

**Board Report**

File #: 2024-0026, **File Type:** Contract**Agenda Number:** 37.

**OPERATIONS, SAFETY, AND CUSTOMER EXPERIENCE COMMITTEE
MARCH 21, 2024****SUBJECT: CONTRACT MODIFICATIONS FOR RENEWABLE NATURAL GAS (RNG)
CONTRACTS****ACTION: APPROVE RECOMMENDATION****RECOMMENDATION**

AUTHORIZE the Chief Executive Officer (CEO) to:

- A. EXECUTE Modification No. 6 to Contract No. OP73960000 with Clean Energy Renewable Fuels, LLC. to increase the contract value by \$20,204,040 from \$56,048,630 to \$76,252,670 and extend the contract performance end date by seventeen months from July 31, 2024, to December 31, 2025, to provide renewable natural gas to five bus operating divisions;
- B. EXECUTE Modification No. 4 to Contract No. OP59812000A with Clean Energy Renewable Fuels to increase the 5-year base contract value by \$22,023,615 from \$43,626,286 to \$65,649,901;
- C. EXECUTE Modification No. 3 to Contract No. OP59812000B with Shell Energy North America (US) to increase the 5-year base contract value by \$4,224,175 from \$10,888,120 to \$15,112,295; and
- D. EXECUTE Modification No. 2 to Contract No. OP59812000C with Trillium USA Company, LLC. to increase the 5-year base contract value by \$7,112,949 from \$12,379,477 to \$19,492,426.

ISSUE

Metro uses Renewable Natural Gas (RNG) fuel to power the engines on the majority of the bus fleet. RNG fuel is currently being procured under four contracts due to limited RNG availability from one single supplier, with one contract scheduled to conclude on July 31, 2024, and the remaining three contracts set to expire on December 31, 2025.

This Board action is intended to add contract value to all the current RNG contracts and extend one current RNG contract term. The intent is to align the four existing contracts to expire on December 31, 2025. Since the volume of RNG has become more readily available regardless of the source or supplier, staff will initiate the procurement of one consolidated contract for RNG in late 2024 and

return to the Board for approval of the new consolidated contract prior to the expiration of the existing contracts in December 2025.

BACKGROUND

Metro's bus fleet operates using RNG, which is procured under four contracts. The first contract number OP7396000 with Clean Energy was approved by the Board in July 2017. The contract consisted of a one-year base and one four-year option. It was subsequently extended by an additional two years, which brought the expiration date to July 31, 2024. The contract serves five Metro bus divisions. Metro was unable to procure RNG for all facilities utilizing the 2017 contract due to the limited availability of RNG. In October 2020, Metro awarded three additional contracts that expanded the delivery of RNG fuel to the remaining bus divisions. At that time, RNG sources had become more available. These five-year contracts with Clean Energy, Shell, and Trillium will expire on December 31, 2025.

