



Board Report

File #: 2024-0557, File Type: Contract

Agenda Number: 33.

OPERATIONS, SAFETY, AND CUSTOMER EXPERIENCE COMMITTEE OCTOBER 24, 2024

SUBJECT: CALIPER ASSEMBLIES FRONT & REAR

ACTION: AWARD CONTRACT

RECOMMENDATION

AUTHORIZE the Chief Executive Officer to award a two-year, Indefinite Delivery/Indefinite Quantity (IDIQ) Contract No. MA121741000 to American Moving Parts, the lowest responsive and responsible bidder to supply Caliper Assemblies Front & Rear in the Not-to-Exceed (NTE) amount of \$1,827,743.78, inclusive of sales tax, subject to the resolution of all properly submitted protest(s), if any.

ISSUE

This procurement is for Caliper Assemblies Front & Rear, a major component used on both front and rear braking systems on Metro's fleet of 1,030 New Flyer buses to maintain the safe and reliable operation of the bus fleet. During bus midlife, the existing caliper assemblies are replaced with new assemblies, and bus operating divisions also replace the caliper assemblies as necessary.

The award of this contract will ensure the Bus Midlife program and operating divisions have adequate inventory to repair and maintain the buses according to Metro maintenance standards. This is necessary to ensure service continuity and prevent interruption to Metro operations.

BACKGROUND

Metro's fleet of 2,105 buses is comprised of the following bus manufacturers: BYD, ENC, New Flyer and NABI. New Flyer buses make up 49% of the fleet.

The caliper assembly is part of the disc brake system that houses the brake pads and piston. Two caliper assemblies are mounted on the front and rear axles of the buses. The function of the caliper assembly is to apply pressure to the piston that activates the brake pads to slow or stop the bus by creating friction between the brake pads and rotors. Functional caliper assemblies are essential to the safety of the bus fleet. During the service life of buses in normal driving conditions, the caliper assemblies wear down due to the constant braking in heavy stop-and-go traffic conditions to slow or stop the buses. The replacement of the caliper assemblies at bus operating divisions is necessary to

ensure the reliability and safety of the New Flyer bus fleet. Caliper assemblies for the BYD, ENC, and NABI fleet are procured from a contract with a different vendor.

DISCUSSION

The caliper assembly is one of the key components of the bus braking system, and it is replaced in the Bus Midlife program and at bus operating divisions. The replacement of worn caliper assemblies reduces in-service failures and road calls, which ensures the safety of passengers and provides a high level of customer service. Replacing the caliper assemblies as part of Metro's preventive maintenance program reduces operating costs by reducing in-service failures and keeping buses in revenue service. Replacing the caliper assemblies during the Bus Midlife and at bus operating divisions will ensure the bus fleet will continue to operate safely throughout their useful life.

The contract to be awarded is a "requirements type" agreement in which Metro commits to ordering only from the awardee up to the specified quantity for a specific duration of time. However, we are not obligated or committed to ordering any specific quantity of the caliper assemblies that may currently be required. The bid quantities are estimates only, with deliveries to be ordered and released as necessary.

The caliper assemblies will be purchased and maintained in inventory and managed by Material Management. The appropriate budget project numbers and accounts will be charged as the caliper assemblies are issued.

DETERMINATION OF SAFETY IMPACT

The award of this contract will ensure that the Bus Midlife program and all operating divisions have adequate inventory to maintain the New Flyer bus fleet according to Metro Maintenance standards. This ensures the safety of bus passengers and Metro employees by maintaining the ability of bus fleets to stop in accordance with Federal and State regulatory requirements.

FINANCIAL IMPACT

The FY25 budget for the various caliper assemblies - disc brakes is \$913,871.89, included under multiple bus operating cost centers in project 306002 Operations Maintenance under line item 50441, Parts - Revenue Vehicle, and in Central Maintenance cost center 3366, under project 203050 Bus Midlife Project and line item 50441, Parts - Revenue Vehicle.

Since this is a multi-year contract, the cost center managers and Chief Operations Officer will be accountable for budgeting costs in future fiscal years, including any option exercised.

Impact to Budget

The current funding sources for this action include Proposition A and C, Measure M, Transportation Development Act, and Federal 5307. These sources are eligible for Bus Operating or Capital projects. Using these funding sources maximizes the project funding allocations allowed by approved provisions and guidelines.

EQUITY PLATFORM

This action ensures that the bus fleet that serves most regions in Los Angeles County, including many Equity Focus Communities (EFCs), is able to continuously and safely provide vital transportation services. This helps support riders in EFCs where disparities exist between residents' access to jobs, housing, education, health, and safety.

The Diversity and Economic Opportunity Department (DEOD) established an overall 2% DBE goal for this procurement. American Moving Parts met the goal by making an overall 2% DBE commitment.

IMPLEMENTATION OF STRATEGIC PLAN GOALS

The caliper assemblies support Strategic Goal 1: Provide high-quality mobility options that enable people to spend less time traveling. The caliper assemblies will help to maintain the reliability of the New Flyer bus fleets and ensure that our customers are able to arrive at their destinations without interruption and in accordance with the scheduled service intervals for Metro bus operations.

ALTERNATIVES CONSIDERED

The alternative is not to award the contract and procure the caliper assemblies as needed, using the traditional "min/max" replenishment system method. This strategy is not recommended since it does not provide for a commitment from the supplier to ensure the availability, timely delivery, continued supply, and a guaranteed fixed price for the parts.

NEXT STEPS

Upon approval by the Board, staff will execute No. MA121741000 for the procurement of calipers assemblies with American Moving Parts., at the two-year base amount of \$1,827,743.78 inclusive of sales tax.

ATTACHMENTS

Attachment A - Procurement Summary
Attachment B - DEOD Summary

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