



DEPARTMENT OF ADMINISTRATIVE AND FINANCIAL SERVICES

# DIVISION OF PROCUREMENT SERVICES

STATE OF MAINE

## PROCUREMENT JUSTIFICATION FORM (PJF)

This form must accompany all contract requests and sole source requisitions (RQS) over \$5,000 submitted to the Division of Procurement Services.

*INSTRUCTIONS: Please provide the requested information in the white spaces below. All responses (except signatures) must be typed; no hand-written forms will be accepted. See the guidance document posted with this form on the Division of Procurement Services intranet site (Forms page) for additional instructions.*

### PART I: OVERVIEW

Department Office/Division/Program:		MaineDOT Office of Safety* Mobility and Bureau of Project Development	
Department Contract Administrator or Grant Coordinator:		Kara Aguilar	
(If applicable) Department Reference #:			
Amount: (Contract/Amendment/Grant)	\$ 7,925.00	Advantage CT / RQS #:	20240228000000001239
CONTRACT	Proposed Start Date:	2/10/2024	Proposed End Date: 2/10/2025
AMENDMENT	Original Start Date:		Effective Date:
	Previous End Date:		New End Date:
GRANT	Project Start Date:		Grant Start Date:
	Project End Date:		Grant End Date:
Vendor/Provider/Grantee Name, City, State:		CUBIC, Sugarland, TX	
Brief Description of Goods/Services/Grant:		Annual Maintenance and support for 11 seats of Synchro/SimTraffic	

### PART II: JUSTIFICATION FOR VENDOR SELECTION

Check the box below for the justification(s) that applies to this request. (Check all that apply.)

<input type="checkbox"/>	A. Competitive Process	<input type="checkbox"/>	G. Grant
<input type="checkbox"/>	B. Amendment	<input type="checkbox"/>	H. State Statute/Agency Directed
<input checked="" type="checkbox"/>	C. Single Source/Unique Vendor	<input type="checkbox"/>	I. Federal Agency Directed
<input type="checkbox"/>	D. Proprietary/Copyright/Patents	<input type="checkbox"/>	J. Willing and Qualified
<input type="checkbox"/>	E. Emergency	<input type="checkbox"/>	K. Client Choice
<input type="checkbox"/>	F. University Cooperative Project	<input type="checkbox"/>	L. Other Authorization

Please respond to ALL of the questions in the following sections.

### PART III: SUPPLEMENTAL INFORMATION

1. Provide a more detailed description and explain the need for the goods, services or grant to supplement the response in Part I.

MaineDOT uses Synchro/SimTraffic software to analyze traffic capacity at highway intersections and corridors. This software is critical to MaineDOT for development of improved intersection designs and efficient street and highway networks, and for the maintenance of traffic flow through highway work zones. Synchro/SimTraffic, which has been updated through the years, is the industry standard for intersection capacity analysis throughout the United States.

To attempt to analyze traffic capacity without Synchro/SimTraffic software would require more labor-intensive methods that would reduce productivity and yield results that would not be readily comparable to the analyses conducted by other agencies and consultants.

2. Provide a brief justification for the selected vendor to supplement the response in Part II. Reference the RFP number, if applicable.

Synchro/SimTraffic by Trafficware is a unique product, being a very capable traffic capacity analysis software with a relatively short learning curve for transportation engineers. It can be used to analyze capacity, delay, and congestion, compare baseline and growth conditions, redesign intersections, evaluate various forms of traffic control, such as stop signs, yield signs, and traffic signals, optimize traffic signal phasing and timing, and simulate traffic flow for analysis and presentation purposes. For these reasons, Synchro/SimTraffic emerged as the industry standard for software to do this type of work over the last 20 years. MaineDOT, like other agencies throughout the United States, depends on the unique capabilities of Synchro/SimTraffic to help deliver the services that its transportation system requires.

This software was vetted and approved by IT New Tech in 2022.

3. Explain how the negotiated costs or rates are fair and reasonable; or how the funding was allocated to grantee.

Annual per seat maintenance costs for this product are comparable to other niche engineering software applications in use by the Department.

4. Describe the plan for future competition for the goods or services.

Future competition in the field of traffic capacity analysis will depend on the ability of other software companies to compete with Trafficware on the national level. MaineDOT is dependent on national industry standards

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### PART IV: AMERICAN RESCUE PLAN ACT (ARPA) / MAINE JOBS & RECOVERY PLAN (MJRP)

Does this request utilize ARPA/MJRP funds?

Yes, MJRP funds (023) – If Yes, please attach the approved Business Case(s).

Yes, ARPA funds (025) – If Yes, please be aware of the requirements from awarding federal agencies.

No – If No, proceed to Part V.


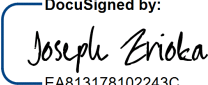
### PART V: CONFLICTS OF INTEREST (COI); PURCHASES BY THE STATE

Does the requesting Department signatory understand and acknowledge Maine's COI Statute?

Yes, the requesting Department signatory understands and acknowledges [Title 17, Chapter 101, §3104](#).

### PART VI: APPROVALS

The signatures below indicate approval of this procurement request.

Signature of requesting Department's Commissioner (or designee):			
Typed Name:	William Pulver, C.O.O.	Date:	2-20-2024
Signature of DAFS Procurement Official:	<small>DocuSigned by:</small>  <small>EA813178102243C...</small>		
Typed Name:	Joseph Zrioka Director of IT Procurement	Date:	3/7/2024