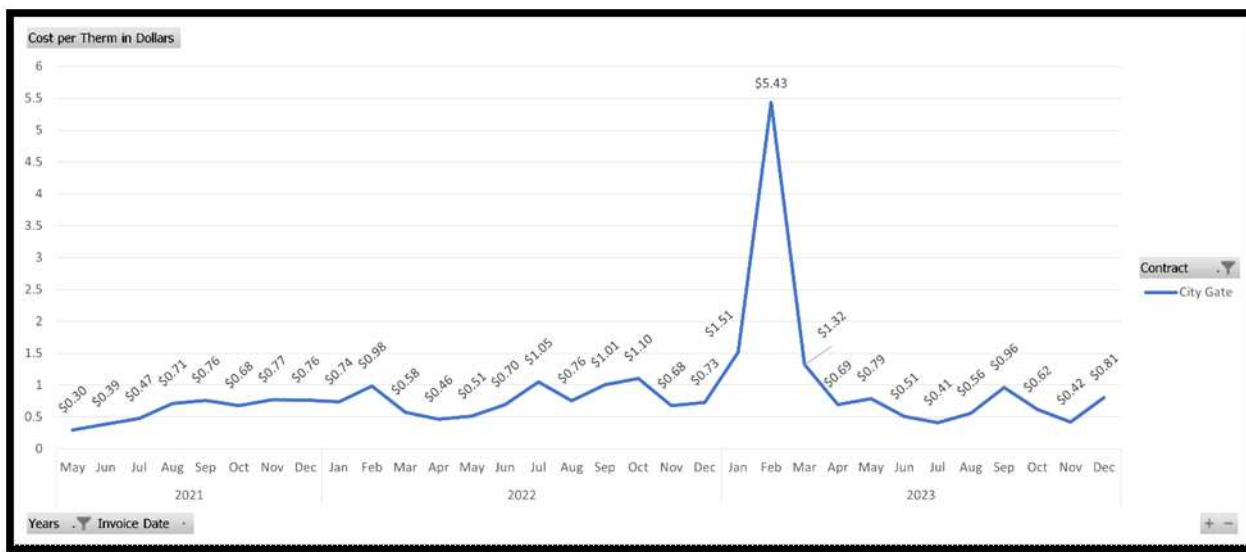
DISCUSSION

Metro continues the development and installation of the electric bus charging infrastructure and procurement of new electric buses. Metro will continue to achieve greenhouse gas emissions and criteria air pollutant reduction goals during this transition by using Compressed Natural Gas (CNG) buses using RNG fuel during this transition.

Renewable natural gas can be difficult to differentiate from fossil fuel based natural gas, since both gases can be used interchangeably in the same applications. The main difference between natural gas and RNG lies in each gases' production methods, and consequently their environmental impacts. RNG is a carbon-neutral fuel that captures human-generated biogas already present in the environment in landfills, wastewater treatment plants and livestock operations. Raw biogas or methane from these sources is then converted into RNG at a treatment plant. Methane capturing helps mitigate climate change by capturing harmful gases that would otherwise be released into the atmosphere and pollute the communities where landfills and livestock operations exist. RNG is considered renewable as it comes from naturally occurring sources.

As Metro phases in Zero-Emission Buses (ZEBs), beginning at the G and J-Lines, staff will be able to collect data that will inform the pace of RNG reduction over the next few years. The phasing of new ZEB deliveries and completion of ZEB infrastructure will further refine the information.

The contracts' end date synchronization will provide staff with time to accurately assess future gas consumption needs, although RNG consumption is anticipated to decline with the expanded delivery and use of ZEBs.. The procurement of electric buses is currently underway, and construction of the charging infrastructure is in process. As additional electric buses are placed into service, staff will be able to more accurately assess the declining demand for RNG as CNG buses are systematically retired from service. Additional funding is required to fuel the existing fleet of Metro buses operating on RNG to prepare Metro for any future significant cost fluctuations. This provides reliable and essential transit service to our customers through the smooth and uninterrupted operation of the bus fleet.



Action is required to increase the contract values for all contracts at this time due to limited contract authority. The contracts are now approaching their maximum value due to the unprecedented price spike in the gas industry from late 2022 to early 2023. The graph above illustrates that the price per therm increased to \$5.43 compared to \$0.98 in the same period in 2022, which resulted in increased expenditures of about \$17.5 million over a four-month period. Prices have since stabilized.

DETERMINATION OF SAFETY IMPACT

The award of this contract will ensure that all operating divisions have an adequate supply of renewable natural gas for the Metro bus fleet that provides safe, clean, and reliable transportation service for Metro customers. The use of RNG improves safety since RNG is a carbon-neutral fuel that is produced through the capture of human-generated biogas that is already present in the environment in landfills, wastewater treatment plants, and livestock operations. The capturing of these gases improves the safety of our communities by capturing the harmful gases that would otherwise be released to the atmosphere and pollute our environment.

FINANCIAL IMPACT

The contract modifications will increase \$53,564,779 in contract authority to provide funding for renewable natural gas at existing market rates and provide contingency in the event of future spikes in the market rate for natural gas. Funding for RNG will be included in FY25 and FY26 operating budgets in various bus divisions cost centers, under project 306002 - Operations Maintenance, under line item 50402 FUEL CNG - REVENUE EQUIPMENT. Cost center managers and the Chief Operations Officer will be responsible for budgeting the cost of RNG in the future fiscal years.

Under the California Air Resources Board's (CARB) Low Carbon Fuel Standard (LCFS) and the US Environmental Protection Agency's Renewable Index Numbers (RINs) programs, Metro is currently generating credits through the dispensing of natural gas for bus fueling and use of electricity for light

and heavy rail propulsion. Specific to renewable natural gas, the lower carbon index value of the fuel allows us to generate carbon credits. These carbon credits are managed through the Metro Office of Sustainability and sold by Metro's Vendor/Contract Management, with proceeds reinvested towards Metro sustainability and resiliency initiatives, consistent with the 2020 10-year Sustainability Strategic Plan.

