

Kinkysharyo P3010 Light Rail Vehicle Ball Bearing Slewing Ring Assembly Component Overhaul



RECOMMENDATION



AUTHORIZE the Chief Executive Officer to award a 48-month firm fixed price Contract No. OP125304000 to Jamaica Bearings, the lowest responsive and responsible bidder, in the amount of \$1,691,769.20 for the purchase of Ball Bearing Slewing Ring Assemblies in support of the P3010 Light Rail Vehicle (LRV) fleet, subject to the resolution of any properly submitted protest(s), if any.

ISSUE & DISCUSSION



AWARDEE

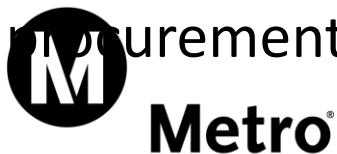
Jamaica Bearings

NUMBER OF BIDS

Bidders	Bid Amount
Jamaica Bearings	\$1,691,769.20
Motion	\$1,739,414.60

DEOD COMMITMENT

The DEOD did not recommend a Small Business Enterprise (SBE) goal or a Disabled Veteran Enterprise (DVBE) goal for this procurement due to lack of subcontracting opportunities.



ISSUE & DISCUSSION



ISSUE

The Original Equipment Manufacturer (OEM) identified and established a component overhaul schedule for all vehicle systems occurring at the 600,000-mile interval. The ball-bearing slewing ring is an integral component of the rail car that allows the vehicle center truck articulation and mechanically connects the A and B car halves.

DISCUSSION

If not performed, the quality of the entire vehicle will be impacted, which could result in catastrophic failure of the slewing ring, resulting in possible derailment. Transit Vehicle Engineering (TVE) and Rail Fleet Services (RFS) performed a cost-benefit analysis to determine whether an overhaul of the slewing ring or a new purchase is needed.