



**Washington State
Department of Transportation**

Supplemental Agreement Number 2		Organization and Address	
Original Agreement Number EBR-3694		TranTech Engineering, LLC 365 - 118th Ave SE, Suite 100 Bellevue, WA 98005	
Project Number BRM-2776(009)		Execution Date 1/31/2020	Completion Date 12/31/2026
Project Title Edgewater Bridge Replacement		New Maximum Amount Payable \$3,647,608	
Description of Work The Bridge constructed in 1946, is a vital link in a chain of three bridges that provide the only access to neighborhoods located along the Mukilteo Boulevard. The existing structure is a 5-span 352 feet (52':78.5':91':78.5: 52') and 37 feet wide and is deficient in both shear and deck capacities. The new replacement bridge will be approximately 375 feet long and 49 feet wide. The bridge facility will have (2) 12-foot lanes, (2) 5-foot shoulders and (2) 6.5-foot sidewalks.			

The Local Agency of City of Everett
desires to supplement the agreement entered in to with Trantech Engineering, LLC
and executed on 1/31/2020 and identified as Agreement No. EBR-3694

All provisions in the basic agreement remain in effect except as expressly modified by this supplement.

The changes to the agreement are described as follows:

I

Section 1, SCOPE OF WORK, is hereby changed to read:

Additional design services as requested by the City and described in Exhibit A - Scope of Work

II

Section IV, TIME FOR BEGINNING AND COMPLETION, is amended to change the number of calendar days for completion of the work to read: 12/31/2027

III

Section V, PAYMENT, shall be amended as follows:

The current contract amount of \$3,509,212 is supplemented for an additional \$138,396 for a new maximum payable amount of 3,647,608.

as set forth in the attached Exhibit A, and by this reference made a part of this supplement.

If you concur with this supplement and agree to the changes as stated above, please sign in the Appropriate spaces below and return to this office for final action.

By: TranTech Engineering, LLC By: City of Everett

Khashayar Nikzad, President

Cassie Franklin, Mayor

01/08/2024

Date

Attest:

Exhibit "A"

Supplement No. 2 – Scope of Work

Edgewater Bridge Replacement

INTRODUCTION

Under the Edgewater Bridge Replacement project, the City of Everett (City) has requested that TranTech Engineering, LLC's team (Consultant) prepare a supplement to provide professional services to perform work not included within the original Scope of Services and Construction Phase Engineering and Construction Management Services.

Additional design phase services provided by TranTech and one of the TranTech team's members, Pertect, under **Work Elements 1, 11, 12, and 13**. Work elements consisted of additional project management, additional structural, civil, utility and stormwater design changes. These additional services are necessary as the result of structural wall and bridge modifications, negotiations with the adjacent property owners and the result of revisions needed to make the project improvements compatible with other City projects, including Edgewater Park. Additionally, the plans are needed to be revised to prepare City's intended re-bid package and incorporate WDFW and HPA conditions for the rebid package. These design revisions require additional coordination, preparation of pre-ad ready plans, estimate, and specifications for an additional submittal, additional plan, estimate, and specifications.

In the following the aforementioned additional scope of work is described in further detail.

ADDITIONAL DESIGN PHASE SCOPE OF SERVICES

The additional Scope of Services described below are the work elements to be accomplished by the Consultant as summarized under each Task. This scope consists of the following elements:

(The task numbers below correspond to the original Scope of Services.)

Work Element 1 – Project Management (Supplemented)

Work Element 11 – Civil, Roadway & Drainage Design (Supplemented)

Work Element 12 – Structural Design (Supplemented)

Work Element 13.5 (New task) – Re-bid Phase Services (Supplemented)

The extra services are identified in the detailed Scope of Services below.

SCOPE OF SERVICES DEFINED

Task 1 – Project Management (Supplemented)

This task includes project administration, meeting coordination, and design team management.

Work Elements:

- Consultant Team Meetings – approximately twelve (12) additional team meetings is assumed for the additional design services.
- Monthly Progress Reports and Invoicing – approximately fifteen (15) progress reports containing a narrative that identifies and describes significant activities performed in the previous month.
- Design Team Management – below is a list of continued tasks to be provided for the duration of the additional design:
 - Schedule and coordinate with design team.
 - Monitor project budget.
 - Maintain regular informal contact telephone discussions and electronic mail.

