History of Maintenance Software

Ultramain

- Installed in 2004
- 800 users at RTA
- 40,000+ Assets
  - 626 vehicles
  - 68 facilities
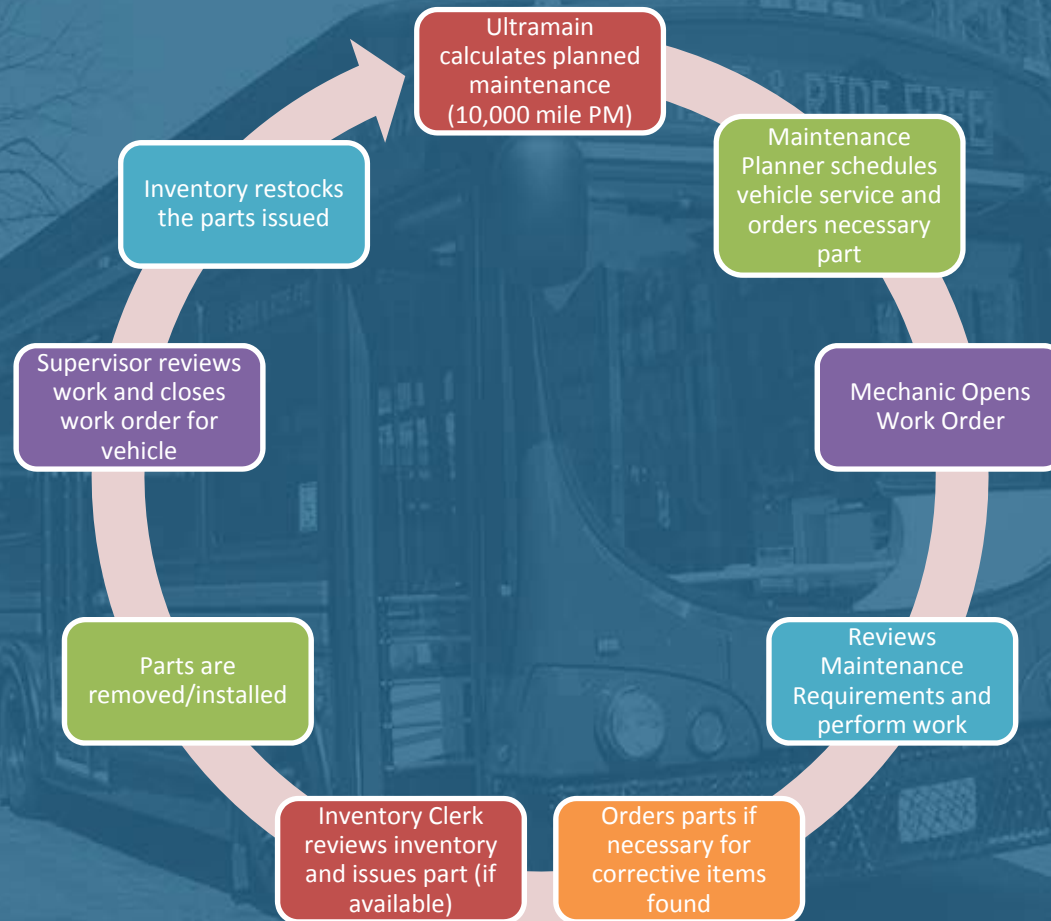 - 26 sections of track

RTA Location	Total Assets
Triskett Garage	507
Paratransit Garage	221
Hayden Garage	398
Main Office	286
Rail	10,000

History of Maintenance Software

Ultramain (continued)

o 1.7 million work orders (average 12,000/month)

o 22,379 purchase transactions/month

o Tracks $13 million worth of inventory each year

How Ultramain Works – Example

- Ultramain calculates planned maintenance (10,000 mile PM)
- Maintenance Planner schedules vehicle service and orders necessary part
- Mechanic Opens Work Order
- Reviews Maintenance Requirements and perform work
- Orders parts if necessary for corrective items found
- Inventory Clerk reviews inventory and issues part (if available)
- Parts are removed/installed
- Supervisor reviews work and closes work order for vehicle
- Inventory restocks the parts issued

Transit Asset Management (TAM)

- 2012 – MAP-21 signed into law
- 2015 US DOT Study
  - 40% of buses and 23% of rail assets were listed in marginal/poor condition
  - $90 billion in deferred maintenance and replacement
- Final Rule of MAP-21 in 2016
- 2018 – RTA begins reporting the condition of fixed assets to NTD

Transit Asset Management (TAM)

TAM Purpose

- o Help achieve and maintain a state of good repair

- o Develops a framework for transit agencies to monitor and manage public transit assets, improve safety, increase reliability and performance

Purpose of the Project

o RTA received a federal grant of $250,000 for asset management

o RTA chose to utilize funding to purchase/implement a system to track MAP-21 requirements

o Will allow RTA to manage the condition, work history, and estimated lifecycle of assets

Scope of Services

Vendor Services to RTA	
1. Software Solution	6. Reporting
2. Access Control	7. Software Testing
3. Project Plan and Schedule	8. Interfaces with other systems
4. Installation/Configuration	9. Documentation
5. Data Migration	10. Customer Support

Procurement Overview
Asset Management Software

o RFP issued October 2016

o Accessed on the GCRTA website by 61 interested parties

o Eight firms proposed

o Four firms interviewed

Greater Cleveland Regional Transit Authority

Procurement Overview
Asset Management Software

Evaluation Panel Members:

o Accounting

o Asset Configuration Management

o Engineering

o Information Technology

o Intelligent Transportation Systems (ITS)

o Office of Management and Budget (OMB)

o Procurement

Procurement Overview
Asset Management Software

Evaluation Criteria

o Qualification of assigned resources

o Completeness of proposal

o Cost effectiveness

o Vendor experience

Procurement Overview
Asset Management Software

Recommended Firm:

o Ultramain Systems, Inc.

   o Albuquerque, New Mexico

o DBE Goal: 0%

Procurement Overview
Asset Management Software

Firm Experience:

o Current maintenance and supply chain vendor

o Least cost solution for labor, software, and hardware

  o Fully funded under Asset Management grant ($250K)

  o RTA is scheduled to upgrade to current version in 2018

Procurement Overview
Asset Management Software

Firm Experience (continued):

o Recent clients include: GCRTA, British Airways, Boeing Company, Virgin Galactic, Virgin Atlantic Airways, Emirates Airlines, Air Hong Kong, Air New Zealand, Singapore Airlines, Heavy Maintenance Services Singapore, and Aviation Integrated Services Group.

Procurement Overview
Asset Management Software

Recommendation:

o Staff requests that the Operations Committee recommend to the Board of Trustees the award to Ultramain Systems, Inc. to provide Asset Management Software in an amount not to exceed $222,734.50.