

Summary of Proposed Award Design Services for Triskett Garage CNG Infrastructure Upgrades

Presented to: Operational Planning
& Infrastructure Committee

April 16, 2019

Design Services for Triskett Garage CNG Infrastructure Upgrades

- CNG is a lighter than air gas.
- Exhaust fans (HVAC) are necessary to remove any gas that might collect at the ceiling.
- A diesel generator will provide power to HVAC in the event of power failure.

Design Services for Triskett Garage CNG Infrastructure Upgrades

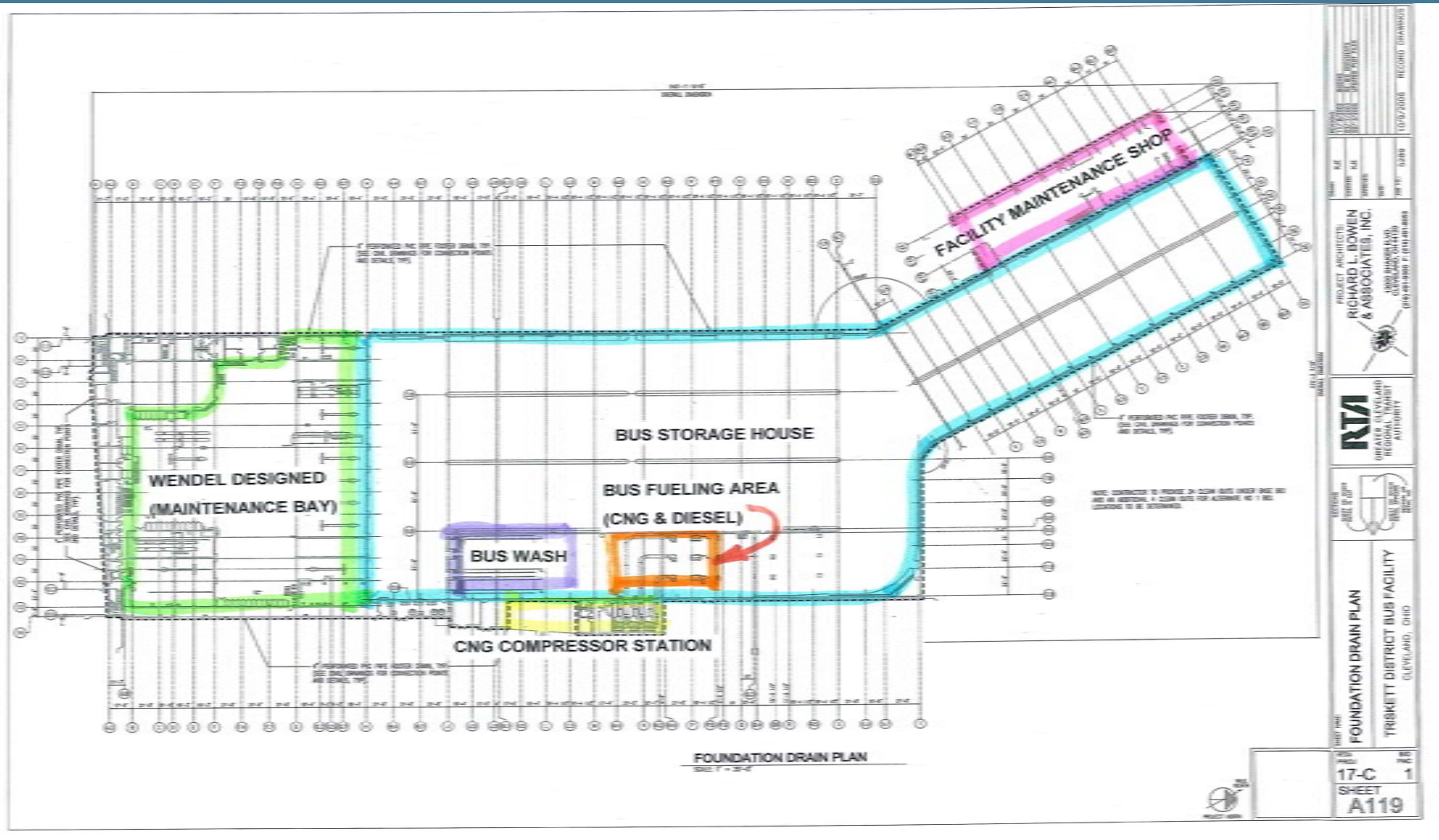
- Hayden and Central Bus garages are CNG code compliant.
- Triskett Garage air flow was independently tested and is not CNG-code compliant.
- Replacement of the existing roof-top HVAC equipment will be necessary.

Design Services for Triskett Garage CNG Infrastructure Upgrades

- There are over 75 pieces of HVAC roof-top equipment that were new in 2005.
- Existing HVAC units are now at their useful life and in need of replacement.
- Consultant will ensure CNG code compliant design for Triskett Garage.

Design Services for Triskett Garage CNG Infrastructure Upgrades

- New Building Automation System (BAS) will control all garage HVAC equipment.
- HVAC equipment includes make-up air units and exhaust fans.
- Air flow tests will verify HVAC equipment provides CNG code required exhaust.



Design Services for Triskett Garage CNG Infrastructure Upgrades

- RFP issued December 3, 2018
- Accessed on the GCRTA web site by Twenty-eight (28) interested parties, including potential sub-consultants
- Three (3) firms proposed
- Three (3) firms were interviewed

Design Services for Triskett Garage CNG Infrastructure Upgrades

- Evaluation Panel Members:
 - Engineering & Project Development
 - Safety Department
 - Operations
 - Asset & Configuration Management
 - Procurement
 - Office of Business Development

Design Services for Triskett Garage CNG Infrastructure Upgrades

- Evaluation Criteria:
 - Project Manager
 - Assigned Staff
 - Past Performance
 - Project Approach
 - Location of the Majority of the Work
 - DBE Participation

Design Services for Triskett Garage CNG Infrastructure Upgrades

- Recommended Vendor:
 - Wendel Architecture, PC, Columbus, Ohio
 - 21% DBE Goal will be met by utilizing:
 - Advanced Engineering Consultants, Ltd.
with an office located in Cleveland, Ohio

Design Services for Triskett Garage CNG Infrastructure Upgrades

- Firm Experience:
 - Wendel Architecture, PC has successfully completed projects for GCRTA, WMATA, SORTA, COTA, among others
 - Designing public transit systems for over forty years and developing CNG projects for over twenty-five years
 - Experienced/qualified staff

Design Services for Triskett Garage CNG Infrastructure Upgrades

- Recommendation:
 - Staff requests that the Operational Planning & Infrastructure Committee recommend to the Board of Trustees award to Wendel Architecture, PC for the Design Services for Triskett Garage CNG Infrastructure Upgrades. The base contract is not to exceed \$345,374.00.



QUESTIONS?

Greater Cleveland Regional Transit Authority