Impact to Budget

The current sources of funds for this action are Federal 5307, Proposition A, Proposition C, Measure R, Measure M, and Transportation Development Act. This funding is eligible for bus and rail operations.

EQUITY PLATFORM

This action ensures the uninterrupted operation of Metro's bus fleet that serves Los Angeles County and disproportionately serves marginalized and vulnerable transit riders. RNG is needed to be able to provide reliable and safe bus service until ZEBs can be phased in and ensure that the bus fleet that serves most regions in Los Angeles County, including many underserved communities, can provide safe, clean, and reliable services to neighborhoods where disparities within the region can exist between residents' access to jobs, housing, education, health, and safety. Bus Fleet Management works to maintain equity in bus assignments in accordance with Title VI of the Federal regulations. Fleet Management will continue to focus on maintaining equity in EFC/low-income communities as newer buses arrive in the coming years.

The Diversity & Economic Opportunity Department did not establish a Disadvantaged Business Enterprise (DBE) goal for this project due to the lack of subcontracting opportunities. The Prime Contractor, Clean Energy Renewable Fuels, LLC, is performing the work with its own workforce.

IMPLEMENTATION OF STRATEGIC PLAN GOALS

The RNG contracts support Strategic Goal 2: Deliver outstanding trip experiences for all users of the transportation system. Renewable natural gas is required for the bus fleet, providing clean, safe, and reliable transportation services for Metro customers.

ALTERNATIVES CONSIDERED

The alternative is to continue procurement of RNG utilizing the four contracts with various contract end dates. In this scenario, Metro would still need to increase the contract authority for three contracts, Contract No. OP59812000A with Clean Energy, Contract No. OP59812000B with Shell, and Contract No. OP59812000C with Trillium as a separate board item. This approach is not recommended since conversion to a single contract for RNG is anticipated to provide better pricing and services for the delivery of natural gas. There is currently enough renewable natural gas supply accessible to any single supplier in the market.

Procurement of renewable natural gas from retail stations outside of the contract is not feasible due to the large size of our bus fleet. The procurement of non-renewable natural gas is not recommended as it would result in the loss of environmental benefits, carbon credits, and

revenues.

Another alternative considered to address price volatility is hedging. Commodity Swap/Cash Settlement Agreements ("Commodity Hedges") can be entered into to mitigate the volatility in index pricing. Staff monitors the market pricing of Commodity Hedges regularly. Historically, on average the price of entering Commodity Hedges has either exceeded the price of purchasing RNG at market rates or RNG market rates have fallen within a reasonable range of annual budgetary tolerance. At this time, staff does not recommend entering into Commodity Hedges but will continue to monitor market pricing of these instruments.

NEXT STEPS

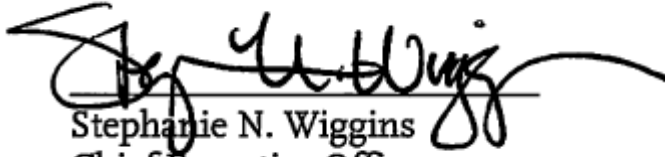
Upon approval, staff will execute Modification No. 6 to Contract No. OP73960000 with Clean Energy, Modification No. 4 to Contract No. OP59812000A with Clean Energy, Modification No. 3 to Contract No. OP59812000B with Shell, and Modification No. 2 to Contract No. OP59812000C with Trillium, to continue supplying renewable natural gas for Metro's bus fleet to December 31, 2025.

