

MEMORANDUM

STATE OF ALASKA

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

TO: Charles Deininger
Chief Contracts Officer

DATE: May 30, 2014

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

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FROM: Christina Huber, PE
Project Manager

25-14-025-PIF

SUBJECT: Approval Request for Use of
Proprietary Items on Central Region
Highway Data Equipment 2012 Project
Public Interest Finding

Introduction

The Alaska Department of Transportation and Public Facilities (ADOT&PF) is seeking a Public Interest Finding (PIF) to allow the specification of proprietary items in the upcoming Central Region Highway Data Equipment 2012 Project (52809) Competitive Sealed Bid.

Radar-based Traffic Detection Equipment – Wavetronix SmartSensor Model SS125/SS126

Estimated Cost Each: \$7,000
Estimated Project Quantity: 3
Estimate Total Cost: \$21,000

Data Logger – Campbell Scientific (CSI), Model CR1000 Measurement and Control Module

Estimated Cost Each: \$2,500
Estimated Project Quantity: 16
Estimated Total Cost: \$40,000

Cellular Modem. Sierra Model GX400/440

Estimated Cost Each: \$650
Estimated Project Quantity: 16
Estimate Total Cost: \$10,400

Engineer's Estimate Range for Project Construction: Between \$2,500,000 and \$5,000,000.

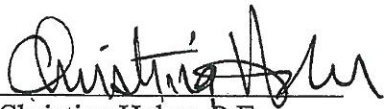
Justification for Public Interest Finding

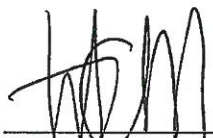
The proposed equipment is the same that the ADOT&PF has been using for at least the last 10 years, with the only exception being ADOT&PF incorporation of the manufacturer's latest model when new models are introduced to the market. This equipment has been carefully specified and

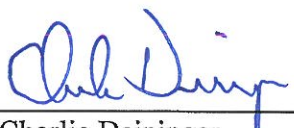
selected to interface together in a system for gathering, recording and communicating data efficiently. This equipment has also been selected for low maintenance requirements. ADOT&PF currently maintains stock of the proprietary items identified in this PIF and continued standardizing of the equipment 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.

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 as part of this project.

Submitted by:  5-30-14
Christina Huber, P.E. Date
Project Manager

Recommended by:  6.3.14
Robert A. Campbell, P.E. Date
Regional Director

Submitted by:  6/4/14
Charlie Deininger Date
Chief Contracts Officer