

## Minutes

### RTA Organizational, Services and Performance Monitoring Committee Meeting

10:39 a.m., January 11, 2022

**Committee Members:** Byrne (Chair), Moss (Vice Chair), Duarte, Weiss

**Other Board members:** Joyce, Koomar, Lucas, McCall, Pellot

**Not present:** Serrano

**Staff:** Benford, Birdsong, Blaze, Harris, Burney, Caver, Coffey, Dangelo, Davidson, Fields, Fleig, Freilich, Garofoli, Gautam, Harris, Kirkland, Lively, Martin, Metcalf, Miller, Mothes, Petit, Schipper, Shaffer, Sutula, Talley, Tarka, Togher, Walker-Minor, Wilde

**Public:** Lane, Gruber

The meeting was called to order at 10:39 a.m. There were four (4) committee members present.

This meeting was live-streamed on RTA's Facebook page ([www.facebook.com/rideRTA](http://www.facebook.com/rideRTA)) for staff and members of the public. Members of the public were allowed to attend in-person.

Based on Centers for Disease Control (CDC) guidance to continue to avoid large events and gatherings and Ohio Department of Public Health advice that businesses and other entities may continue to require mitigation measures, as well as RTA's interest in protecting community and employee health and safety, several measures were put in place for in-person attendance, which are spelled out in the meeting notice.

#### Negotiated sole source procurement for Heavy Rail Traction Motor Overhaul

Casey Blaze, Rail Equipment Manager and Mabry Harris, Contract Administrator gave the presentation. On the heavy rail vehicles there are four traction motors. They weight 1,000 lbs. There is four per car and 160 on the total fleet. The traction motor is responsible to propel the vehicle forwards and reverse.

#### Project Overview:

- Midlife overhaul 2008-2012
  - Traction motors restored to Original Equipment Manufacture (OEM) conditions.
- 2012-present
  - RTA mechanics rebuild traction motors
- Present-future
  - Need to conduct extended life overhaul to restore to OEM conditions to get to next stage of new trains
- Increase in traction motor failures
  - 2021- 18 FTA reportable events (causes the vehicle to evacuate due to smoke)
- Overhaul of 168 HRV Traction Motors
  - 4 motors per car
    - 2 spare sets
- Overhauls recommended every 360,000 miles

#### Project Benefits:

- Restore motors to an OEM or original condition
  - Armature coils and commutators
  - Field coils renewed or replaced

- Insulation applied (done under pressure and vacuum) Only a few transit agencies has this technology to perform in-house. They are the larger TAs.
- All tolerances checked and corrected

Sole source with Swiger Coil Systems.

- Procurement received proposal on Dec. 15, 2021
- 0% DBE Goal

Sole source with Swiger Coil Systems.

- Proprietary tools, components and drawings for the HRV traction motor.
  - Own the OEM documentation
- Ensures operation of the system, so that it can operate as designed

Section 306.43 (H)(6) of the Ohio Revised Code states that a sole source procurement is authorized when "the purchase substantially involves the services of a personal, professional, highly technical, or scientific nature, including but not limited to the services of an attorney, physician, surveyor, appraiser, investigator, court reporter, adjuster, advertising consultant, or licensed broker, or involves the special skills or proprietary knowledge required for the servicing of specialized equipment owned by the regional transit authority."

Swiger Coil Systems strengths and Experience:

- Extensive work with public transit agencies
- Thorough understanding of transit motors and propulsion systems engineering
- Prior experience with GCRTA and successful performance of contracts
- Understanding of the Authority's needs and expectations

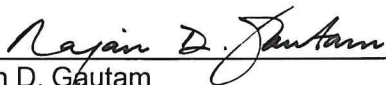
Swiger Coil Systems Experience:

- Clients include:
  - Greater Cleveland Regional Transit Authority (GCRTA)
  - Metropolitan Atlanta Rapid Transit Authority (MARTA)
  - New York City Transit (NYCT)
  - Bay Area Rapid Transit (BART)
  - Massachusetts Bay Transportation Authority (MBTA)
  - Southeastern Pennsylvania Transportation Authority (SEPTA)

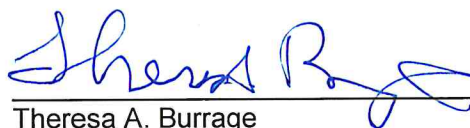
Staff requests that the Organizational, Services & Performance Monitoring Committee recommend an award to Swiger Coil Systems for Heavy Rail Traction Motor Overhaul Services in an amount not to exceed \$2,210,344.00 for a period of two years. Ms. Birdsong said this is needed for safety reasons. Older rail cars are in need of replacement and this will get us to that point. This requires a specialized talent and we do not have the talent in-house. Union employees may say it needs to be done in-house. There is an extensive review process to determine that. It may not be affective and financially prudent to train staff to do this work.

It was moved by Mayor Weiss, seconded by Ms. Moss and approved to move to the full Board.

The meeting was adjourned at 10:47 a.m.



Rajan D. Gautam  
Secretary/Treasurer



Theresa A. Burrage  
Executive Assistant