ATTACHMENTS

Attachment A - Procurement Summary OP7396000 Clean Energy
Attachment B - Contract Modification Change Order Log OP7396000 Clean Energy
Attachment C - DEOD Summary OP7396000 Clean Energy
Attachment D - Procurement Summary OP59812000A Clean Energy
Attachment E - Contract Modification Change Order Log OP59812000A Clean Energy
Attachment F - DEOD Summary OP59812000A Clean Energy
Attachment G - Procurement Summary OP59812000B Shell Energy
Attachment H - Contract Modification Change Order Log OP59812000B Shell Energy
Attachment I - DEOD Summary OP59812000B Shell Energy
Attachment J - Procurement Summary OP59812000C Trillium USA
Attachment K - Contract Modification Change Order Log OP59812000C Trillium USA
Attachment L - DEOD Summary OP59812000C Trillium USA

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Stephanie N. Wiggins
Chief Executive Officer

PROCUREMENT SUMMARY

RENEWABLE NATURAL GAS (RNG)/
CONTRACT NO. OP7396000

1.	Contract Number: OP7396000		
2.	Contractor: Clean Energy Renewable Fuels		
3.	Mod. Work Description: Extend the Period of Performance by 17 months and add funds to the contract		
4.	Contract Work Description: Biomethane provider		
5.	The following data is current as of: 01-05-24		
6.	Contract Completion Status		Financial Status
	Contract Awarded:	08-01-2017	Contract Award Amount: \$1,240,520
	Notice to Proceed (NTP):	08-01-2017	Total of Modifications Approved: \$54,808,110
	Original Complete Date:	07-31-24	Pending Modifications (Including this action): \$20,204,040
	Current Est. Complete Date:	12-31-25	Current Contract Value (with this action): \$76,252,670
7.	Contract Administrator: Loretta Norris		Telephone Number: 213-922-2632
8.	Project Manager: Dan Ramirez		Telephone Number: 213-922-5797

A. Procurement Background

This Board Action is to approve Contract Modification No. 6 issued in support of:

Extending the term and increasing the total not-to-exceed amount by \$20,204,040 to \$76,252,670.

This Contract Modification will be processed in accordance with Metro's Acquisition Policy and the contract type is firm fixed price.

The original contract was approved by the Board on May 25, 2017, to Clean Energy Renewable Fuels for a one-year base period in the amount of \$1,240,520 with a four-year option term for a total not-to-exceed amount of \$56,048,630.

5 (five) contract modifications have been issued to date.

(Refer to Attachment B – Contract Modification/Change Order Log)

B. Cost/Price Analysis

The recommended price has been determined to be fair and reasonable based on the analysis completed as part of the total contract amount. The price of the contract was established in May 2017 as part of the competitive contract award and shall remain unchanged. Extending the contract term will provide continuity of the service and is in the best interest of Metro. Clean Energy Renewable Fuels is not escalating their competitively obtained unit rates for the 17-month extension, which was the basis of Metro's ICE. Therefore, the proposed amount, Metro ICE, and the negotiated amount are all consistent.

Proposal Amount	Metro ICE	Negotiated Amount
\$76,252,670	\$76,252,670	\$76,252,670

ATTACHMENT B

CONTRACT MODIFICATION/CHANGE ORDER LOG

RENEWABLE NATURAL GAS (RNG)/CONTRACT NO. OP7396000

Mod. no.	Description	Status (approved or pending)	Date	\$ Amount
1	Revised Exhibit G, Transaction Confirmation form	Approved	8.02.17	\$0.00
2	Revised Exhibit G, Transaction Confirmation form	Approved	8.07.17	\$0.00
3	Exercise four-year option term	Approved	8.01.18	\$54,808,110
4	Revised Exhibit G, Transaction Confirmation form	Approved	3.19.20	\$0.00
5	Extend period of performance through 7/31/24	Approved	6.13.22	\$0.00
6	Increase contract value and extension of period of performance through 12/31/25	Pending	TBD	\$20,204,040
	Modification Total:			\$75,012,150
	Original Contract:	Approved	8.01.17	\$1,240,520
	Total:			\$76,252,670

DEOD SUMMARY

RENEWABLE NATURAL GAS (RNG) CONTRACTS/OP73960000

A. Small Business Participation

The Diversity & Economic Opportunity Department did not establish a Disadvantaged Business Enterprise (DBE) goal for this project due to the lack of subcontracting opportunities. The Prime Contractor, Clean Energy Renewable Fuels, LLC, is performing the work with its own workforce.

B. Living Wage and Service Contract Worker Retention Policy Applicability

A review of the current service contract indicates that the Living Wage and Service Contract Worker Retention Policy (LW/SCWRP) was not applicable at the time of award. Therefore, the LW/SCWRP is not applicable to this modification.

C. Prevailing Wage Applicability

Prevailing Wage is not applicable to this modification.

