Port of Los Angeles

UHF T-Band Infrastructure Upgrade

Sole Source Justification

Activity

The Port of Los Angeles (POLA) has requested to enter an agreement to contract with Motorola Solutions, Inc. ("Motorola") to upgrade the Port of Los Angeles UHF T-Band communications infrastructure to increase communication capabilities and interoperability with POLAs existing 700 MHz radio system.

Vendor will Provide

POLA is seeking a contractor to upgrade the existing ASTRO system to include four (4)-site simulcast solutions incorporating POLAs currently licensed UHF T-band conventional channels and includes decommissioning of obsolete infrastructure at all sites as well as fleetmapping modifications and programming updates to subscribers and dispatching consoles. POLA has also requested to include two (2) years of Advanced Plus Services with a System Upgrade Agreement (SUA II) to align with their current Motorola 700 MHz radio system maintenance agreement.

Justification for Noncompetitive Contract

This procurement is to upgrade, not replace, the Port of LA's existing public safety communications system. Through this upgrade to its ASTRO system, the Port of Los Angeles seeks to: (1) update the technology of its communication system; and (2) allow for interoperability with existing city P25 networks. As the provider of the original ASTRO System and subsequent system upgrades, Motorola is uniquely qualified and able to do this proposed work.

Motorola is the only vendor capable of upgrading the software of the radio platform because it is a Motorola's proprietary platform. While the functionality of the ASTRO communications system allows any radio to enter this radio network platform, the underlying software and

platform that allows this interoperability are unique and proprietary to Motorola, such that no other vendor can upgrade the software. Since the original installation in 2005, Motorola has been the City's selected vendor to maintain and support the system. Using a different vendor would require replacement with completely new system software and infrastructure. Contracting with Motorola protects the City's previous investments in the system. Motorola will be able to use the work already accumulated since 2005 and will not have to start from scratch. This already-performed design work will enable an accelerated project implementation timeline as compared to any other procurement alternative.

Cost Benefit Analysis

Entering into a contract with a private vendor to develop an equivalent network would constitute wasteful spending, as it would fail to capitalize on the considerable resources the City has already invested into their communications system. Contracting with Motorola will utilize the existing infrastructure. The Port of Los Angeles does not seek a large-scale change to their communications system. They merely seek an upgrade to the technology and the ability to allow for interoperability within the City. It is unlikely that a private vendor's system will provide the City with any greater product than the ASTRO P25 systems provide.