Deliverables:

- Invoices and Progress Reports

Work Element 11 – Civil, Roadway & Drainage Design

Additional PS&E design and analysis services include:

11.4 Pre-Ad Ready PS&E Documents (Supplemented)

The consultant revised the plans, specifications, and opinion of cost to incorporate the additional designs of drainage revisions and addressed the City's comments on the Pre-Ad Ready Rev 1 PS&E submittal. The plans and specifications were submitted to the City to be incorporated into the rest of the Pre-Ad Ready PS&E packages prepared by others.

Tasks included:

- **Private Property Drainage & Wall #2 Design:** Review current drainage design from CB on private property behind Wall #2 off Lamar Dr. Develop, coordinate, and submit additional design alternative for drainage design from CB on private property behind the wall. Coordinate, review, and complete additional changes to the design and PS&E as directed by the City due to ROW negotiations and Parks review.
- **Wall #1 Design:** Review and coordinate current wall profile design and plan sheet detail information. Coordination meetings with TranTech design team to discuss wall profile details. Provide preliminary station and offset information for wall piles.
- **Edgewater Park:** The subconsultant reviewed comments received from Everett Parks regarding the frontage design and restoration of Edgewater Park. Incorporated comments into the plans, specifications, and estimate.
- **WDFW Hydraulic Permit Approval:** Reviewed permit conditions received from WDFW and incorporated conditions into the plans and specifications.
- **Plans:** The Subconsultant revised all necessary civil plans to incorporate the revised designs listed above. The Subconsultant will provide plans to TranTech to be incorporated into the Pre-Ad PS&E sets.
- **Specifications:** The Subconsultant revised all civil Contract Provisions ("Specifications") to incorporate the revised designs listed above. The subconsultant updated the specification to include updated WSDOT GSPs. The Subconsultant provided special provisions to TranTech to be incorporated into the Pre-Ad PS&E sets.
- **Estimate:** Updated the opinion of cost to reflect new quantities from the changes. Updated the unit cost to reflect current bidding climate.
- **Internal QA/QC:** An internal Subconsultant quality assurance/quality control review of deliverables will be conducted for each Pre-Ad Ready submittal packages, as well as confirmation that comments received have been addressed. A record of comments received will be maintained. Response to each comment received will be tracked to confirm that they have been addressed.
- Review and address review comments on the Pre-Ad Ready submittals and incorporate into the Final-Ad Ready design plans, specifications, and opinion of cost.

Deliverables:

- Pre-Ad Ready Rev 2 & 3 Plans (half-size [11"x17"]) submitted in PDF to the Consultant to be incorporated into the plan set detailed in the original scope of services via e-mail
- Pre-Ad Ready Rev 2 & 3 electronic copy of the Special Provisions submitted in Microsoft Word to the Consultant via e-mail
- Pre-Ad Ready Rev 2 & 3 electronic copy of the Opinion of Cost submitted in Microsoft Excel to the Consultant via e-mail

Work Element 12 – Structural Design

Additional PS&E design and analysis services include:

12.4 Pre-Ad Ready PS&E Documents (Supplemented)

Additional plans and opinion of cost services include two additional Pre-Ad Ready (titled “Pre-Ad Ready Rev 2” and “Pre-Ad Ready Rev 3”) submittals of the plans, specifications, and opinion of cost and addressing review comments provided by the City for the Pre-Ad Ready submittal. Additional services include:

The consultant revised the structural plans, specifications, and opinion of cost to incorporate the wall revisions and addressed the City’s comments on the Pre-Ad Ready Rev 1, 2 and 3 PS&E submittal.

Tasks included:

- **Final Ad-ready Package**
Review and address review comments on the Pre-Ad Ready submittals and incorporate into the Final-Ad Ready design plans, specifications, and opinion of cost.
- **Private Property Drainage & Wall #2 Design:**
Review current design with respect to private property changes and incorporate required changes.
- **Wall #1 Design:**
Review current design with respect to ADA, safety with respect to steep slope and transition to Mukilteo Lane roadway.
- **Utility Coordination:**
Incorporation of utility comments in the plans and addressing City of Mukilteo’s water meter relocation from its current location adjacent to the south abutment of the bridge to Lamar Drive.
- **Plans:** The consultant revised all necessary structural plans to incorporate the revised designs listed above.
- **Specifications:** The consultant revised all structural Contract Provisions (“Specifications”) to incorporate the revised designs listed above.
- **Estimate:** Updated the opinion of cost to reflect new quantities from the changes. Updated the unit cost to reflect current bidding climate.

