



INFORMATIONAL MEMORANDUM

TO: **Transportation & Infrastructure Services Committee**
 FROM: **Hari Ponnekanti, Public Works Director/City Engineer**
 BY: **Josh Hartley, Public Works Deputy Director Transportation**
 CC: **Mayor Allan Ekberg**
 DATE: **March 3, 2023**
 SUBJECT: **2023 Annual Overlay Program - Engineering Services Contract**
Project No. 92210301
Contract No. 23-012, Amendment No. 1

ISSUE

Execute Amendment No. 1 to Contract No. 23-012, with KPG Psomas, Inc. (KPG), to include the 119th St. Pedestrian Crossing design and construction management services into the 2023 Annual Overlay Program contract.

BACKGROUND

Every year, Public Works (PW) issues a construction project to grind and overlay several blocks of roadways in the City of Tukwila. The annual overlay program is intended to preserve and maintain the street structure in a safe and useable state by resurfacing before failure, which also minimizes costs. Before work can commence, an engineer of record is required to prepare, design, and manage construction of the project. KPG provides a unique blend of knowledge and understanding of the City's overlay program that provides efficiency and benefits which cannot be matched at this time by any other firm. KPG has also performed very well in providing construction management services.

DISCUSSION

As part of the program described above, PW has a grant that funds the design and construction of a raised crosswalk located on 42nd. Ave. S and S. 119th St. that will provide a safer, more accessible pedestrian crossing. PW included this design into the overlay program to ensure that it is constructed timely. As a standalone project, the 119th pedestrian crosswalk could result on little to zero construction bids. By including it in the overlay program, the scope of work is bundled with other work and becomes more attractive to prospective bidders. KPG has provided an amendment, scope of work, and fee estimate to complete the design of the S. 119th crosswalk and advertise for construction bids.

FINANCIAL IMPACT

	<u>KPG Contract</u>	<u>Fund Source</u>	<u>Budget</u>
Original Contract (Overlay)	\$149,824.00	Overlay CIP	\$150,000.00
Amendment 1 (119 th Crosswalk)	<u>\$52,254.00</u>	TIB Grant	<u>175,000.00</u>
Total Contract Amount:	\$202,078.00		\$325,000.00

RECOMMENDATION

Approve Amendment No. 1 to Contract No. 23-012 for KPG on the 2023 Annual Overlay Program and consider this item on the Consent Agenda at the March 13, 2023, Council Meeting.

ATTACHMENTS:

S. 119th Pedestrian Crossing CIP Page
 KPG 2023 Overlay Consultant Contract - Amendment 1 Proposal

CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2023 to 2028

PROJECT: **S 119th St Bridge/ 42nd Ave S Raised Crosswalk and RRFB** Project No. 92210301

DESCRIPTION: Install raised crosswalk, curb bulbs, and a Rectangular Rapid Flashing Beacon on 42nd Ave S at the intersection of the S 119th street pedestrian bridge.

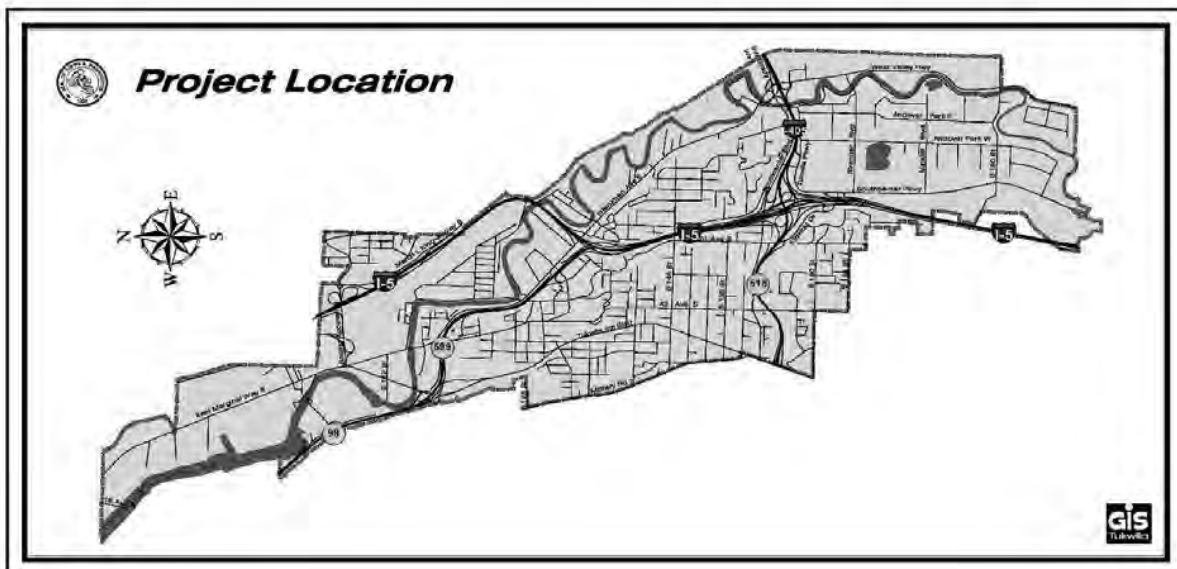
JUSTIFICATION: Enhance safety for pedestrians crossing at S 119th Street/42nd Ave S and encourages transportation choices for the neighborhood.