D. Project Labor Agreement/Construction Careers Policy

Project Labor Agreement/Construction Careers Policy is not applicable to this Contract. Project Labor Agreement/Construction Careers Policy is applicable only to construction contracts that have a construction contract value in excess of \$2.5 million.

PROCUREMENT SUMMARY

RENEWABLE NATURAL GAS (RNG)/ CONTRACT NO. OP59812000A

1.	Contract Number: OP59812000A			
2.	Contractor: Clean Energy Renewable Fuels			
3.	Mod. Work Description: Add funds to the contract			
4.	Contract Work Description: Biomethane provider			
5.	The following data is current as of: 01.05.24			
6.	Contract Completion Status		Financial Status	
	Contract Awarded:	01-01-2021	Contract Award Amount:	\$25,231,467
	Notice to Proceed (NTP):	01-01-2021	Total of Modifications Approved:	\$18,394,819
	Original Complete Date:	12-31-25	Pending Modifications (Including this action):	\$22,023,615
	Current Est. Complete Date:	12-31-25	Current Contract Value (with this action):	\$65,649,901
7.	Contract Administrator: Lorretta Norris		Telephone Number: 213-922-2632	
8.	Project Manager: Dan Ramirez		Telephone Number: 213-922-5797	

A. Procurement Background

This Board Action is to approve Contract Modification No. 4 issued in support of:

Increasing the total not-to-exceed amount by \$22,023,615 to \$65,649,901.

This Contract Modification will be processed in accordance with Metro's Acquisition Policy and the contract type is firm fixed price.

The original contract was approved by the Board on October 15, 2020, to Clean Energy Renewable Fuels for a five-year base period with a three-year option term for a total not-to-exceed amount of \$43,626,286.

3 (three) contract modifications have been issued to date.

(Refer to Attachment D – Contract Modification/Change Order Log)

B. Cost/Price Analysis

The recommended price has been determined to be fair and reasonable based on the analysis completed as part of the total contract amount. The price of the contract was established in October 2020 as part of the competitive contract award and shall remain unchanged. Increasing the contract value will provide continuity of the service and is in the best interest of Metro. Clean Energy Renewable Fuels is not escalating their competitively obtained unit rates, which was the basis of Metro’s ICE. Therefore, the proposed amount, Metro ICE, and the negotiated amount are all consistent.

Proposal Amount	Metro ICE	Negotiated Amount
\$65,649,901	\$65,649,901	\$65,649,901

ATTACHMENT E

CONTRACT MODIFICATION/CHANGE ORDER LOG

RENEWABLE NATURAL GAS (RNG)/ CONTRACT NO. OP59812000A

Mod. no.	Description	Status (approved or pending)	Date	\$ Amount
1	Revised Exhibit C, Transaction Confirmation form	Approved	2.19.21	\$0.00
2	Contractor's name correction	Approved	7.11.22	\$0.00
3	Increase contract value	Approved	5.01.23	\$18,394,819
4	Increase contract value	Pending	TBD	\$22,023,615
	Modification Total:			\$40,418,434
	Original Contract:	Approved	1.01.21	\$25,231,467
	Total:			\$65,649,901

DEOD SUMMARY

RENEWABLE NATURAL GAS (RNG) CONTRACTS / OP59812000A

A. Small Business Participation

The Diversity & Economic Opportunity Department did not establish a Disadvantaged Business Enterprise (DBE) goal for this project due to the lack of subcontracting opportunities. The Prime Contractor, Clean Energy Renewable Fuels, LLC, is performing the services with its own workforce.

B. Living Wage and Service Contract Worker Retention Policy Applicability

A review of the current service contract indicates that the Living Wage and Service Contract Worker Retention Policy (LW/SCWRP) was not applicable at the time of award. Therefore, the LW/SCWRP is not applicable to this modification.

C. Prevailing Wage Applicability

Prevailing Wage is not applicable to this modification.

D. Project Labor Agreement/Construction Careers Policy

Project Labor Agreement/Construction Careers Policy is not applicable to this Contract. Project Labor Agreement/Construction Careers Policy is applicable only to construction contracts that have a construction contract value in excess of \$2.5 million.