- **Internal QA/QC:** An internal consultant quality assurance/quality control review of deliverables will be conducted for each Pre-Ad Ready submittal packages, as well as confirmation that comments received have been addressed. A record of comments received will be maintained. Response to each comment received will be tracked to confirm that they have been addressed.

Deliverables:

- Pre-Ad Ready Rev 2 & 3 Plans (half-size [11"x17"]) submitted in PDF to the City

13.5 Re-bid Ad Ready PS&E Documents (New Subtask)

Additional plans, specifications, and opinion of cost revisions addressing review comments provided by the City and WSDOT and incorporating all addenda prepared during the original advertisement and bidding period.

Deliverables:

- Re-bid Ad Ready package submitted in PDF to the City

Supplement No. 2 - Prime Consultant Cost Computations Summary



Edgewater Creek Bridge Replacement

TRANTECH TEAM BUDGET BREAKDOWN

TranTech	\$	98,979
Pertect	\$	26,835

TOTAL PROJECT BUDGET \$ 125,814

MANAGEMENT RESERVE (MR) @ 10%

\$ 12,581

TOTAL PROJECT BUDGET + MR

\$ 138,396











Trantech Engineering-Edgewater Creek Bridge Rplace-Amend2-DE-rev.SD

Final Audit Report

2024-01-08

Created:	2024-01-04
By:	Marista Jorve (mjorve@everettwa.gov)
Status:	Signed
Transaction ID:	CBJCHBCAABAAeWCCaFbhopLdC0guJdgZT6iySiFUIh4k

"Trantech Engineering-Edgewater Creek Bridge Rplace-Amend2-DE-rev.SD" History

-  Document created by Marista Jorve (mjorve@everettwa.gov)
2024-01-04 - 10:09:55 PM GMT
-  Document emailed to Dan Enrico (DEnrico@everettwa.gov) for approval
2024-01-04 - 10:10:52 PM GMT
-  Email viewed by Dan Enrico (DEnrico@everettwa.gov)
2024-01-04 - 10:11:31 PM GMT
-  Document approved by Dan Enrico (DEnrico@everettwa.gov)
Approval Date: 2024-01-04 - 10:11:38 PM GMT - Time Source: server
-  Document emailed to Khashayar Nikzad (knikzad@trantecheng.com) for signature
2024-01-04 - 10:11:40 PM GMT
-  Email viewed by Khashayar Nikzad (knikzad@trantecheng.com)
2024-01-04 - 10:13:04 PM GMT
-  Email viewed by Khashayar Nikzad (knikzad@trantecheng.com)
2024-01-07 - 1:15:18 AM GMT
-  Document e-signed by Khashayar Nikzad (knikzad@trantecheng.com)
Signature Date: 2024-01-07 - 1:16:24 AM GMT - Time Source: server
-  Document emailed to Tim Benedict (TBenedict@everettwa.gov) for approval
2024-01-07 - 1:16:25 AM GMT
-  Email viewed by Tim Benedict (TBenedict@everettwa.gov)
2024-01-08 - 2:27:43 AM GMT



Document approved by Tim Benedict (TBenedict@everettwa.gov)

Approval Date: 2024-01-08 - 2:27:56 AM GMT - Time Source: server



Document emailed to Cassie Franklin (cfranklin@everettwa.gov) for signature

2024-01-08 - 2:27:58 AM GMT



Email viewed by Cassie Franklin (cfranklin@everettwa.gov)

2024-01-08 - 3:03:05 PM GMT



Document e-signed by Cassie Franklin (cfranklin@everettwa.gov)

Signature Date: 2024-01-08 - 3:03:19 PM GMT - Time Source: server



Document emailed to Marista Jorve (mjorve@everettwa.gov) for signature

2024-01-08 - 3:03:21 PM GMT



Document e-signed by Marista Jorve (mjorve@everettwa.gov)

Signature Date: 2024-01-08 - 4:14:04 PM GMT - Time Source: server



Agreement completed.

2024-01-08 - 4:14:04 PM GMT