



INFORMATIONAL MEMORANDUM

TO: **Transportation and Infrastructure Services Committee**
 FROM: **Hari Ponnekanti, Public Works Director/City Engineer**
 BY: **Adib Altallal, Utilities Engineer**
 CC: **Mayor Allan Ekberg**
 DATE: **March 4, 2022**
 SUBJECT: **Macadam Rd S. Water Upgrade Project- Design and Construction Mgmt Project No. 90440105**
Contract No. 21-022, Amendment No. 3

ISSUE

Approve Amendment No. 3 for Contract No. 21-022 with PACE Engineers Inc. (PACE) for the Macadam Rd S. Water Upgrade. Amendment No. 3 includes a fulltime inspector for the duration of the project.

BACKGROUND

In 2015, the City contracted with PACE as the design consultant for the Macadam Rd S. Water Upgrade Project, along with the Andover Park E Water & Sewer Improvements under Contract No. 15-116. In 2017, the design was put on hold due to construction cost estimates coming in higher than proposed in the 2019-2024 Capital Improvement Program. Due to limited fire flow issues, the project design contract was renewed and the project budget allocated was increased. This project addresses the need for additional capacity and the decision was made to change to a 12-inch pipe after two fires had erupted during Summer 2021 along the Macadam Road S waterline. The 12-inch pipe size will create plenty of redundant capacity and fire storage to minimize liability.

In February 2021, Council approved a new project design contract with PACE Engineers. Previous amendments increased design costs, added construction management costs, and included public outreach.

DISCUSSION

The project has been repeatedly prioritized as a critical Capital Improvement Program project by the Water Department. Due to staff shortage, construction management will need to be contracted out instead of completed in-house. Amendment No. 3 includes a fulltime inspector for the duration of the project.

FINANCIAL IMPACT

The contract amendment is for \$150,062.40, which will bring the contract total to \$292,001.56 for the design and construction management services portion of the Macadam Rd S Water Upgrade. The project costs are within budget and are 100% funded by the water enterprise fund.

	<u>PACE Contract</u>	<u>2021-2023 Design/CM Budget</u>
Original Contract	\$77,339.16	\$800,000.00
Amendment No. 1	27,600.00	
Amendment No. 2	37,000.00	
Amendment No. 3	<u>150,062.40</u>	
Total	<u>\$292,001.56</u>	

RECOMMENDATION

Council is being asked to approve a supplemental agreement for design and construction management services with PACE in the amount of \$150,062.40 for the Macadam Rd S Water Upgrade Project and consider this item on the Consent Agenda at the March 21, 2022 Regular Council Meeting.

Attachments: 2021 CIP, Page 61
PACE Supplemental Agreement No. 3



City of Tukwila

6200 Southcenter Boulevard, Tukwila WA 98188

Agreement Number: 21-022 (c)

CONTRACT FOR SERVICES

Amendment #3

Between the City of Tukwila and PACE Engineers

That portion of Contract No. 21-022 between the City of Tukwila and PACE Engineers is hereby amended as follows:

Section 04a:

4a. Payment for the work provided by the Consultant shall be made as provided on Exhibit "B" attached hereto, will increase the contract amount by \$150,000.00, provided that the total amount of payment to the Consultant not exceed \$291,939.16 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 _____, 2022.

CITY OF TUKWILA

PACE ENGINEERS

Allan Ekberg, Mayor

Kenneth H. Nilsen
Printed Name: KENNETH H. NILSEN

ATTEST/AUTHENTICATED

APPROVED AS TO FORM

Christy O'Flaherty, MMC, City Clerk

Office of the City Attorney



January 25, 2022

Mr. Adib Altallal
Public Works
City of Tukwila
6300 Southcenter Blvd
Tukwila, Washington 98188

Subject: *Macadam Road and Sidewalk Improvements- Professional Services Contract Amendment for Construction Inspection*

Dear Adib:

Based on our prior discussions, PACE Engineers Inc. (PACE) is submitting the following contract amendment for City review and approval, to provide full time construction inspection for the Macadam Road Watermain and Sidewalk Improvement Project. This amendment covers costs necessary to provide full time inspection services including necessary support staff as described below.

Construction Inspection

PACE will provide a full-time inspector for this project as requested by the City. Duties include but are not limited to:

- Onsite Inspection
- Coordination with Contractor
- Coordination with City
- Tracking of Quantities
- Pay Requests
- Project Closeout
- Other Tasks as needed.

Previously approved scope and budget included responding to RFI's, review of Material Submittals and attendance at the preconstruction meeting. This contract does not include any required special inspections such as compaction testing which will be provided by the City under a separate contract.

PACE proposes to provide the services listed above on a time-and-expense basis not to exceed **\$150,000**. The breakdown for the above fee is shown on the attached budget worksheet. This amount shall not to be exceeded without prior authorization from the City.

Again, we are pleased to submit this updated scope of work and budget to support the Macadam Road Watermain and Sidewalk Improvement project through construction bidding. Please do not hesitate to contact me at 425.827.2014 or kenn@paceengrs.com if you have any comments or questions.

Sincerely,

PACE Engineers, Inc.

Kenneth H. Nilsen, P.E.
Executive Vice President

PACE Engineers

Project Budget Worksheet - 2022 Washington EOR Rates

Project Name: **Macadam Road Inspection Support** Location: **Tukwila** Prepared By: **KN**
 Project #: Billing Group #: Task #: Date: **1/24/2022**

Staff Type # (See Labor Rates Table)	Staff Type Hourly Rate	Labor Hours by Classification										Hour Total	Dollar	Total
		1	15	81	91									
Drawing/Task Title	Job Title	Sr. Principal Engineer	Sr. Engineer	Sr. Inspector	Project Administrator									
Task 1 - Inspection Support														
Full time inspection assume 90 days (10 hr days)				900									900.0	\$135,000
Project Initiation				8									8.0	\$1,200
Project Closeout				8									8.0	\$1,200
Coordination		12	24		24								60.0	\$9,720
Hours Total		12.0	24.0	916.0	24.0								976.0	\$147,120.00
Labor Total		\$3,000	\$3,960	\$137,400	\$2,760									

Expenses	rate/unit	Reimbursable	
		Quantity	Cost
Postage/Courier			
Printing Costs			
Photo/Video			
Mileage/Travel/Per Diem			
Miscellaneous			\$2,942.40
Total			\$2,942.40

Subconsultants	
Utility Locate	
Mechanical Engineer	
Electrical Engineer	
Geotechnical Engineer	
I & C Engineer	
Subconsultant Subtotal	
Markup	15%
Total	

PACE Billed Labor Total	\$147,120.00
Reimbursable Expenses	\$2,942.40
Subconsultants	
Total Project Budget	\$150,062.40