PROCUREMENT SUMMARY

RENEWABLE NATURAL GAS (RNG)/CONTRACT NO. OP59812000B

1.	Contract Number: OP59812000B		
2.	Contractor: Shell Energy North America (US)		
3.	Mod. Work Description: Add funds to the contract		
4.	Contract Work Description: Biomethane provider		
5.	The following data is current as of: 01.05.24		
6.	Contract Completion Status		Financial Status
	Contract Awarded:	01-01-2021	Contract Award Amount: \$6,504,988
	Notice to Proceed (NTP):	01-01-2021	Total of Modifications Approved: \$4,383,132
	Original Complete Date:	12-31-25	Pending Modifications (Including this action): \$4,224,175
	Current Est. Complete Date:	12-31-25	Current Contract Value (with this action): \$15,112,295
7.	Contract Administrator: Lorretta Norris		Telephone Number: 213-922-2632
8.	Project Manager: Dan Ramirez		Telephone Number: 213-922-5797

A. Procurement Background

This Board Action is to approve Contract Modification No. 3 issued in support of:

Increasing the total not-to-exceed amount by \$4,224,175 to \$15,112,295.

This Contract Modification will be processed in accordance with Metro's Acquisition Policy and the contract type is firm fixed price.

The original contract was approved by the Board on October 15, 2020, to Shell Energy North America (US) for a five-year base period with a three-year option term for a total not-to-exceed amount of \$10,888,120.

2 (two) contract modifications have been issued to date.

(Refer to Attachment F – Contract Modification/Change Order Log)

B. Cost/Price Analysis

The recommended price has been determined to be fair and reasonable based on the analysis completed as part of the total contract amount. The price of the contract was established in October 2020 as part of the competitive contract award and shall remain unchanged. Increasing the contract value will provide continuity of the service and is in the best interest of Metro. Shell Energy North America (US) is not escalating their competitively obtained unit rates, which was the basis of Metro's ICE. Therefore, the proposed amount, Metro ICE, and the negotiated amount are all consistent.

Proposal Amount	Metro ICE	Negotiated Amount
\$15,112,295	\$15,112,295	\$15,112,295

ATTACHMENT H

CONTRACT MODIFICATION/CHANGE ORDER LOG

RENEWABLE NATURAL GAS (RNG)/CONTRACT NO. OP59812000B

Mod. no.	Description	Status (approved or pending)	Date	\$ Amount
1	Revised Exhibit C, Transaction Confirmation form	Approved	2.10.21	\$0.00
2	Increase contract value	Approved	5.01.23	\$4,383,132
3	Increase contract value	Pending	TBD	\$4,224,175
	Modification Total:			\$8,607,307
	Original Contract:	Approved	1.01.21	\$6,504,988
	Total:			\$15,112,295

DEOD SUMMARY

RENEWABLE NATURAL GAS (RNG) CONTRACTS / OP59812000B

A. Small Business Participation

The Diversity & Economic Opportunity Department did not establish a Disadvantaged Business Enterprise (DBE) goal for this project due to the lack of subcontracting opportunities. The Prime Contractor, Shell Energy North America (US), is performing the services with its own workforce.

B. Living Wage and Service Contract Worker Retention Policy Applicability

A review of the current service contract indicates that the Living Wage and Service Contract Worker Retention Policy (LW/SCWRP) was not applicable at the time of award. Therefore, the LW/SCWRP is not applicable to this modification.

C. Prevailing Wage Applicability

Prevailing Wage is not applicable to this modification.

D. Project Labor Agreement/Construction Careers Policy

Project Labor Agreement/Construction Careers Policy is not applicable to this Contract. Project Labor Agreement/Construction Careers Policy is applicable only to construction contracts that have a construction contract value in excess of \$2.5 million.

PROCUREMENT SUMMARY

BIOMETHANE (RENEWABLE NATURAL GAS)
CONTRACT NO. OP59812000C

1.	Contract Number: OP59812000C		
2.	Contractor: Trillium USA Company		
3.	Mod. Work Description: Add funds to the contract		
4.	Contract Work Description: Biomethane provider		
5.	The following data is current as of: 01.05.24		
6.	Contract Completion Status		Financial Status
	Contract Awarded:	01-01-2021	Contract Award Amount: \$7,884,833
	Notice to Proceed (NTP):	01-01-2021	Total of Modifications Approved: \$4,494,644
	Original Complete Date:	12-31-25	Pending Modifications (Including this action): \$7,112,949
	Current Est. Complete Date:	12-31-25	Current Contract Value (with this action): \$19,492,426
7.	Contract Administrator: Lorretta Norris		Telephone Number: 213-922-2632
8.	Project Manager: Dan Ramirez		Telephone Number: 213-922-5797

A. Procurement Background

This Board Action is to approve Contract Modification No. 2 issued in support of:

Increasing the total not-to-exceed amount by \$7,112,949 to \$19,492,426.

