# AM NO. 10-079 (C.10)

MEMO TO: City Council

FROM: John Marchione, Mayor

DATE: April 20, 2010

SUBJECT: AWARD OF BID AND SUPPLEMENTAL CONSULTANT AGREEMENT

NO. 1 FOR ENGINEERING SERVICES FOR REDMOND TOWN CENTER

PUMP STATION NO. 17 ODOR CONTROL, PROJECT NO. 101373

#### I. RECOMMENDED ACTION:

Award of bid for Redmond Town Center PS-17 Odor Control Project, No. 101373, to Award Construction Inc. (ACI) of Ferndale, Washington, for the bid amount of \$85,169.10, and authorize the Mayor to sign the construction contract.

Approve Supplemental Consultant Agreement No. 1 with BHC Consultants, LLC for engineering services for Redmond Town Center Pump Station No. 17 Odor Control Project in an amount not to exceed \$43,000.

#### II. DEPARTMENT CONTACT PERSONS:

Bill Campbell, Director of Public Works	425-556-2733
Ron Grant, Assistant Public Works Director/City Engineer	425-556-2742
Joe O'Leary, Project Manager	425-556-2738

# III. DESCRIPTION:

Pump Station No. 17 (PS-17) is located on Bear Creek Parkway, east of the Sammamish River and west of Redmond Town Center. The pump station was originally constructed in 1997. The station collects sewage flows from Redmond Town Center and pumps it to the sewer main below Leary Way.

Over the last five years, there have been persistent complaints from Redmond Town Center shoppers and employees, as well as trail users about odors coming from the pump station. Efforts by the City maintenance staff to reduce odors were unsuccessful.

In October 2008 BHC Consultants was hired to evaluate options to address the odor issues and provide preliminary and final design services. Testing, and subsequent analysis showed that odors could be best mitigated by filtering and treating the exhaust

fumes from the pump station. Supplemental Consultant Agreement No. 1 covers additional design services that were performed at the City's request, and provides for services during construction.

#### **Bid Results**

Advertisements for bids were placed in the *Seattle Daily Journal of Commerce* on February 24 and March 3, 2010. Bids were opened on March 18, 2010, after the 2 p.m. submittal deadline. Six (6) bids were received and they are tabulated as follows:

ACI (Award Construction, Inc.), Ferndale, WA	\$85,169
Omega Contractors, Inc., Duvall, WA	\$91,214
Equity Builders, LLC, Bellingham, WA	\$95,813
Stouder General Construction, Ferndale, WA	\$97,455
Gary Harper Construction, Inc., Snohomish, WA	\$99,864
McClure and Sons, Inc., Mill Creek, WA	\$116,589

# Engineer's Estimate

\$147,825

\$164,399

\$217,409

The low bidder was ACI. The bidders' unit prices, extensions, and additions have been checked for accuracy and for unbalanced bid items. References for ACI have been contacted and were found to be satisfactory. Staff recommends award of the contract to ACI of Ferndale, Washington.

#### IV. IMPACT:

# A. <u>Service Delivery:</u>

The project will reduce odors coming from the pump station.

#### B. Fiscal:

# **Estimated Project Costs:**

Construction Subtotal

**Total Estimated Costs** 

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Preliminary Design	\$ 8,470
Final Design	16,498
Final Design (Supplemental Agreement No. 1)	18,770
City Administration	6,688
Miscellaneous	<u>2,584</u>
Design Subtotal	\$53,010
Construction	
Construction Contract	\$ 85,169
Consultant (Supplemental Agreement No. 1)	24,230
City Administration	20,000
Miscellaneous	5,000
Contingencies	30,000

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Supplemental Agreement No. 1 for Engineering Services, Project No. 101373
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Proje	ct Funding:
Wast	ewater C I P

\$217,409

# V. ALTERNATIVES:

Council could choose to not award the contract, however this would result in no odor control work being performed.

# VI. TIME CONSTRAINTS:

Award of bid must occur within 45 days of the bid opening or the contractors may withdraw their bids.

Construction Contract Award Construction Period April 20, 2010 May-July, 2010

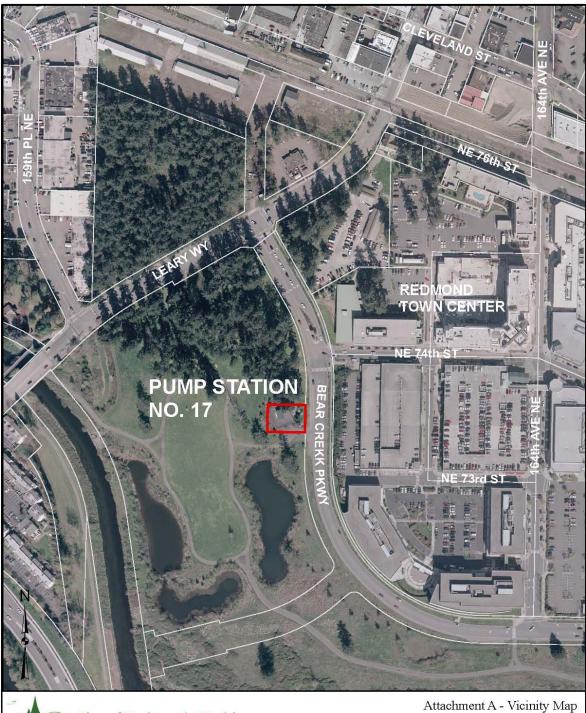
# VII. LIST OF ATTACHMENTS:

