

MEMO TO: City Council

FROM: John Marchione, Mayor

DATE: June 1, 2010

SUBJECT: **APPROVAL OF SUPPLEMENTAL CONSULTANT AGREEMENT NO. 2 FOR DESIGN AND CONSTRUCTION SERVICES FOR THE 185<sup>TH</sup> AVENUE NE EXTENSION, PHASE II, PROJECT NO. 101197**

**I. RECOMMENDED ACTION:**

Approve Supplemental Consultant Agreement No. 2 with Inca Engineers for the 185<sup>th</sup> Avenue NE Extension, Phase II, Project No. 101197, in the amount of \$188,715.53, and authorize the Mayor to sign the agreement.

**II. DEPARTMENT CONTACT PERSONS:**

Bill Campbell, Director of Public Works	425-556-2733
Ron Grant, Assistant Public Works Director/City Engineer	425-556-2742
Steve Gibbs, Project Manager	425-556-2729

**III. DESCRIPTION:**

Background

In 1986, site plan conditions for United Parcel Service (UPS) called for reservation of the 185<sup>th</sup> Avenue NE corridor right-of-way and dedication and construction of the 185<sup>th</sup> Avenue NE extension, contingent upon a City re-alignment study. Negotiations with UPS regarding their property development and impact issues from the new roadway project have been on-going and UPS will be required to dedicate the right-of-way for the road project. These negotiations with UPS have resulted in a draft Right-of-Way (ROW) Mitigation Agreement to outline the details of the ROW dedications; a Developer Agreement to outline future UPS development on their property; and a Construction Access Agreement which details access issues during construction. The Developer Agreement is tentatively scheduled to go before the City's Hearing Examiner on June 15, 2010.

In May 1999, the Bentall Corporation entered into a Transportation Impact Mitigation Agreement with the City to design and construct the 185<sup>th</sup> Avenue NE extension and a

later negotiated settlement allowed the developer to contribute funds toward the City project.

City Council first reviewed the preliminary design contract for this project at the May 15, 2007 Council meeting, and then the final design supplement at the March 17, 2009 Council meeting.

This Supplemental Agreement covers additional work needed to complete the final design and bid documents for construction and also provides for services during construction of the project.

This project will extend 185<sup>th</sup> Avenue NE north to Union Hill Road through the UPS property. Project elements include:

- A new traffic signal will be constructed at the intersection of 185th Avenue NE and Union Hill Road;
- Retaining walls on the western edge of the right-of-way;
- Biofiltration swale for water quality treatment of roadway stormwater;
- Mitigation for the UPS property will include revisions to the existing parking lot, minor drainage modifications and clearing and grading on the easternmost section of the UPS parcel.

#### IV. IMPACT:

A. Service/Delivery: This project provides a critical link in the streets system to support fire service and traffic concurrency.

B. Fiscal:

Design Costs

Consultant Services (Inca Engineers)	\$ 513,350
City Administration	90,000
Right-of-Way	20,000

Construction Administrative Support

Inca Engineers	<u>151,750</u>
Total	\$ 775,100

Funding:

Transportation CIP	\$775,100
--------------------	-----------

**V. ALTERNATIVES:**

City Council could choose not to approve the agreement, however this action would delay the design and construction of the improvement project.

**VI. TIME CONSTRAINTS:**

Complete UPS agreements/Final Design	July 2010
Advertise for Bids	August 2010
Complete Construction	Summer 2011

**VII. LIST OF ATTACHMENTS:**

- A. Vicinity Map
- B. Supplemental Consultant Agreement No. 2

      /s/        
William J. Campbell, Director of Public Works

      05/24/10        
Date

Approved for Council Agenda       /s/        
John Marchione, Mayor

      05/25/10        
Date

**ATTACHMENT B**

**185<sup>th</sup> Avenue NE Extension  
Project No. 101197**

**SUPPLEMENTAL AGREEMENT NO. 2**

This SUPPLEMENTAL AGREEMENT, made and entered into this \_\_\_\_ day of \_\_\_\_\_, 20\_\_ between the City of Redmond, Washington, hereinafter called the CITY, and \_\_\_\_\_, hereinafter called the CONSULTANT, amends an earlier Agreement (AGREEMENT) dated May 25, 2007.

WHEREAS the CITY desires to supplement the original AGREEMENT;

NOW THEREFORE, it is mutually agreed that the terms, stipulations, and conditions of the original AGREEMENT shall be binding upon the parties hereto except insofar as amended by this SUPPLEMENTAL AGREEMENT as follows:

**I**

Section II, SCOPE OF WORK, is amended by the additional tasks summarized in Exhibit A-2 attached hereto.

**II**

Section IV, TIME FOR BEGINNING AND COMPLETION, is amended to change the completion date for all work to read June 30, 2011.

**III**

Section V, PAYMENT, shall be amended to compensate the CONSULTANT for the work described in Exhibit A-2.

A breakdown of the CONSULTANT'S cost proposal is attached hereto as Exhibit B-2 By this reference the exhibit is made a part of this SUPPLEMENTAL AGREEMENT.

Summarized below are the costs as listed in the original AGREEMENT and as modified by this SUPPLEMENTAL AGREEMENT.