This Contract Modification will be processed in accordance with Metro's Acquisition Policy and the contract type is firm fixed price.

The original contract was approved by the Board on October 15, 2020, to Trillium USA Company for a five-year base period with a three-year option term for a total not-to-exceed amount of \$12,379,477.

1 (one) contract modification has been issued to date.

(Refer to Attachment H – Contract Modification/Change Order Log)

B. Cost/Price Analysis

The recommended price has been determined to be fair and reasonable based on the analysis completed as part of the total contract amount. The price of the contract was established in October 2020 as part of the competitive contract award and shall remain unchanged. Increasing the contract value will provide continuity of the service and is in the best interest of Metro. Trillium USA Company is not escalating their competitively obtained unit rates, which was the basis of Metro's ICE. Therefore, the proposed amount, Metro ICE, and the negotiated amount are all consistent.

Proposal Amount	Metro ICE	Negotiated Amount
\$19,492,426	\$19,492,426	\$19,492,426

ATTACHMENT K

CONTRACT MODIFICATION/CHANGE ORDER LOG

RENEWABLE NATURAL GAS (RNG)/CONTRACT NO. OP59812000C

Mod. no.	Description	Status (approved or pending)	Date	\$ Amount
1	Increase contract value	Approved	5.01.23	\$4,494,644
2	Increase contract value	Pending	TBD	\$7,112,949
	Modification Total:			\$11,607,593
	Original Contract:	Approved	1.01.21	\$7,884,833
	Total:			\$19,492,426

DEOD SUMMARY

RENEWABLE NATURAL GAS (RNG) CONTRACTS / OP59812000C

A. Small Business Participation

The Diversity & Economic Opportunity Department did not establish a Disadvantaged Business Enterprise (DBE) goal for this project due to the lack of subcontracting opportunities. The Prime Contractor, Trillium USA Company, LLC, is performing the services with its own workforce.

B. Living Wage and Service Contract Worker Retention Policy Applicability

A review of the current service contract indicates that the Living Wage and Service Contract Worker Retention Policy (LW/SCWRP) was not applicable at the time of award. Therefore, the LW/SCWRP is not applicable to this modification.

C. Prevailing Wage Applicability

Prevailing Wage is not applicable to this modification.

D. Project Labor Agreement/Construction Careers Policy

Project Labor Agreement/Construction Careers Policy is not applicable to this Contract. Project Labor Agreement/Construction Careers Policy is applicable only to construction contracts that have a construction contract value in excess of \$2.5 million.



Renewable Natural Gas (RNG)

