



Board Report

File #: 2020-0056, File Type: Contract

Agenda Number: 26.

OPERATIONS, SAFETY AND CUSTOMER EXPERIENCE COMMITTEE APRIL 18, 2024

SUBJECT: CONSULTANT TECHNICAL AND PROGRAM MANAGEMENT SUPPORT SERVICES FOR THE P3030 NEW LIGHT RAIL VEHICLE PROCUREMENT

ACTION: APPROVE RECOMMENDATIONS

RECOMMENDATION

AWARD a cost plus fixed fee contract to Hatch Associates Consultants, Inc to provide technical and project management support for Metro's solicitation of a Transit Vehicle Manufacturer for the procurement of P3030 new Light Rail Vehicles (LRV) and replacement of the existing fifty-two (52) Siemens LRVs in the Not-To-Exceed (NTE) contract amount of \$1,254,209.82 for a period of twelve (12) months after the issuance of Notice to Proceed, subject to the resolution of any properly submitted protests, if any.

ISSUE

Consultant services are required to provide technical and project management support to Metro for the solicitation of a Transit Vehicle Manufacturer (TVM) to deliver new light rail vehicles for use on future line openings, including the ESFV, Eastside Transit Corridor, Foothill Extension 2B, and Southeast Gateway Lines as well as replacement of the existing fifty-two (52) Siemens LRVs that will be reaching their useful life in the next few years. Tasks that will be assigned include:

- Developing a scope of work, commercial/technical specifications, and solicitation documents
- Facilitating industry review meetings
- Supporting the contractor award selection process

BACKGROUND

The existing P2000 Siemens LRVs consists of 52 LRVs and Metro accepted these LRVs between 2000 and 2001. Based on a 30-year useful life, these LRVs are scheduled for retirement between 2030 and 2031. In accordance with the Rail Fleet Management Plan (RFMP) FY2020-FY2040, the rail fleet will be expanded to accommodate anticipated growth in ridership, support future line extensions and service expansions, and replace rail vehicles reaching the end of their useful revenue service life.

As part of Metro's short and long-term planning goals, numerous new Light Rail Transit Lines will be

constructed within the next 15 years. The ESFV project is one of the light rail systems currently under development that will extend north from the Van Nuys Metro G-Line station to the Sylmar/San Fernando Metrolink Station for a total of 9.2 miles with 14 at-grade stations. Service is anticipated to begin approximately in 2031. Thirty-four (34) new P3030 LRVs will need to be procured to support service, with forecast delivery starting in Spring 2030. Additional LRVs will be included as options to be exercised when construction schedules are further developed for the other LRV projects.

DISCUSSION

The consultant's professional expertise is necessary for a thorough and effective solicitation package. Their expertise is essential to ensure the scope of work, such as defining the type of LRV, deliverables, and services needed to fully address Metro's anticipated needs. Their expertise is also essential in ensuring the technical/commercial specifications and solicitation documents are sufficiently clear, as well as providing detailed technical and commercial performance requirements that include provisions for ensuring contractor compliance. In addition, professional support is critical for facilitating the industry review sessions, interviews, and source selection process. The Manufacturing Careers Policy applies to the upcoming P3030 new LRV solicitation package.

DETERMINATION OF SAFETY IMPACT

The approval of this consultant contract supporting the LRV Procurement program will have a direct and positive impact on Metro's system safety, service quality, system reliability, maintainability, and overall customer satisfaction by specifying requirements for an LRV design that achieves those outcomes.

FINANCIAL IMPACT

This Project/Professional Service effort is funded on a fiscal year basis under Cost Center 8510 Project number 865521 East San Fernando Valley Light Rail Transit Corridor under various accounts, including professional and technical services.

This multi-year project requires expenditure authorizations in fiscal year increments until a board-authorized Life of Project Budget is adopted. It is the responsibility of the Cost Center Manager, Project Manager, and Chief Program Management Officer to budget for this project in the future fiscal years and within the cumulative budget limit for the affected fiscal year.

Impact to Budget

The current sources of funds for this action are Measure M 35% and State Grants, which are not eligible for bus and rail operations. The funding sources cited maximize funding for this project.

EQUITY PLATFORM

A consulting services contract is needed to facilitate the successful delivery of new LRVs planned for operation along Metro's LRT Systems including the ESFV corridor, which will serve many Equity Focus Communities (EFCs).

- The population served by this Project is comprised heavily of communities of color (71.7% Latino), experiences poverty twice as much as the LA County average of 14.9% and
- Roughly 12.47% of households in the area do not own a car and depend on public transportation.
- Securing this contractor to assist with preparing the RFP package for LRV delivery will enable Metro's LRT projects such as the ESFV corridor Project, that will be built and operated on schedule as well as provide residents with critical transit service to access greater employment, health, and educational opportunities, which otherwise would be difficult to reach.

The Diversity and Economic Opportunity Department (DEOD) established a 20% Disadvantaged Business Enterprise (DBE) goal for this solicitation. Hatch Associates Consultants, Inc. exceeded the goal with a 20.29% DBE commitment.

IMPLEMENTATION OF STRATEGIC PLAN GOALS

The Project supports the following strategic goals:

Strategic Goal 1:

Provide high-quality mobility options that enable people to spend less time traveling.

The purpose of the Project is to provide high-capacity transit service in Metro's LRT Systems including the San Fernando Valley.

Strategic Goal 2:

Deliver outstanding trip experiences for all users of the transportation system.

The at-grade light rail system will attract bus ridership and improve the trip experience for transportation system riders.

Strategic Goal 3:

Enhance communities and lives through mobility and access to opportunity.

With 11 stations, including connections to Metro G-Line and Metrolink, the ESFV enhances mobility to the community.

Strategic Goal 4:

Transform LA County through regional collaboration and national leadership.

Collaboration with the elected officials, citizens, and Metro patrons of San Fernando Valley continues to positively impact the project.

ALTERNATIVES CONSIDERED

The Board may choose not to approve the recommendation. However, this approach is not recommended as Metro does not have the resources and LRV technical depth to execute this work in

accordance with the ESFV construction schedule.

NEXT STEPS

Upon Board approval, a contract will be awarded to Hatch Associates Consultants, Inc. Metro. The consultants will then immediately mobilize the required resources and staff to ensure timely completion of specifications development, scope of work, and solicitation documents to initiate the new LRV procurement contract for the new ESFV corridor.

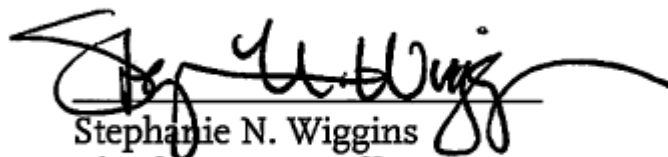
ATTACHMENTS

Attachment A - Procurement Summary

Attachment B - DEOD Summary

Prepared by: Jason Yaw, Senior Director, Rail Vehicle Acquisition, (213) 922-3325
Annie Yang, Deputy Executive Officer, Rail Vehicle Acquisition (213) 922-3284
Jesus Montes, Senior Executive Officer, Vehicle Engineering & Acquisition, (213) 418-3277
Debra Avila, Deputy Chief Vendor/Contract Management Officer, (213) 418-3051

Reviewed by: Conan Cheung, Chief Operations Officer, (213) 418-3034



Stephanie N. Wiggins
Chief Executive Officer