



City Council Report

Date: December 10, 2018
To: City Council
Through: Michael Kennington, Chief Financial Officer
From: Edward Quedens, Business Services Director
Matt Bauer, Procurement Administrator
Subject: Purchase of Automatic Dependent Surveillance Broadcast Equipment for Avionics Upgrade for the Police Department **(Citywide)**

Recommendation

Council is requested to approve the award as recommended.

The Police Department and Purchasing recommend authorizing the purchase using the Pinal County cooperative contract with Precision Heli-Support (a Mesa business) at \$37,887.33.

Background / Discussion

The Federal Aviation Administration is requiring aircraft that operate in a certain class to be equipped with the Automatic Dependent Surveillance Broadcast (ADS-B). The Mesa Police Department's Air Support Unit currently operates in areas where this equipment would be required. Specifically, without this equipment the City would not be able to operate in Phoenix Class B Mode C veil (within 30 NM of the geographical center of Sky Harbor). This would completely hinder Air Support Unit's mission and the Unit would not be able to provide service to our ground officers.

The ADS-B data contains information about the identity, position, altitude and velocity of the aircraft. The goal of this required upgrade is to improve safety in the air. All five of the City's aircraft would be upgraded; three helicopters and two fixed wings. The Unit needs to fly the fixed wing aircrafts and plans on utilizing the fixed wings in the beginning of 2019. To determine the value of the fixed wing aircrafts, the Police Department needs the upgrade in order to continue operating in their area.

Precision Heli-Support has provided quotes that outline the cost for each aircraft. The City will save close to \$1,000 on each of the L3 Lynx products (four of the products) if the Purchase Order is completed by 12/14/2018. The total cost for this upgrade is \$37,887.33

Pinal County's contract has been competitively bid and provides for the lowest possible cooperative pricing based on volume. Going out for a formal bid would only delay product availability, deprive the 2018 promotional discount pricing and the City believes that it would not result in cost savings to the City.

Purchase Information

Action: Award

Procurement Type: Cooperative Contract Use

Contract Number: 2019106

Contracting Agency/Contract Number: Pinal County / RFP-172322

Local Consideration: Policy did not apply to this procurement method

Initial Contract Term: 12/10/2018 to 1/24/2019

Possible Renewals: Up to four, one-year renewal options subject to Pinal County,
Administrative review and approval

Funding Source: Police Department operating budget

AWARD RECOMMENDATION

ADS-B Avionics Upgrade per Contract Nos. 2019106 and Pinal County
172322, and Quotes dated 11/27/2018

Quantity (3) L3 Lynx NGT-9000 All-In-One Transponder at \$7,397.21/each;
(1) Garmin GTX345R Transponder at \$7,848.49; and (1) Lynx NGT-9000 All-In-
One Transponder at \$7,847.21 (includes Parts, Labor, Tax, Shipping, 2018
Pricing Promo Discount and Trade-In)

Base	\$35,601.04
Sales Tax	<u>\$2,286.29</u>
Total (5 Transponders)	<u>\$37,887.33</u>