Agenda Item 8-C
Action Item

To: Chairman Skinner and the VRE Operations Board
From: Doug Allen
Date: May 20, 2016
Re: Authorization to Execute an MEC VI Task Order for Transit Asset Management Development and NTD Reporting

Recommendation:

The VRE Operations Board is asked to authorize the Chief Executive Officer to execute a Task Order with STV Incorporated, under the MEC VI Contract for engineering support, for the development and implementation of VRE’s Transit Asset Management Program (TAMP) and National Transit Database (NTD) reporting in compliance with new federal requirements for maintaining transit assets in a state of good repair. The Task Order amount is $431,665, plus a 5% contingency of $21,583, for a total amount not to exceed $453,248.

Background:

VRE has completed a number of recent initiatives related to asset management, including:

Long Range Life Cycle Maintenance Action Plan – developed a new life cycle strategy for maintenance of VRE’s locomotives and railcars. The life cycle strategy has been adopted by the VRE Operations Board and is being integrated into VRE’s way of doing business. In addition to a transformed approach to maintenance based on the entire life cycle of VRE’s rolling stock assets, this study also led to VRE’s current Life Cycle Maintenance Facility project that will allow VRE to perform heavy maintenance in-house.
Station & Maintenance Facilities Condition Assessment – utilized the Federal Transit Administration (FTA) Transit Economic Requirements Model (TERM) rating scale to perform a condition assessment for seventeen of VRE’s stations (all stations except Union Station in Washington, DC which is owned by Amtrak and Spotsylvania Station which opened after the condition assessments were performed) and all facilities located at the Broad Run and Crossroads yards. The condition assessments helped VRE identify existing needs and served as input into VRE’s current capital program.

Transit Asset Management Framework – developed an initial framework for an overall agency transit asset management program. One step involved developing awareness to build support and integrate this new strategy to management of assets required by the FTA. Next, VRE combined earlier rolling stock and facilities asset data into an asset inventory. This inventory was further expanded to include other VRE-owned assets. The resulting comprehensive inventory was refined and then run through FTA’s TERM-Lite model to identify an initial State of Good Repair backlog.

This task order will further advance the ongoing transit asset management initiatives. Specifically, STV will develop the framework and standardized processes so VRE can perform ongoing asset assessments. STV will also enhance the processes previously developed to fully utilize the Transit Economics Requirements Model (TERM-Lite) for scheduling of State-of-Good-repair projects. Finally, STV will format information, develop methodologies and processes for managing and reporting of transit asset management information to the National Transit Database (NTD) as outlined in new federal requirements for maintaining transit assets in a state of good repair.

Fiscal Impact:

Funding for this task order is provided in the Capital Improvement Plan (CIP) budget in FY 2016 and FY 2017 using 5337 federal formula funds for Asset Management.
Authorization to Execute an MEC VI Task Order for Transit Asset Management Development of NTD Reporting

WHEREAS, VRE has a contract with STV Incorporated for mechanical and engineering consulting services (MEC VI); and,

WHEREAS, VRE has completed several initiatives resulting in strategies for managing VRE rolling stock and facilities assets and maintaining these assets in a continuous state of good repair; and,

WHEREAS, VRE is required by the Federal Transit Administration to further develop methodologies and processes to perform ongoing assessments of VRE rolling stock and facilities; manage and perform State of Good Repair projects and report transit asset management information; and,

WHEREAS, STV Incorporated will develop the framework and standardized processes to perform ongoing asset assessments, develop tools to prioritize funding for State of Good repair projects consistent with the Transit Economics Requirements Model (TERM) and implement processes for reporting asset management information to the Federal Transit Administration via the Nation Transit Database;

NOW, THEREFORE, BE IT RESOLVED THAT, the VRE Operations Board does hereby authorize the Chief Executive Officer to execute a Task Order with STV Incorporated, under the MEC VI Contract for engineering support, for the development and implementation of VRE's Transit Asset Management Plan and National Transit Database (NTD) reporting compliance in an amount of $431,665, plus a 5% contingency of $21,583, for a total amount not to exceed $453,248.

Approved this 20th day of May 2016

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Garry Skinner
Chairman

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Maureen Caddigan
Secretary