<b>Summary</b>				
<b>Description</b>	<b>Original Agreement</b>	<b>Supplement No. 1</b>	<b>Supplement No. 2</b>	<b>Total</b>
Labor Cost	\$65,408.12	\$360,032.00	\$158,311.53	\$583,751.65
Reimbursables	\$ 185.50	\$ 720.00	\$ 404.00	\$ 1,309.50
Total	\$65,593.62	\$360,752.00	\$158,715.53	\$585,061.15
Contingency	\$20,000.00	\$ 30,000.00	\$ 30,000.00	\$ 80,000.00
<b>Grand Total</b>	<b>\$85,593.62</b>	<b>\$390,752.00</b>	<b>\$188,715.53</b>	<b>\$665,061.15</b>

**EXECUTION**

IN WITNESS WHEREOF, the parties have executed this SUPPLEMENTAL AGREEMENT by having their representatives affix their signatures below.

*"Consultant"*

CITY OF REDMOND

By \_\_\_\_\_

By \_\_\_\_\_  
John Marchione, Mayor

\_\_\_\_\_  
*(Title)*

Attested:

By \_\_\_\_\_  
City Clerk

Approved as to Form:

By \_\_\_\_\_  
City Attorney

**Exhibit A-&**  
**City of Redmond**  
**185<sup>th</sup> Avenue NE Extension Project**  
**Supplement #&**  
**Scope of Services**  
**Additional Final Design and Construction Support**

**PROJECT DESCRIPTION**

The final design tasks in Supplement #1 have been completed for the 185<sup>th</sup> Avenue NE Extension Project. In order to prepare for bidding the following efforts need to be completed that were not part of Supplement #1. These efforts are described below:

**WORK ELEMENT 12 ADDITIONAL FINAL DESIGN ELEMENTS**

The CONSULTANT will complete the following work elements to prepare the design documents for bidding:

**12.1 UPS Coordination**

The Consultant shall address UPS questions, review parking lot reconfiguration options and design temporary parking space during construction to maintain UPS site separation from construction activities.

**12.2 PSE and Comcast Coordination**

The Consultant shall provide additional coordination for undergrounding review of utility conflict and coordination with signal and rain garden design.

**12.3 Drainage Plan Additions**

The Consultant shall provide additional design effort for Rain Garden to support grants and monitoring requirements.

**12.4 Millennium Driveway Modifications**

The Consultant shall develop design and easements for realignment of millennium driveway with the proposed signal at NE Union Hill Rd and 185<sup>th</sup> Avenue NE.

**12.5 UPS Permit Support**

The Consultant shall support special permits and investigations required by the City to modify the existing UPS site permitting and land use associated with implantation of the 185<sup>th</sup> Avenue NE Extension Project.

**WORK ELEMENT 13 SUPPORT DURING CONSTRUCTION**

**13.1 Attend Construction Kickoff Meeting**

The Consultant shall attend the construction kickoff meeting and prepare meeting minutes.

**13.2 Attend Weekly Construction Meetings and Prepare Meeting Minutes**

The Consultant shall attend the weekly construction meetings and prepare meeting minutes. It is assumed that the project duration will require up to 40 weekly meetings and minutes.

### **13.3 Review of Shop Drawings**

The Consultant shall review shop drawings for the project. The major reviews are anticipated to be:

- Signal Poles
- Stormwater Structures
- Soil Nail Walls

An estimated effort of 62 hours is assumed for this work element.

### **13.4 Review and respond to RFI's**

The Consultant will support the City to review RFI's submitted during construction. An estimated effort of 74 hours is assumed for this task.

### **13.5 Site Visits and Field Observations**

The Consultant will provide site visits and field observations during the construction of the project. Key construction elements reviewed are anticipated to be the following:

- Soil Nail Wall Installation
  - Observe installation of the permanent shoring wall on a full-time basis. We assume that shoring wall installation will require one field engineer on a full-time basis for the duration of the shoring wall installation (5 weeks assumed).
  - Observe excavation activities and monitor excavation stability. We assume that our engineer will be on-site observing installation of the shoring wall during this period and that no additional site visits will be required.
- Signalization System
- Rain Garden and Landscape

### **13.6 Construction documentation support**

The Consultant will support the City with documentation support for Changes and potential claims during construction.

### **13.7 Record Drawings**

The Consultant will create record drawings in accordance with City Standards. It is assumed the contract will provide the proposed markup and the Consultant will review and modify the design drawings with this data. The files will then be organized to the requirements of the City of Redmond for submittal.

CONSULTANT FEE SUMMARY

Exhibit B-2

CITY OF REDMOND

185TH AVENUE NE EXTENSION PROJECT  
INCA Engineers, Inc.  
FEE ESTIMATE

INCA DIRECT SALARY COST (DSC):

Classification	Hours	X	Rate	Cost
1. Project Supervisor	0		170.41	\$0.00
2. Project Manager	132		155.46	\$20,520.72
3. Project Engineer/ Sr. Engineer	280		137.52	\$38,505.60
4. Staff Engineer	232		110.62	\$25,663.84
5. CADD/ Tech Support	272		80.72	\$21,955.84
6. Survey Manager	1		127.06	\$127.06
7. Comp Tech	1		101.65	\$101.65
9. Field Tech 1	8		88.19	\$705.52
10. Field Tech 2	8		68.76	\$550.08
11. Clerical	28		74.74	\$2,092.72
INCA HOURS	962			\$110,223.03

REIMBURSABLES:

Mileage ( 800 Miles X 0.505/mile )	\$404.00	
Parking	\$0.00	
Courier	\$0.00	
Reporgraphics	\$0.00	
		\$404.00

SUBTOTAL \$110,627.03

SUBCONSULTANTS

Geo Engineers	\$43,088.50
Wake Robin	\$5,000.00
CONTINGENCY	\$30,000.00

GRAND TOTAL - ESTIMATED FEE \$188,715.53