

Jefferson County
Board of Commissioners
Agenda Request

To: Board of Commissioners
Philip Morley, County Administrator

From: Frank Gifford, Public Works Director *FG*

Agenda Date: November 19, 2012

Subject: Supplemental Agreement for Consultant Services with Tetra Tech, Inc. for Alder Creek Tributary Culvert Replacement, Upper Hoh Rd. MP 2.15, XO1736, Federal Aid No. ER-0801(025)

Statement of Issue: Public Works staff requests a modification of the scope of work and budget in the basic agreement with Tetra Tech, Inc. to include additional services for Alder Creek Tributary Culvert Replacement.

Analysis/Strategic Goals/Pro's & Con's: This supplement to the existing scope of work between Jefferson County and Tetra Tech is for construction assistance services for Alder Creek Tributary Culvert Replacement, and also extends the completion date from January 30, 2013 to January 30, 2014. These services will include final revisions to the contract documents, review of shop drawings and calculations for the 3-sided box culvert, providing on-site construction inspection assistance, and assisting with responses to Contractor questions during construction.

Fiscal Impact/Cost Benefit Analysis: The Tetra Tech agreement covers a supplement of \$21,509 for the Spruce Creek Culvert Replacement, increasing the maximum amount payable for this site from \$161,250 to \$182,759, and increasing the total contract value to \$504,254.51. This work is funded at 86.5% by the Federal Highway Administration and the remaining 13.5% through a combination of Rural Arterial Program (RAP) and County Road funds.

Department Contact: Mark Thurston, P.E., Project Manager, 385-9160.

Recommendation: The Board is requested to execute all three originals of the Supplemental Agreement with Tetra Tech, Inc., and return two originals to Public Works.

Reviewed By:


Philip Morley, County Administrator

11/13/12
Date

SUPPLEMENTAL AGREEMENT NUMBER 5	CONSULTANT ADDRESS/TELEPHONE: Tetra Tech, Inc. 1420 Fifth Avenue, Suite 600 Seattle, WA 98101-2357 Phone: (260) 883-9300
AGREEMENT NUMBER: Tetra Tech – Upper Hoh Road	
PROJECT NUMBER: XO1736, XO1781, and XO1821	MAXIMUM AMOUNT PAYABLE: \$504,254.51
PROJECT TITLE: Upper Hoh Road Culvert Replacements	COMPLETION DATE: January 30, 2014

The County of Jefferson, State of Washington, desires to supplement the agreement entered into with Tetra Tech, Inc. and executed on January 19, 2010 and identified as:

Tetra Tech – Upper Hoh Road

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:

II

Section II, SCOPE OF WORK, shall be amended by creating a new task for Alder Creek -- Task No. 8, Construction Administration Assistance. The items of work that will be done under Construction Administration Assistance are set forth in the attached Exhibit A – Alder Creek Culvert, and by this reference made a part of this supplement.

There will be no change to the scope of work for Dismal Creek and Spruce Creek.

IV

Section IV, TIME FOR BEGINNING AND COMPLETION, is amended to change the date for completion of the work to read:

This contract will expire on January 30, 2014.

V

Section V, PAYMENT, shall be amended as follows:

For Alder Creek, Task No. 8, Construction Administration Assistance, will have a maximum amount payable of \$21,509.00. The new, total maximum amount payable for Spruce Creek will be \$182,759.00, as shown below. There will be no change to the maximum amount payable for Dismal Creek and Spruce Creek.

Alder Creek Culvert Replacement:

Task Description	Current Maximum Amount Payable	Supplement #5	New Maximum Amount Payable
EXISTING TASKS:			
Project Management	\$10,899.00	\$0.00	\$10,899.00
Preliminary Design Report	\$13,607.00	\$0.00	\$13,607.00
Plans, Specifications, & Est.	\$60,770.00	\$0.00	\$60,770.00
Geotechnical Analysis	\$1,334.00	\$0.00	\$1,334.00
Hydraulic Analysis	\$20,055.00	\$0.00	\$20,055.00
Environmental Services	\$42,546.00	\$0.00	\$42,546.00
Topographical Survey	\$8,739.00	\$0.00	\$8,739.00
Expenses	\$3,300.00	\$0.00	\$3,300.00
Subtotal	\$161,250.00	\$0.00	\$161,250.00
NEW TASKS:			
Construction Assistance	\$0.00	\$21,509.00	\$21,509.00
TOTAL	\$161,250.00	\$21,509.00	\$182,759.00

Tetra Tech Agreement:

Site	Current Maximum Amount Payable	Supplement #5	New Maximum Amount Payable
Alder Creek Tributary	\$161,250.00	\$21,509.00	\$182,759.00
Dismal Creek	\$147,945.51	\$0.00	\$147,945.51
Spruce Creek	\$173,550.00	\$0.00	\$173,550.00
Total	\$482,745.51	\$21,509.00	\$504,254.51

If you concur in 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.