STATUS:

MAINT. IMPACT: New crosswalk and pedestrian flashing beacon will need to be maintained.

COMMENT: Residential improvements and traffic calming features to reduce speeds and improve pedestrian and bicycle safety. Grants submitted to WSDOT and TIB for 2023/2024 funding.

FINANCIAL (in \$000's)	Through Estimated									TOTAL
	2021	2022	2023	2024	2025	2026	2027	2028	BEYOND	
EXPENSES										
Design			30							30
Land (R/W)										0
Const. Mgmt.			35							35
Construction			185							185
TOTAL EXPENSES	0	0	250	0	0	0	0	0	0	250
FUND SOURCES										
Proposed Grant			175							175
Awarded Grant										0
Mitigation Expected										0
103 Fund Balance	0	0	75	0	0	0	0	0	0	75
TOTAL SOURCES	0	0	250	0	0	0	0	0	0	250





City of Tukwila

6200 Southcenter Boulevard, Tukwila WA 98188

Agreement Number:

CONTRACT FOR SERVICES

Amendment # 1

Between the City of Tukwila and KPG Psomas Inc.

That portion of Contract No. _____ between the City of Tukwila and _____
KPG Psomas Inc. is hereby amended as follows:

Section 2, Scope of Services, shall be amended with the following:

The Consultant agrees to provide the services in accordance with the scope of work included in the attached Exhibit A.

Section 4, Payment, shall be amended as follows:

An estimated budget for work provided by Consultant is included as Exhibit B, provided that the total amount of payment to the consultant under this agreement shall not exceed **\$202,078.00** (Orig PSA \$149,824.00 + this Amend 1 for \$52,254.00) without express written modification 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

CONTRACTOR

Allan Ekberg, Mayor



Printed Name: Nelson Davis, Vice President

ATTEST/AUTHENTICATED

APPROVED AS TO FORM

Christy O'Flaherty, MMC, City Clerk

Office of the City Attorney

EXHIBIT A
City of Tukwila
2023 Overlay Program
Scope of Work
Amendment #1 – S 119th St Pedestrian Crossing
February 2023

The Consultant shall prepare final Plans, Specifications and Estimates for the S 119th St Pedestrian Crossing at the S 119th Pedestrian Bridge and 42nd Ave S located in the Allentown Neighborhood. The Plans will not be incorporated into the 2023 Overlay Program construction documents. This contract assumes that the design and construction are being implemented with monies received from the Transportation Improvement Board (TIB), WSDOT Pedestrian and Bicycle grant, and City funds as needed. All project provisions from the Original Scope of work shall apply. The below assumptions, deliverables, and scope shall supplement the original scope and apply to the S 119th St Location:

Deliverables

- 30% review submittal with Plans and Estimate (electronic copies)
- 90% review submittal with Plans, Specifications, and Estimate (electronic copies)
- Routing of Plans to utilities for review and comment
- Bid Documents and Engineer's Estimate.
- WSDOT Coordination and Documentation
- SEPA Permit
- DAHP Consultation
- Shoreline Permit

Assumptions for the S 119th St Pedestrian Crossing

- This will be a stand alone construction project and contract documents will be developed in a manner to solicit bids.
- This contract will utilize WSDOT Pedestrian / Bicycle Program Funds
- City will facilitate all coordination with granting agency.
- Full topographic survey will be completed by the consultant for the project location.
- Rapid Rectangular Flashing Beacons (RRFBs) will be of the solar power system type.
- City will provide and communicate updates to affected residents at this location.
- The consultant shall budget for attendance of up to two Allentown Meetings at the Tukwila Community Center.
- The site location will be separate bidding schedule for construction (Schedule B).

- Only surface utilities requiring adjustment to grade will be shown.
- Drainage Modifications may be required
- Lane widths and channelization types shall be replaced in kind unless otherwise decided upon in collaboration with the City.
- Driveways that are disturbed will be restored with like pavement.
- It is assumed there will be approximately eight (8) plan sheets at 1"=20' scale full size (22" X 34"), 1"=40' at reduced scale (11" X 17").
- Drainage & Water Quality Reports will not be required.
- SEPA documentation will be filled out by the consultant and submitted and administered by the City . No additional environmental permitting will be required by the consultant.
- Shoreline permit will be filled out by the consultant and submitted and administered by the City.
- DAHP EZ-01 form will be filled out and submitted by the Consultant on behalf of the City.
- Geotechnical exploration and/or investigation will not be required.
- Maximum Extent Feasible Documentation is not included in this scope of work
- Consultant shall not be responsible for printing and supplying City or Contractor with hard copies of plans and specifications at interim submittals or contract award.

