\$ N/A
<b>Total</b>	<b>\$ 4,861 /mo. (\$58,332 /yr.)</b>

Cost Breakdown	
<b>Annual I/C Engine Testing (4-Engine Mobilization) (OPP-2025-07-11-073330)</b>	
Safety	\$ 405
Planning and Protocol	\$ 1,868
Test Preparation	\$ 1,620
Mobilization/Travel/Set Up/Demobilization	\$ 5,856
On-Site Testing	\$ 17,387
Laboratory Analysis	\$ 9,063
Standard Reporting	\$ 5,268
EPA ERT	\$ N/A
<b>Total</b>	<b>\$ 41,467</b>

**Cost Breakdown**
**Optional Annual I/C Engine Testing (1-Engine Mobilization) (OPP-2025-06-16-072286)**

Safety	\$ 405
Planning and Protocol	\$ 1,867
Test Preparation	\$ 1,620
Mobilization/Travel/Set Up/Demobilization	\$ 6,405
On-Site Testing	\$ 8,763
Laboratory Analysis	\$ 2,338
Standard Reporting	\$ 3,228
EPA ERT	\$ N/A
<b>Total</b>	<b>\$ 24,626</b>

**Cost Breakdown**
**Startup Flare Testing (OPP-2025-02-08-066104)**

Safety	\$ 659
Planning and Protocol	\$ 2,139
Test Preparation	\$ 5,108
Mobilization/Travel/Set Up/Demobilization	\$ 9,420
On-Site Testing	\$ 14,687
Laboratory Analysis	\$ 7,226
Standard Reporting	\$ 5,798
EPA ERT	\$ N/A
<b>Total</b>	<b>\$ 45,037</b>

### Cost Breakdown

#### Startup/Annual Emergency Diesel Generator Testing (OPP-2025-07-01-072924)

Safety	\$ 575
Planning and Protocol	\$ 1,380
Test Preparation	\$ 3,240
Mobilization/Travel/Set Up/Demobilization	\$ 8,669
On-Site Testing	\$ 8,249
Laboratory Analysis	\$ 1,515
Standard Reporting	\$ 5,710
EPA ERT	\$ N/A
<b>Total</b>	<b>\$ 29,338</b>

Progress invoices will be issued incrementally in the form of two invoices: (1) the first invoice is issued after completion of the field work and includes project management, preparation, equipment fees, specialized rentals, mobilization, performance of the field work, and analytical tasks, and (2) the second invoice includes the reporting and ERT (if applicable) and is issued upon delivery of the final report, or five business days following delivery of the draft report. Time and materials (T&M) and optional testing may be invoiced separately.

Should changes in scope become necessary (e.g. remobilization, out of scope, standby time, etc.), the lump sum quotation will be adjusted according to the standard fee schedule for source testing attached, plus all applicable lab fees, equipment and expenses. Note that overtime rates shall be invoiced when applicable. It is understood that out of scope work will need client authorization prior to commencement.

## Conflict of Interest

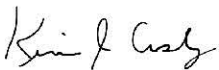
Montrose does not have any actual, apparent, direct or indirect, or potential conflicts of interest that may exist with respect to the firm, management, or employees for the firm or other persons relative to the services to be provided for this project.

## Terms and Conditions

Montrose proposes performing the scope of work outlined in this qualifications package in accordance with the Standard Terms and Conditions outlined in **Attachment B**. Additional terms and conditions for source testing are also included with this attachment.

Montrose is committed to the successful completion of this project on time and within the specified cost. If this proposal is acceptable to you in its present form, please submit your purchase order information so that we may secure the test dates. Upon receipt of the purchase order, we will commence the performance of the services described herein. Should you have any questions or comments regarding this proposal, please do not hesitate to call me at 925-381-9635 or Chris Wymore at 562-280-5471. Thank you again for the opportunity.

Very truly yours,



Kevin Crosby  
VP, Technical  
Montrose Air Quality Services



Christopher Wymore  
Client Project Manager  
Montrose Air Quality Services

Attachment: Terms and Conditions

The information contained in this proposal is proprietary and contains confidential information which is of significant economic value to *MONTROSE AIR QUALITY SERVICES, LLC*. It is intended to be used only for evaluation of our qualifications for providing services. It should not be duplicated, used, re-written or disclosed in whole or in part for any purpose other than to evaluate this proposal and quotation.



## Rate Schedule

Pursuant to the requirements of the bid, Montrose is including our rate schedule below for the proposed testing as described in this document.



FEE SCHEDULE FOR Source Testing - Antioch  
 Effective January 1, 2024

<u>FIELD TESTING PERSONNEL</u>	<u>HOURLY RATE (\$)</u>
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Consultant, VP .....	271
Client Project Manager, Senior Chemist .....	205
Field Project Manager, Chemist .....	150
Senior Technician .....	121
Field Technician .....	99

<u>SUPPORT PERSONNEL</u>	<u>HOURLY RATE (\$)</u>
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Senior Office Worker, Safety Officer .....	97
Office Worker (Staff Personnel, Level I) .....	78

<u>OVERTIME RATE</u>	<u>HOURLY RATE (\$)</u>
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Over 8 hours per day or between 40 and 60 hours per week .....	Standard Rate x 1.5
Over 12 hours per day or over 60 hours per week .....	Standard Rate x 2
Weekends and Holidays will be billed at overtime rates	

<u>OVERHEAD DIRECT COSTS</u>	<u>UNIT RATE (\$)</u>
------------------------------	-----------------------

Meal Per Diem .....	68.75/day
Mobile Lab Vehicle Mileage .....	1.50/mile
Personal Vehicle Mileage .....	0.655/mile
Other ODC's (i.e. hotels, rentals, purchases, analytical costs, supplies) .....	Cost Plus 15%

<u>TESTING EQUIPMENT FEES</u>	<u>DAILY RATE (\$)</u>
-------------------------------	------------------------

Complete All-Inclusive CEMS (O <sub>2</sub> , CO <sub>2</sub> , NO <sub>x</sub> , CO) – mileage not included .....	1,240
Mobile Sample Recovery Laboratory, no CEMS - mileage not included .....	435
Data Acquisition System or Strip Chart Recorders .....	120
O <sub>2</sub> or CO <sub>2</sub> Analyzer .....	150
CO or NO <sub>x</sub> Analyzer .....	200
Portable O <sub>2</sub> , NO <sub>x</sub> , CO Analyzer .....	225
SO <sub>2</sub> Analyzer .....	260
THC Analyzer .....	350

FTIR Analyzer (on site) .....	875 plus shipping if applicable
Ohio Lumex RA 915+ mercury instrument.....	500 plus shipping if applicable
ESC Auto-Hg Sample System.....	200
Heated sample line, 50 or 100 Ft.....	100
Isokinetic Sampling System.....	250
Non-Isokinetic Pump & Meter.....	200
Low Flow Meter Box or 3D Console.....	250
201A Cyclone / Cascade Impactor.....	150
On-Site NH <sub>3</sub> Analysis Kit .....	255
Analytical Scale (on site) .....	175

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## Document History



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