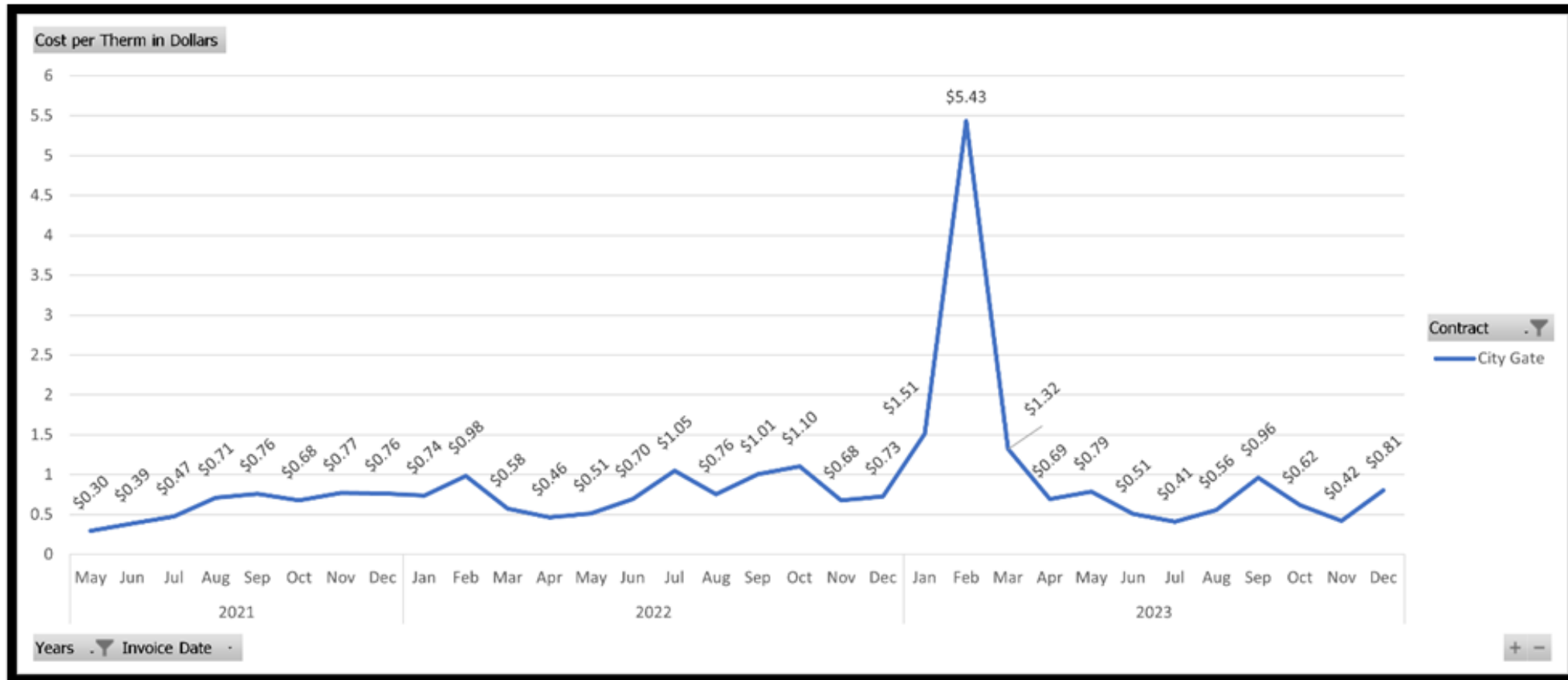
Operations, Safety, and Customer Experience
March 21, 2024

Renewable Natural Gas (RNG) - Background

- Majority of Metro's fleet of over 2,000 buses use Renewable Natural Gas (RNG)
 - Battery electric buses currently account for 50 buses and will increase to 145 buses this year
- RNG was procured under four contracts due to limited availability
 - Clean Energy contract approved in July 2017 for five bus divisions
 - Contract expiration date is July 31, 2024
 - Shell, Trillium, and Clean Energy contracts awarded in October 2020
 - Three contracts provide fuel for remaining five bus divisions
 - Contract expiration is December 31, 2025
- Spike in natural gas prices in 2023 impacted remaining Board authority

Renewable Natural Gas (RNG) – Impact to Budget Authority

- Board action required due to unprecedented spike in natural gas prices
 - Price per therm increased from \$0.98 to \$5.43 in 2023
 - Multi-million dollar budget impact resulted in need to act earlier than original plans



Renewable Natural Gas (RNG) – Requested Actions

- **Modification to original Clean Energy contract**
 - Increase contract authority by \$20,204,040 and extend performance end date to December 31, 2025
 - Includes small contingency to address potential future fuel price spikes
- **Modifications to three other contracts with Shell, Trillium, and Clean Energy**
 - Increase contract authority by \$33,360,739
 - Includes small contingency to address potential future fuel price spikes
- **RNG expenditures occur on an as-needed basis**
 - RNG fuel dispensed into buses each evening when buses return to divisions
 - Expenditures may be less if RNG fuel prices remain stable to current prices

Benefits of Proposed Actions

- Provides consolidated and adequate contract authority for RNG contracts through December 31, 2025
- Provides framework to procure one consolidated contract after existing contracts expire
- Allows staff to further analyze RNG needs with transition to Battery Electric Buses
 - 145 battery electric buses will be in operation in 2024
 - Modeling of RNG demand will use data from actual reductions in RNG use
 - New contracts will include provisions for continued reduction in RNG use
 - New contracts will also include provisions for future reductions in fueling station maintenance requirements



THANK YOU!