

Greater Cleveland Regional Transit Authority

SUMMARY OF PROPOSED AWARD HAYDEN CNG OPERATION & MAINTENANCE SERVICE

Presented to: Organizational, Services &
Performance Monitoring Committee

June 5, 2018



Project Overview

Hayden CNG O&M Service

Understanding CNG – Components of Cost

- Natural Gas + Electricity + O&M = Total 2017
\$868K + \$119K + \$281K = \$1.3M

- CNG cost per DGE

	2017	YTD 2018
• Excluding tax credit	\$0.93	\$0.83
• Including tax credit	\$0.37	\$0.27*

* if extended

Project Overview

Hayden CNG O&M Service

Scope Of Operations & Maintenance (O&M) Services

- 24/7 Monitoring and support
- Emergency call out services
- Scheduled maintenance and emergency repairs
- All inclusive of labor, parts and consumables

Project Overview

Hayden CNG O&M Service

- CNG Fleet
 - 106 buses
 - 70% of Hayden 40ft fleet miles
- Fleet growing - 33 additional buses in 2018
- Current O&M agreement - expires Aug 2018

Project Overview

Hayden CNG O&M Service

- CNG fleet continues to increasingly displace diesel miles
- Critical that CNG fueling station is maintained, uninterrupted and available 24/7
- Disruption of CNG fueling would result in a catastrophic impact on service

Project Overview

Hayden CNG O&M Service

- Projected O&M cost based on:
 - Estimated number of CNG buses
 - Anticipated miles
 - Diesel Gallon Equivalent (DGE)
- Monthly O&M costs = Rate X DGE Volume

Procurement Overview

Hayden CNG O&M Service

- Sole Source with Trillium Transportation Fuels, LLC dba Trillium CNG
 - Ohio Revised Code 306.43 H3
 - Original installer and provider of O&M service
 - Ohio Revised Code 306.43 H6
 - Proprietary nature of programmable logic control (PLC)

Procurement Overview

Hayden CNG O&M Service

- Procurement requested a proposal April 27, 2018
- A proposal was received May 24, 2018
- Proposal was reviewed by representatives of Executive, Operations and Procurement

Procurement Overview

Hayden CNG O&M Service

Firm's Experience

- Leader in CNG station construction and fuel distribution in North America
- Extensive work with public transit agencies
- Experience designing and building 160 stations

Procurement Overview

Hayden CNG O&M Service

Firm's Experience

- Extensive and experienced O&M team across more than 80% of US
- Turnkey O&M program customized to GCRTA's needs with 24/7 availability
- No preventable service interruptions to date

Procurement Overview

Hayden CNG O&M Service

Firm's Transit Experience

- Massachusetts Bay Transportation Authority, New York City Transit, PACE, Miami-Dade Transit, and Los Angeles DOT, among others.
- A 0% DBE goal was assigned to this project

Procurement Overview

Hayden CNG O&M Service

- Price (\$ per DGE) reduction from current contract

Gallons per Month (DGE)	Year 3 of Current 3 Yr Term	Year 1 of Proposed 5 Yr Term
95,001 to 120,000	\$0.205	\$0.185
120,001 and above	\$0.205	\$0.180

*Subsequent years adjusted for CPI

- Estimated saving of approximately \$500,000 vs. Independent Cost Estimate over the five year term

Procurement Overview

Hayden CNG O&M Service

- Staff requests that the Organizational, Services & Performance Monitoring Committee recommend an award to Trillium Transportation Fuels, LLC dba Trillium CNG to provide Hayden CNG operations and maintenance services in an amount not to exceed \$1,500,000 for the five year term