SCOPE OF WORK

TASK 1 – Project Management

1.1 The Consultant shall provide continuous project management and administration for the duration of the Project. (Estimate 6 months).

- Hold project coordination meetings with the City to update progress and review submittals. Assume (6) meetings.
- The Consultant shall provide monthly status reports and billings.
- The Consultant shall provide independent QA/QC reviews by senior in-house staff of all deliverables prior to submittal to the City.

TASK 2 – Survey and Base mapping

2.1 Provide ground based topographic surveys to generate basemaps at a 1"= 20' scale and digital terrain model (DTM) in AutoCAD format of the project limits described above. Field survey shall pick up curbs, edges of gutter pan, drainage/sanitary sewer structures to include pipe diameters, grate and invert elevations, the next connecting drainage/sanitary sewer structure situated beyond the above-described mapping areas, water appurtenances to include valves, meters and hydrants, fences, utility surface features, field markings of existing utilities identified previous to the survey by a sub-contracted locate company, buildings/structure faces, building awnings, traffic and business signs, striping and trees.

One-foot contours will be generated from the DTM. Vertical datum is assumed to be NAVD 88.

TASK 3 – Design

3.1 The Consultant shall prepare 30% Plans and Estimate for the S 119th St Pedestrian crossing.

3.2 The Consultant shall prepare 90%, and Final Plans . The anticipated plan sheets include:

- Cover (1 sheet)
- Survey Control (1 sheet)
- Site Preparation Plan (1 sheet)
- Proposed Improvement Plan (1 sheet)
- Raised Crosswalk Detail Plan (1 sheet)
- RRFB Details (1 sheet)
- Traffic Control Plans (2 sheets)

TOTAL: (8 sheets)

3.3 The Consultant shall calculate quantities and prepare Engineers Estimate of Probable Construction Cost for in preparation for the bid documents and bid proposal.

3.4 The Consultant shall prepare the Contract Specification per 2023 WSDOT Standard Specifications for the 90% Review Submittal and the Bid Documents.

3.5 The consultant shall attend up to one community meetings at the TCC to provide project update on the S 119th St Pedestrian Crossing

TASK 4 – WSDOT and Permitting Coordination

4.1 The Consultant shall coordinate design approval and construction documents with the funding agencies for grant funding compliance.

4.2 The Consultant shall assist the City in preparation of the following permits:

- SEPA
- Shoreline Management
- DAHP EZ-01 Form

Deliverables

- 30% Plans
- 30% Cost Estimate
- 90% & Final Plans
- 90% & Final Cost Estimate
- 90% & Final Contract documents including site specific Special Provisions
- WSDOT Coordination
- Permitting

EXHIBIT B
PRIME CONSULTANT COST COMPUTATIONS

Client: City of Tukwila
Project 2023 Overlay Program
Amendment #1

DATE: 2/3/2023

Task No.	Task Description	Labor Hour Estimate									Total Hours and Labor Fee Estimate by Task	
		Principal	Senior Engineer	Project Engineer II	Project Engineer I	Design Engineer	Survey Manager	Survey Crew I (W/Equip)	Project Surveyor	Office Admin		
		285	215	175	149	133	251	205	164	103	Hours	Fee
Task 1 Project Management												
1.1	Project Management	4		20						8	32	\$ 5,464.00
	Task Total	4	0	20	0	0	0	0	0	8	32	\$ 5,464.00
Task 2 Survey and Basemapping												
2.1	Field Sruvey and Prepare Basemap						2	4	4		10	\$ 1,978.00
	Task Total	0	0	0	0	0	2	4	4	0	10	\$ 1,978.00
Task 3 Final Design												
3.1	Prepare 30% Plans		16	4	16	16					52	\$ 8,652.00
3.2	Prepare 90% Plans		8	8	20	16					52	\$ 8,228.00
3.3	Preapre 30%, 90%, Final Cost Estimates		12	12	20	12					56	\$ 9,256.00
3.4	Prepare 90% & Final Contract Documents	2	12	24							38	\$ 7,350.00
3.5	Community Meeting Preparation and Attendance	2		4							6	\$ 1,270.00
	Task Total	4	48	52	56	44	0	0	0	0	204	\$ 34,756.00
Task 4 WSDOT & Permitting Coordination												
4.1	WSDOT and TIB Coordination	4		16	8						28	\$ 5,132.00
4.2	Permitting	4		8	16						28	\$ 4,924.00
	Task Total	8	0	24	24	0	0	0	0	0	56	\$ 10,056.00
	Total Labor Hours and Fee	16	48	96	80	44	2	4	4	8	302	\$ 52,254.00
												Total Estimated Budget \$ 52,254.00