Washington State Department of Transportation

Supplemental Agreement Number 6	Organization and Address Perteet, Inc. 2707 Colby Avenue, Suite 900 Everett, WA 98201 Phone: (425) 252-7700	
Original Agreement Number 2015-22		
Project Number	Execution Date March 27, 2015	Completion Date May 1, 2017
Project Title 90th Ave. N.W. Extension - Viking Way	New Maximum Amount Payable $ 454,172	
Description of Work See attached Exhibit "A-1", Scope of Services		

The Local Agency of City of Stanwood desires to supplement the agreement entered in to with Perteet, Inc. and executed on March 27, 2015 and identified as Agreement No. 2015-22

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:

See Exhibit "A-1", Scope of Services, attached hereto and made a part of this agreement.

II

Section IV, TIME FOR BEGINNING AND COMPLETION, is amended to change the number of calendar days for completion of the work to read: May 1, 2017 - No Change

III

Section V, PAYMENT, shall be amended as follows:

These additional services will cause an increase in the amount of Fifteen Thousand Two Hundred Ninety-Four Dollars ($15,294) for a new maximum amount payable of Four Hundred Fifty-Four Thousand One Hundred Seventy-Two Dollars ($454,172).

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: Perteet, Inc.

Consultant Signature
Crystal L. Donner, President

By: City of Stanwood

Leonard Kelley
Approving Authority Signature

11-16-16
Date

DOT Form 140-063
Revised 09/2005

City of Stanwood
2016-71

90th Ave. N.W. Extension - Viking Way

Exhibit "A"

Summary of Payments

	Basic Agreement	Supplement #1	Supplement #2 Time Extension	Supplement #3 Fund Task Reallocation	Supplement #4	Supplement #5	Supplement #6	Total
Direct Salary Cost	$ 75,358	$ 5,378			$ 12,876	$ 5,051	$ 430	$ 99,093
Overhead (Including Payroll Additives)	$ 130,874	$ 9,340			$ 22,362	$ 8,772	$ 747	$ 172,095
Direct Non-Salary Costs	$ 48,672	$ 58			$ 11,189	$ 90,720	$ 13,979	$ 164,618
Fixed Fee	$ 24,115	$ 1,721			$ 4,120	$ 1,616	$ 138	$ 31,710
Management Reserve	$ -							$ -
Unused Funds Deduction					$ (13,344)			$ (13,344)
Total	$ 279,019	$ 16,497			$ 37,203	$ 106,159	$ 15,294	$ 454,172

EXHIBIT A-1
Scope of Work
City of Stanwood
90th Avenue NW Extension

During the term of this Contract, Perteet Inc. (CONSULTANT) will perform professional services for the City of Stanwood (CITY), as detailed below:

INTRODUCTION

The 90th Avenue NW roadway extension project will construct a new roadway (90th Avenue NW) from 271st Street NW to Viking Way and construct a new roadway (Viking Way) from 90th Avenue NW to 88th Avenue NW.

GENERAL SCOPE OF SERVICES

This supplement (No. 6) to the previous contract covers additional effort required to complete the project.

Federal funds will be used in the planning, design, and/or construction of the project. Accordingly, the CONSULTANT will use procedures outlined in the WSDOT Local Agency Guidelines (LAG Manual) during development of the project.

The work includes supplements to the following tasks:

Task 3 – Environmental (Supplement)

TIME FOR COMPLETION

The CONSULTANT will complete all work under this supplement by December 31, 2016.

Task 3 – Environmental (Supplement)

The purpose of this task is to supplement the existing NEPA documentation with a noise analyses as requested and required by WSDOT.

Work Elements:

- Coordinate with sub-consultant and contract administration
- Perform Noise Study
  - Background Review
    - Review of maps, project drawings and plans, project description, etc.
  - Ambient Noise Measurements
    - Visit project area and conduct long-term measurements (i.e., at least 24-hours) in the project vicinity near potentially impacted residential areas.
    - Measurements will be taken at up to two (2) locations. Locations will be selected upon site visit.

    - Measurement to be made with Type 1 sound level meters.
    - Ramboll Environ will document observations and measurement conditions during equipment setup and retrieval.
    - If necessary and/or feasible, Ramboll Environ will collect short-term sound level measurements for the purpose of noise modeling validation.
  - Noise Modeling Study
    - Ramboll Environ will complete a noise analyses using FHWA Traffic Noise Model (TNM) Version 2.5.
    - Modeling will be based on electronic CAD drawings to be provided by Perteet.
    - Drawings shall include the location of proposed roadway, footprints of nearby buildings, if available, and delineation of property lines.
    - Perteet will provide Ramboll Environ with traffic volumes necessary to complete modeling. Ideally, peak-hour traffic turning movements at the proposed new intersection or nearby intersections will be sufficient for the design year.
    - Rambol Environ notes that currently there is no existing roadway, and so an assessment of existing conditions of the project roadway will not be completed. However, Ramboll Environ may complete modeling of existing roadways in the project vicinity to determine the potential for project-related increases in traffic, if such traffic data is available
    - Noise modeling will be completed for all nearby noise-sensitive residential receivers, and also at nearby commercial properties.
    - Assessment of impacts will be per WSDOT's 2011 Traffic Noise Policy and Procedures.
    - Although not expected, if noise modeling demonstrates that noise mitigation is required to meet WSDOT noise criteria, Ramboll Environ will evaluate the potential effectiveness of noise barriers using TNM.
  - Reporting
    - Ramboll Environ will document results of the assessment as a stand-alone Noise Discipline Report, per the requirements of WSDOT's 2011 Traffic Noise Policy and Procedures.

Assumptions:

- Right of entry, if necessary, will be secured by Client.

Deliverables:

- Noise Discipline Report per the requirements of WSDOT's 2011 Traffic Noise Policy and Procedures in PDF format

Schedule

Perteet anticipates that work associated with this supplement will be complete by December 31, 2016.

Consultant Fee Determination Summary

PERTEET

2707 Colby Avenue, Suite 900, Everett, WA 98201 | P 425.252.7700

Project: 90th Ave. N.W. Extension - Supplement No. 6
Client: City of Stanwood

Hourly Costs Plus Fixed Fee Estimate

Classification	Hours	Rate	Amount
Sr. Associate	2.00	62.06	$124
Lead Engineer / Mgr	6.00	41.00	$246
Accountant	2.00	30.00	$60
Total Direct Salary Costs	10.00		$ 430
Overhead @		173.67%	$747
Fixed Fee @		32.00%	$138
Total Labor Costs			$1,315

Subconsultants

Subconsultants	Cost	Markup	Amount
Ramboll Environ International Corporation	$13,979.00	1.00	$13,979.00
Total Subconsultants	$13,979.00		$13,979.00

CONTRACT TOTAL	$15,294.00

Rates shown reflect the typical compensation rate of employees assigned to the billing category listed. Each category may have multiple employees assigned to that billing category and each employee may have a different hourly rate of pay. Employee compensation is subject to adjustment in June of each calendar year.

Prepared By: Dustin I DeKoekkoek Date: October 26, 2016