



INFORMATIONAL MEMORANDUM

TO: Transportation and Infrastructure Services Committee
FROM: Jen Tetatzin, Public Works Director
BY: Adam Cox, Interim Traffic Engineer
CC: Mayor Thomas McLead
DATE: August 22, 2025
SUBJECT: Traffic Signal Assessment and Repair Recommendation Amendment #2

ISSUE

Authorization to award Amendment #2 of the Traffic Signal Assessment and Preventative Maintenance Program contract.

BACKGROUND

The City is responsible for 64 signalized intersections that require routine maintenance and occasional repairs in response to damaged infrastructure. While updating the required timing sheets for each intersection during the traffic signal assessment, it was observed that a pedestrian clearance timing study was required. This study analyzed the signal phase timing to ensure they account for the additional pedestrian crossing times recommended by the Manual for Uniform Traffic Control Devices (MUTCD). The pedestrian clearance timing study was performed as part of the scope of work in Amendment No. 1.

ANALYSIS

Amendment #2 will update and reconfigure the City's traffic signal system to reflect the new pedestrian crossing times identified in Amendment #1. The scope of work includes:

- Reviewing and updating the Tactics central database to ensure accurate configurations for all 34 intersections.
- Adjusting signal coordination plans at 24 intersections to function properly with longer pedestrian clearance times.
- Conducting a peer review of programming at 10 intersections where new M-60 controllers replaced older models, to ensure all settings were preserved.
- Providing follow-up support to integrate the system with Lucy, establish remote access, and perform field testing.

The City does not have the in-house expertise for these specialized updates, and consultant support from Psomas is required to complete the work.

FINANCIAL IMPACT

Amendment No. 2 will use the available funds programmed for the CIP Annual Traffic Signal Program Project: 80010404.

	Cost		Funding
Psomas Services	\$176,622.00	ARPA Funds	\$176,622.00
Amendment #1	\$44,748.00	ARPA Funds	\$44,748.00
Amendment #2	\$59,876.00	CIP Project 80010404	\$59,876.00
Total:	\$281,246.00		\$281,246.00

RECOMMENDATION

The council is being asked to approve Amendment No. 2 for \$59,876 to perform the additional scope of services.

Attachments:

Amendment No. 2
Exhibit A – Scope of Services
Exhibit B – Cost Computations



City of Tukwila

6200 Southcenter Boulevard, Tukwila WA 98188

Agreement Number: 24-070

CONTRACT FOR SERVICES

Amendment #2

Between the City of Tukwila and PSOMAS

That portion of Contract No. **24-070** between the City of Tukwila and **PSOMAS** is hereby amended as follows:

Section 2, Scope of Services

The following language shall be added to the end of the existing Section 2:

In addition, work under this contract shall include reimbursement for services, direct expenses, and costs associated with the additional contract scope of services as described in Exhibit A attached.

Section 4, Payment

Section 4A is hereby amended to read as follows:

Payment for the work provided by the Consultant shall be made as provided on Exhibit B provided that the total amount of payment to the Consultant for that work shall not exceed \$281,246.00 without express written modification of the Agreement signed by the City.

The maximum amount payable under this contract as amended inclusive of all fees and other costs shall not exceed **\$281,246.00** without express written modifications of the Agreement signed by the City.

All other provisions of the contract shall remain in full force and effect.

Dated this _____ day of _____, 20____.



City of Tukwila

6200 Southcenter Boulevard, Tukwila WA 98188

Agreement Number: 24-070

**** City signatures to be obtained by
City Clerk's Staff ONLY. ****

**** Contractor signature to be obtained by
sponsor staff. ****

CITY OF TUKWILA

CONTRACTOR:

Thomas McLeod, Mayor

By: _____

Printed Name: _____

ATTEST/AUTHENTICATED:

Title: _____

Andy Youn, City Clerk

APPROVED AS TO FORM:

Office of the City Attorney

Exhibit A – Scope of Services

Supplement 2 – Tactics Database Updates

1. **Task #1: Project management**

Project management, meetings and administrative tasks. 52hrs

2. **Task #2: Tactics Database Assessment, Review and Updates:**

The pedestrian clearance timing task has revealed the need for a thorough review of the current Tactics database. Since the Tactics system was inoperable for several years, the information stored in the central database is not consistent with the current on-street configurations. 4 hours of additional time is needed to examine each of the 34 current intersections in Tactics Central for accuracy, compare database configurations to intersection configurations, and update configurations for each intersection to ensure central database accuracy. (34x4 hrs.=128).

The pedestrian clearance timing study has created the need to modify the signal coordination plans of 24 intersections to accommodate the additional walk/don't walk time required for pedestrians. 3 hours per intersection is needed to ensure that the coordination plans of each intersection will function properly with the increased pedestrian clearance times. (24x3 hrs.=72).

City Signal staff have replaced 10 Traconex controllers with new M-60 models. Conversions of controllers can be complex, requiring site analysis and extensive programming. These conversions warrant a configuration peer review to ensure undocumented configurations are maintained in the new controller conversions. (10x5 hrs.=50).

Follow-up TMC assistance to establish remote access for tech support, Lucity integration, support and field testing. The Lucity integration requires additional coordination meetings and field testing. 60 hrs.

EXHIBIT B

PRIME CONSULTANT COST COMPUTATIONS

Client:

City of Tukwila

Project Name:

City Wide Signal Assessment

Psomas Inc. Project Number:

9TUK010900 - Supplement 2

Date:

6/30/2025

Task No.	Task Description	Labor Hour Estimate						Total Hours and Labor Cost Computations by Task	
		Principal	Engineering Manager I	Senior Engineer II	Design Engineer I	Engineering Technician	Office Admin		
		\$292.00	\$228.00	\$207.00	\$134.00	\$115.00	\$111.00	Hours	Totals
Task 1 Project Management									
1.1	Project Management and administrative services	8	12	10			2	32	\$ 7,364.00
1.2	Meetings as needed		12			8		20	\$ 3,656.00
Task Total		8	24	10	0	8	2	52	\$ 11,020.00
Task 2 Tactics Database Assessment, Review, and Updates									
2.1	Tactics Database Assessment, Review, and Updates	8	80	8	106	108		310	\$ 48,856.00
Task Total		8	80	8	106	108	0	310	\$ 48,856.00
Total Labor Hours and Fee		16	104	18	106	116	2	362	\$ 59,876.00
Total Estimated Budget									\$ 59,876.00