



Board Report

File #: 2017-0716, File Type: Contract

Agenda Number: 16.

PLANNING AND PROGRAMMING COMMITTEE JANUARY 17, 2018

SUBJECT: INTEGRATED STATION DESIGN SOLUTIONS

ACTION: AWARD OF CONTRACT

RECOMMENDATION

AUTHORIZE the Chief Executive Officer to award and execute an 18-month, firm fixed Contract No. PS35771-2001 to M. Arthur Gensler Jr. & Associates, Inc. in the amount of \$1,694,864 for integrated station design solutions, subject to the resolution of protest(s), if any.

ISSUE

To ensure Metro stations are safe, smart, clean, and green, and provide a quality customer experience, innovative design solutions responding to current requirements, new technologies, and ongoing station environment design challenges are needed. To develop these solutions, Metro requires the services of a professional design team to assist an interdepartmental Metro working group to determine the placement and design of new equipment, amenities, and other design features affecting the customer environment in Metro stations.

DISCUSSION

Metro design criteria for both rail and bus rapid transit (BRT) stations and related Standard/Directive Drawings provide requirements and direction for station architectural elements, including placement of equipment and types of materials within public areas. In 2014, the Metro Rail Design Criteria (MRDC) and Standard/Directive Drawings were updated to include the new Systemwide Station Design Standards, which unify and brand station architecture and materials. The purpose of these standards is to improve the transit experience by making stations safer and easier to recognize, navigate and use, while streamlining design, construction, operations and maintenance.

While these documents help streamline the design of new stations by using consistent materials and station architectural language, there remains a number of specific station elements that require further design consideration in order to be fully integrated into station design requirements. With minimal standard requirements for these station elements, designers and contractors have had to create site-specific solutions project by project, rather than being able to follow design standards developed through a holistic design approach that considers all related station functions and attributes. In some cases, this ad hoc introduction (or deletion) of equipment or amenities has

adversely affected other components of station facilities, operation, flow, and aesthetics, thereby impacting transit rider experience.

Through the establishment of a Metro interdepartmental working group assisted by a highly qualified professional design team, Metro will develop innovative, fully integrated solutions for a series of station design issues that have consistently presented challenges in maintaining a high quality customer environment. These new design solutions will include the placement and design of equipment, amenities, and other design features affecting public areas of new stations, as well as proposed retrofit solutions to existing Metro station facilities.

Design Elements

To ensure both new and existing Metro rail stations integrate innovative design solutions that effectively address current issues, this project will develop a total of twelve (12) integrated design solutions. Ten (10) specific design issues that have been identified in the project contract are listed below, and two (2) "additional design solution" items will be identified and developed under this Contract through working group sessions with internal Metro departments.

1. safety and security features
2. variable neighborhood identifier
3. accessibility features
4. lighting
5. bird abatement
6. public area operational equipment accommodation
7. landscaping
8. trash and recycling receptacles
9. electronic informational displays
10. advertising equipment placement *
11. additional design solution #1
12. additional design solution #2

* Will be coordinated with Metro Communications to ensure consistency with current/future advertising contract.

DETERMINATION OF SAFETY IMPACT

This project will improve safety at current and future Metro stations. New design solutions will be developed through an interdepartmental working group made up of all affected Metro departments involved in station design and construction. The working group will review, vet, build consensus and approve design solutions that are developed to ensure they meet current requirements for safety.

FINANCIAL IMPACT

\$375,000 is included in the FY18 budget for this Contract in Cost Center 4330, Systemwide Design, under Project Number 405563, Integrated Design Solutions.

Since this is a multi-year Contract, the cost center manager and the Chief Planning Officer will be accountable for budgeting the funds in future years.

Impact to Budget

The source of funds is PA, PC, TDA Administration Funds which is not eligible for bus and rail operating or capital expenses.

ALTERNATIVES CONSIDERED

The Board may decide not to authorize the execution of this contract. This alternative is not recommended as it would result in a delay of coordinated and effective station design solutions.

NEXT STEPS

Upon Board approval, staff will execute Contract No. PS35771-2001 to M. Arthur Gensler Jr. & Associates, Inc. Project work is to start in February 2018, with an 18-month project schedule.

ATTACHMENTS

Attachment A - Procurement Summary

Attachment B - DEOD Summary

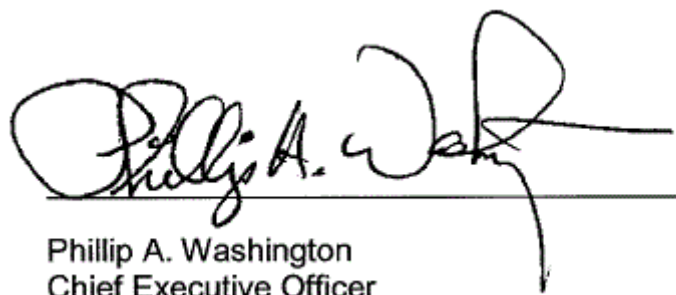
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