- A. Vicinity Map
- B. Supplemental Consultant Agreement No. 1

/s/	4/12/10
William J. Campbell, Director of Public Works	Date

Approved for Council Agenda _	Jane Christenson for	4/12/10
-	John Marchione, Mayor	Date

# ATTACHMENT A



City of Redmond, Washington 02/23/2010

Redmond Town Center Pump Station No. 17

LyofRedmond

Life Station 17 Vicinity (Heap, and Dress 02/73/7016)

#### ATTACHMENT B

# Redmond Town Center PS-17 Odor Control Project No. 101373

#### SUPPLEMENTAL AGREEMENT NO. 1

This SUPPLEMENTAL AGREEMENT, made and entered into this day of	, 2010,
between the City of Redmond, Washington, hereinafter called the CITY, and BHC Consultants,	LLC,
hereinafter called the CONSULTANT, amends an earlier Agreement (AGREEMENT) dated Oc	tober 15,
2008.	

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-1 attached hereto.

II

Section IV, TIME FOR BEGINNING AND COMPLETION, is amended to change the completion date for all work to read December 31, 2010.

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Section V, PAYMENT, shall be amended to compensate the CONSULTANT for the work described in Exhibit A-1.

A breakdown of the CONSULTANT'S cost proposal is attached hereto as Exhibit B-1. 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.

	Summa	ry	
Description	Original Agreement	Supplement 1	Total
Labor Cost	\$16,718	\$29,550	\$46,268
Reimbursables	\$8,250	\$700	\$8,950
Subconsultants	\$0	\$8,140	\$8,140
Total	\$24,968	\$38,390	\$63,358
Contingency	\$0	\$4,610	\$4,610
Grand Total	\$24,968	\$43,000	\$67,968

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# **EXECUTION**

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

BHC Consultants, LLC	CITY OF REDMOND
By	By
(Title)	
	Attested:
	ByCity Clerk
	Approved as to Form:
	By

# **EXHIBIT A-1**

# Scope of Work Bidding and Construction Engineering Services

City of Redmond: Town Center PS-17 Odor Control

# **Project Approach**

The project includes design of a vapor-phase odor control system for the Redmond Town Center PS-17 wet well. The existing wet well ventilation fan and associated ductwork will be removed. A new ventilation fan and odor control canister will be installed. The capacity will match the existing capacity of 900 cfm. The odor control canister will be designed around a two-cell system as manufactured by Unisorb. The odor control canister will be installed in the northwest portion of the existing paving.

# Scope of Work

# **Bidding and Construction Engineering Services**

Task 1	Revise plans and specifications to respond to additional City review comments.
Task 2	Provide pdf files of specifications and plans to Builder's Exchange.
Task 3	Print 5 sets of full size plans for use by City construction division.
Task 4	Respond to questions during bidding.
Task 5	Check low bidder references and prepare contract documents.
Task 6	Prepare for and attend preconstruction conference.
Task 7	Review project data submittals as requested by City staff (limited to 4 hours).
Task 8	Respond to questions and issues raised during construction (limited to 12 hours).
Task 9	Provide periodic site visits (limited to 2 for civil engineer and 2 for electrical engineer).
Task 10	Conduct final inspection and prepare punch list.
Task 11	Prepare record drawings. Print record drawings in accordance with Redmond standards.
Task 12	Prepare Electronic O&M Manual hard copy and convert hard copy to electronic web-formatted version. Add to City's existing electronic O&M Manual.

# EXHIBIT B-1 Consultant Fee Determination City of Redmond Town Center PS-17 Odor Control

# **HOURLY RATES:**

# **BHC Consultants, LLC**

Classification	Hours x	<u>Rate</u>			Cost (\$)
Project Manager (Ron Dorn)	68	\$ 190.00		\$	12,920
Structural Engineer (Jim Lutz)	4	\$ 190.00		\$	760
Project Engineer (Erika Schuyler)	78	\$ 135.00		\$	10,530
Staff Engineer (Mark Morrow)	20	\$ 95.00		\$	1,900
CAD Support (Patti Simon)	24	\$ 120.00		\$	2,880
Clerical Support (Melanie Robinson)	8	\$ 70.00		\$	560
TOTAL:	202		Total =	\$	29,550
REIMBURSABLES:					
Mileage				\$	200
Printing				\$	500
				Ψ	000
SUBCONSULTANT COSTS (See Exhi	bit C-1):			\$	8,140
TOTAL				\$	38,390
TOTAL				Ψ	30,330
CONTINGENCIES:				\$	4,610
GRAND TOTAL:				\$	43,000

# EXHIBIT C-1 Subcontracted Work City of Redmond Town Center PS-17 Odor Control

The CITY permits subcontracts for the following portions of the work of the AGREEMENT:

SUBCONSULTANT	WORK DESCRIPTION		AMOUNT
Follett Engineering	Electrical Engineering & Design		8,140
		Total =	8,140