Tetra Tech, Inc.
Consultant


Consultant's Signature

11/8/12
Date

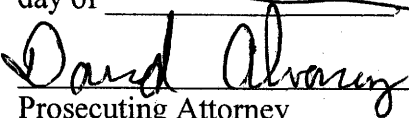
COUNTY OF JEFFERSON
BOARD OF COMMISSIONERS

John Austin, Chairman

Phil Johnson, Member

David W. Sullivan, Member

Approved as to form only this 11/6/2012
day of _____ 2012

DEPUTY 
Prosecuting Attorney

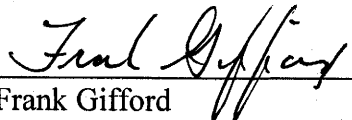

Frank Gifford
Public Works Director

EXHIBIT A

SUPPLEMENT NO. 5 -- SCOPE OF WORK ALDER CREEK TRIBUTARY CULVERT REPLACEMENT

INTRODUCTION

This supplement provides for additional professional services necessary to provide support during construction for Jefferson County. The additional effort is described per major task category below. Jefferson County will provide all construction inspection. One site visit by the project's geotechnical engineer is budgeted to observe footing conditions as described below.

1. **Assist County with final revisions to Contract Documents:** The Consultant will assist the county in performing minor revisions to the contract documents prior to bid advertisement.
2. **Review Shop Drawings and Culvert Calculations:** The Consultant will perform review of shop drawing and calculations for the precast concrete box culvert and footings. The Special Provision reference is 6-02.3 Construction Requirements, Shop Drawings. A limited time allocation is established to respond to questions.
3. **Respond to Questions during Construction:** The Consultant will assist the County in answering questions that may arise during construction. It is anticipated that the majority of these requests will be responded to by the County. A limited time allocation is established for the Consultant to respond to questions when requested by the County.
4. **Geotechnical Construction Support:** Time is allocated for one site visit by the team's geotechnical engineer, AMEC Environmental & Infrastructure, Inc., to observe footing conditions and to provide recommendations for the placement of the precast concrete footings.

Alder Creek Tributary Culvert Replacement - Supplement No. 5

PROJECT : Upper Hoh Road Culvert Replacements
 Construction Administration Support Services

P.D. No.: 135-12562-10001-02

County Work Order # 18017360

Date: 10/22/2012

Phase Description	TETRA TECH LABOR										SUBCONSULTANTS @ 1.00			PHASE TOTALS
	Principal Engineer	Sr Civil Engineer	Civil Engineer	Sr. Hyd. Engineer	Sr Bridge Engineer	Structural Engineer	CAD Drafting	Admin.	Total Hours	Total Labor Cost	AMEC	Adolfson	Total Sub Cost	
1.0 Construction Services														
1.1 Assist County with final revisions to Contract Documents		20					10							\$4,321
1.2 Review Shop Drawings and Calculations	1	16		4	4	12		3	40	\$6,252				\$6,252
1.3 Respond to Questions during Construction	4	24			8	8	4		48	\$8,022				\$8,022
1.4 Geotechnical support		2						1	3	\$414	\$2,500		\$2,500	\$2,914
TOTAL HOURS	5	62		4	12	20	14	4	91	\$19,009	2,500		\$2,500	\$21,509
DIRECT JOB WAGES (DJW)	\$75.00	\$36,000	\$48,000	\$50,000	\$66,000	\$48,500	\$33,000	\$27,000						
SUBTOTALS	\$375	\$3,472		\$200	\$792	\$970	\$462	\$108						
TOTAL ESTIMATED WAGES								\$6,379						
WAGE OVERHEAD @ 1.6800								\$10,717						
PROFESSIONAL FEE @ 0.30								\$1,914						
								TOTAL						

TOTAL COMPENSATION THIS EFFORT: \$21,509