



DAN JOHNSON
DIRECTOR

DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
DEVELOPMENT SERVICES BUILDING
150 BEAVERCREEK ROAD OREGON CITY, OR 97045

April 18, 2024

BCC Agenda Date/Item: _____

Board of County Commissioners
Clackamas County

Approval of a Board Order to issue a Purchase Order for 99 Traffic Signal Controllers through a Portland Bureau of Transportation Price Agreement with Q-Free America, Inc. Purchase order value is \$230,538. Funding is through Federal Funds, local agencies and County Road Funds. No County General Funds are involved.

Previous Board Action/Review	01/01/17 – BCC Approval of Master Certification Agreement No. 30923 for County implementation of federally funded projects. 07/21/2022 – BCC Approval of Supplemental Project Agreement No. 34925 with ODOT for the Clackamas County Regional ATC Controller & Signal Optimization Project		
Performance Clackamas	<ul style="list-style-type: none"> • Grow a vibrant economy • Ensure safe, healthy, and secure communities 		
Counsel Review	Yes –AN 4/8/24	Procurement Review	Yes
Contact Person	Carl Olson	Contact Phone	X4684

EXECUTIVE SUMMARY: Of the total 175 traffic signals throughout the County, approximately two-thirds of the signal controllers (computers) and the computer software running the signal timing are using outdated technology that is no longer supported by local vendors or manufacturers. Some of these controllers are almost 40 years old.

This project proposes to replace 99 outdated model traffic signal controllers with the latest Advanced Traffic Controllers, also known as ATCs. ATCs are the latest national and state standards with higher processing power, larger memory, more functionality, and built-in performance software tools. These controllers also have higher speed network capability that can push large amounts of data with low latencies.

PROCUREMENT PROCESS: Approval of the purchase is being requested under the Local Contract Review Board Rule C-047-0275, Sole-source Procurements. For the purchase of these ATCs, a Sole Source Procurement is desired for the following reasons:

- There is only one specific brand/manufacturer and model of ATC that is on ODOT’s approved products list

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and are sold direct from the manufacturer Q-Free America, Inc.

- The County currently has 74 of these ATCs deployed at signalized intersections. The purchase of these 99 ATCs are necessary to replace obsolete and no longer supported traffic signal controllers at the remaining signalized intersections we own and/or maintain
- Using the same ATCs that are currently deployed throughout the county is required for interoperability between signalized intersections, with our existing central signal system, and interoperability with neighboring agencies including ODOT, PBOT, and Washington County
- Local ATC software and licenses for individual use and for use with our central signal system were paid for on a statewide basis by ODOT for all parties in the state

RECOMMENDATION: Staff respectfully recommends the Board approve this purchase and authorizes Procurement staff to issue the PO on behalf of the County.

Respectfully submitted,

Dan Johnson

Dan Johnson
Director of Transportation & Development

**BEFORE THE BOARD OF COUNTY COMMISSIONERS
OF CLACKAMAS COUNTY, STATE OF OREGON**

In the Matter of Approving
Issuance of Purchase Order to
purchase Advanced Traffic
Controllers



Board Order No. _____

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Whereas, the Clackamas County Board of County Commissioners (the “Board”) has authority to sign all contracts and any amendments or renewals of the same;

Whereas, the Clackamas County Department of Transportation desires to purchase advanced traffic controllers, that meet the standards approved by the Oregon Department of Transportation, for a total price of \$230,538.00;

Whereas, the Clackamas County Department of Finance issued a Notice of Intent to Award Sole Source Contract on March 19, 2024 with Q-Free America, Inc. The advanced traffic controllers are approved by the Oregon Department of Transportation and are sold direct from Q-Free America, Inc.;

Whereas, the Clackamas County Department of Finance requests authority to purchase the aforementioned advanced traffic controllers by issuance of a purchase order (“PO”);

Whereas, a PO is issued directly through the Department of Finance’s management software with no signature required or available;

NOW THEREFORE, the Clackamas County Board of County Commissioners orders as follows:

1. The request to purchase the advanced traffic controllers in the amount of \$230,538.00 is hereby approved; and
2. The Clackamas County Department of Finance is hereby delegated limited authority to issue a PO to purchase the advanced traffic controllers.

DATED this ____ day of _____, 2024

BOARD OF COUNTY COMMISSIONERS

Chair

Recording Secretary