

MEMORANDUM

State of Alaska

Department of Transportation and Public Facilities
Central Region – Design & Engineering Services
Highway Design

To: Charles Deininger
Chief Contracts Officer

Date: February 3, 2015

Thru: Robert A. Campbell, PE
Director, Central Region

PHONE: 269-0884
FAX: 248-1573

From: Jody Gibbons
Transportation Planner

Subject: **Automated Traffic Recorders
Blanket Public Interest Finding**

Introduction

The Alaska Department of Transportation and Public Facilities (ADOT&PF) is seeking a blanket Public Interest Finding (PIF) to allow specification of proprietary items associated with Automated Traffic Recorder (ATR) equipment on a variety of state and federally funded highway construction projects statewide.

Proprietary Items

Radar-based Traffic Detection Equipment – Wavetronix SmartSensor Model SS125/SS126
Estimated Cost Each: \$8,000.00

Data Logger – Campbell Scientific (CSI), Model CR1000-ST-SW-NC Measurement and Control Datalogger
Estimated Cost Each: \$1,500.00

Cellular Modem – Sierra Model GX400/440
Estimated Cost Each: \$750.00

Justification for Public Interest Finding

The proposed equipment, except for updates to current manufacturer models, has been used by ADOT&PF for at least the last 10 years. Historically, a Blanket PIF for Weigh-in-Motion automated recording equipment (May 2001) and project specific PIF (Central Region Highway Equipment 2012) were approved covering proprietary items included in this PIF. This equipment has been carefully specified and selected to interface in a system for gathering, recording and communicating data efficiently. This equipment has also been selected based on low maintenance requirements. ADOT&PF currently maintains stock of proprietary items identified in this PIF and continued standardizing of the equipment allows quick switch-out of damaged equipment with backup supplies. Standardization of equipment also reduces the amount of training ADOT&PF staff will need for continued operation of the system and troubleshooting operational errors. This is important because a data site that is out of operation for more than 30 days loses its value in terms of the ADOT&PF responsibility to FHWA to gather this data.

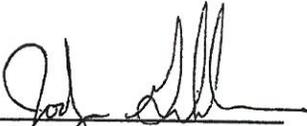
Duration Public Interest Finding is Valid For

This Public Interest Finding shall be valid for a period of five years from date of approval.

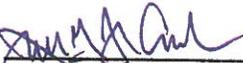
(February 2020)

Finding of Public Interest

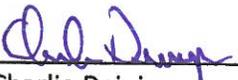
It is hereby found to be in the Public's best interest and consistent with the Code of Federal Regulations Title 23, Section 635.411 and ADOT&PF Policy and Procedure 10.02.013 to specify proprietary items on multiple highway projects.

Submitted by: 
Jody Gibbons
Transportation Planner

2/3/15
Date

Recommended by: 
Robert A. Campbell, PE
Regional Director

2/6/15
Date

Approved by: 
Charlie Deininger
Chief Contracts Officer

2/6/15
Date