



Board Report

File #: 2019-0064, **File Type:** Contract

Agenda Number: 37.

REVISED
CONSTRUCTION COMMITTEE
JUNE 20, 2019

SUBJECT: INSPECTION OF STRUCTURES CONTRACT

ACTION: AWARD PROFESSIONAL SERVICE CONTRACT

RECOMMENDATION

CONSIDER:

- A. AUTHORIZING the Chief Executive Officer to execute a seven-year firm fixed price Contract No. AE133246000, with Alta Vista Solutions for the inspection of Metro structures including light rail, roadway, bikeway, and busway bridges, elevated stations, subway tunnels, and retaining walls comprising a base term of five years in the amount of \$6,248,047; two, one-year options in the amount of \$665,174 for option year one and \$1,318,399 for option year two, and \$130,223 for an additional 15 inspections to accommodate additional assets that may be brought on line during the life of the contract, for a combined total of \$8,361,846₃ subject to the resolution of protest(s), if any; and
- B. APPROVING Contract Modification Authority specific to Contract No. AE133246000 in the amount of \$1,672,369 or 20% of the total contract value, to cover any unforeseen issues that may arise during the course of the contract.

ISSUE

Metro owns and operates structures that require periodic inspection to ensure public safety, and maintain reliability of the bus and rail system. There are approximately 241 structures that require on-going professional evaluation. Currently Metro’s existing staff is fully engaged and does not have the resources or specialized technical skills to carry out these tasks.

Award of this contract will enable Metro to supplement internal resources for the work detailed above, and to ensure that our inspection frequency meets the guidelines established by the National Bridge Inspection System (NBIS), and the National Rail Transit Tunnel (RTT) standards.

DISCUSSION

Metro executive management identified State of Good Repair as a priority for the agency. In order to

ensure that the assets required for safe operation of the rail and bus system are kept in good repair, it is necessary to provide periodic inspections of each asset on a rolling schedule. The national standard for bridge inspection frequency recommends evaluation every three years, and the federal guidelines for rail transit tunnels recommend inspection every five years. This contract is of sufficient duration to ensure that all required inspections are performed under the scope of this authority.

Findings

Professional engineering staff is required to perform structural evaluations, identify defects, provide recommendations to mitigate any identified flaws and provide condition assessments for Metro's Transit Asset Management (TAM) program. The firm selected demonstrates a high level of competence and experience in the technical requirements of these services. Alta Vista Solutions has put together a team of employees and expert subcontractors with the demonstrated ability to provide Metro with ratings of the structures consistent with our State of Good Repair reporting guidelines.

DETERMINATION OF SAFETY IMPACT

In order to comply with Federal regulations, Metro must evaluate the condition of all structures that have a potential safety impact. The structures in this statement of work will all be inspected, assessed, and given a condition rating consistent with the Federal Transit Administration Transit Economic Requirements Model (TERM) rating scale. The ratings and identified defects will be utilized to determine the need for targeted repairs to ensure safety and continuing State of Good Repair.

FINANCIAL IMPACT

The funding for 12 months of \$1,350,000 for this action is included in the FY20 budget in cost center 6821, Enterprise Transit Asset Management under projects 300022 (Rail Operations - Blue Line), 300033 (Rail Operations - Green Line), 300044 (Rail Operations - Red Line), 300055 (Gold Line), 300066 (Rail Operations - Expo Line), 301012 (Metro Orange Line) and 306001 (Operations Transportation), Account 50316 - Professional & Technical Services.

Since this is a multi-year contract, the Chief Risk, Safety and Asset Management Officer will be responsible for budgeting this expense in future years.

Impact to Budget

Approval of this action has no impact on the FY20 budget. Future fiscal year funding for this action will come from the Enterprise, General and Internal Service funds. No other sources of funds were considered since the structure inspections exclusively support rail and bus operations.

ALTERNATIVES CONSIDERED

Staff considered performing this work in-house; however, it was determined that Metro does not currently have available staff with experience and expertise in the specific disciplines required to perform this work as required.

NEXT STEPS

Upon Board approval of this action, staff will execute Contract No. AE133246000 with Alta Vista Solutions to provide inspections services of Metro's structures.

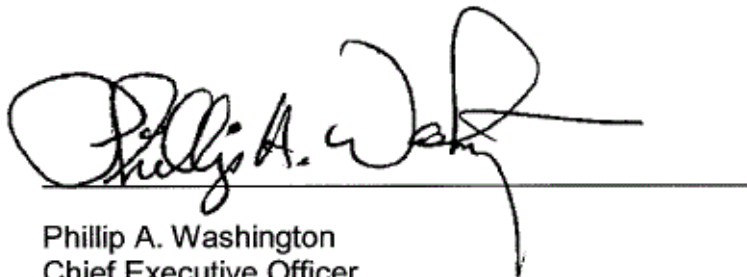
ATTACHMENTS

Attachment A - Procurement Summary

Attachment B - DEOD Summary

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