



Washington State  
Department of Transportation

# PAYMENT VOUCHER

Voucher # **XV 30F 003632**

Vendor No. **910745357**

Totals 

Ret. Total	\$0.00	N/P Total	\$0.00	Total	\$20,835.07
------------	--------	-----------	--------	-------	-------------

Vendor: SHANNON & WILSON INC

Address 1: PO BOX 300303

Address 2:

Y/E Phase ☐ Voucher Date **04/22/09**  
Status **REJECTED / HELD**

City, State, Zip: SEATTLE

WA98103-9703

PAGE NUMBER: 1 OF 1

Invoice				Reference		Retainage	
P. Auth	Date	Number	P. Agree	Order No.	Quantity	P/F Type	Amount
	04/16/09	80353	10218AB 0		0.000		

Distribution												
Job No.	Work Op	Obj	Org	B/S Acct	Parcel	C. Section Equip No.	Revenue Source	Fund	Activity	Appr.	Agency	Disc. Type
XL2268 37	0112	JK01	4411 01			060101						

Service Request No.	N/P Amount	Total Amount	I/D
		\$17,776.70	

Invoice				Reference		Retainage	
P. Auth	Date	Number	P. Agree	Order No.	Quantity	P/F Type	Amount
	04/16/09	80354	10218AG 0		0.000		

Distribution												
Job No.	Work Op	Obj	Org	B/S Acct	Parcel	C. Section Equip No.	Revenue Source	Fund	Activity	Appr.	Agency	Disc. Type
XL1137 21	0112	JK01	4123 35			310303						

Service Request No.	N/P Amount	Total Amount	I/D
		\$3,058.37	

Invoice				Reference		Retainage	
P. Auth	Date	Number	P. Agree	Order No.	Quantity	P/F Type	Amount

Distribution												
Job No.	Work Op	Obj	Org	B/S Acct	Parcel	C. Section Equip No.	Revenue Source	Fund	Activity	Appr.	Agency	Disc. Type

Service Request No.	N/P Amount	Total Amount	I/D

(01) 21-1-20850 (05)  
(02) 21-1-20850 (35)

User Name  
**CHARLEEN EMMONS**

Received By **SEE ATTACHED** Date

Comments:

Checked and Approved for Processing By Date

Signature of Approving Authority Date **4-22-09**

## Task AB

Y10218

910745357

Task No.	AB				
SR:	5				
Job. No.:	XL2268	37 0112 JK01	441101	060101	
Project:	Columbia River Crossing				
Last Date Payable:	Oct 31, 2009				
Pre-Task:	\$ -				
Task Amount:	\$ 444,844.00				
Supplement 1:	\$ 180,205.00				
Supplement 2:	\$ -				
Supplement 3:	\$ -				
Maximum Payable:	\$ 625,049.00				
			Amount		
			Remaining		
Payment No.	Payment Date	Payment Amt.	In Task	Invoice No.	Payment Period
1	12/28/2007	\$25,199.75	\$ 599,849.25	77625	12/8/2007
2	1/25/2008	\$ 58,747.65	\$ 541,101.60	Y10218/002	1/12/2008
3	3/11/2008	\$121,519.55	\$ 419,582.05	Y10218/003	2/16/2008
4	3/28/2008	\$100,241.17	\$ 319,340.88	Y10218/004	3/15/2008
5	6/23/2008	\$129,761.70	\$ 189,579.18	78672	5/31/2008
6	7/7/2008	\$35,263.21	\$ 154,315.97	78805	6/30/2008
7	11/20/2008	\$103,344.16	\$ 50,971.81	79327	10/18/2008
8	4/21/2009	\$17,776.70	\$ 33,195.11	80353	4/4/2009
9					
10					
11					
12					
13					
14					
15					
		\$ 591,853.89			

**SHANNON & WILSON, INC.**

Fed. I.D. # 91-0745357  
400 N. 34th St., # 100

Geotechnical and Environmental Consultants  
P.O. Box 300303 Seattle, Washington 98103

Telephone: (206) 632-8020  
Fax: (206) 633-6777

07628  
W S D O T  
Attention: ACCOUNTS PAYABLE  
MATERIALS LABORATORY  
P O BOX 47365  
OLYMPIA WA 98504-7365

INVOICE NUMBER Y-10218 / 012
---------------------------------

**JOB REFERENCE**

GEOTECHNICAL ENGINEERING SERVICES  
STATEWIDE ON-CALL SERVICES  
VARIOUS LOCATIONS, WASHINGTON

THIS PERIOD FROM: 03/15/09

TO: 04/04/09

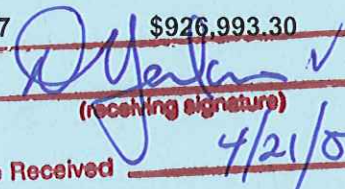
INVOICE DATE	CONTRACT OR PURCHASE ORDER	AUTHORIZED FEE	JOB NUMBER
04/16/09	AGREEMENT: Y-10218	\$1,085,525.00	21-1-20850 (**)
PROFESSIONAL SERVICES	TOTAL TO DATE	PREVIOUS BILLINGS	DUE THIS PERIOD
(01) Task Assignment: AA SR-529, XL-1137	\$298,584.00 S&W Inv #N/A	\$292,555.44	\$0.00
(05) Task Assignment: AB SR-I5, XL-2268	\$625,049.00 S&W Inv #80353	\$574,077.35	\$17,776.70
(15) Task Assignment: AC * SR-I4, XL-3219	\$7,000.00 Task Complete	\$6,871.84	\$0.00
(20) Task Assignment: AD * I405/I5, C7295	\$10,000.00 Task Complete	\$9,582.69	\$0.00
(25) Task Assignment: AE * GDM Rev, AD0040	\$15,575.00 Task Complete	\$14,113.90	\$0.00
(30) Task Assignment: AF * SR 405, C7510	\$4,005.00 Task Complete	\$3,691.43	\$0.00
(35) Task Assignment: AG SR-529, XL-1137	\$125,312.00 S&W Inv #80354	\$26,100.65	\$3,058.37
<b>Invoice Totals</b>	<b>\$947,828.37</b>	<b>\$926,993.30</b>	<b>\$20,835.07</b>

**Enclosures (By Task Assignment):**

Progress Report  
Billing Analysis  
Expense Documentation

\* Complete

Thank You!

	
(receiving signature)	
Date Received	4/21/09
Work Order	
Emp No	
Initial	DS

Please pay from this invoice--Net 30 days--Late charge 1.5% per month on past due accounts

## **Columbia River Bridge Crossing**

**CONSULTANT AGREEMENT Y-10218; Work Order XL2268, Task AB**

### **PROGRESS REPORT**

**October 1, 2008 through April 4, 2009**

- Prepared and submitted the cyclic direct simple shear (CDSS) testing program for the main crossing. The subcontractor completed the CDSS testing, and submitted the final test results to Shannon & Wilson.



SHANNON & WILSON INC.  
Geotechnical and Environmental Consultants

# Billing Analysis Through 4/4/2009

Project : 21-1-20850 STATEWIDE ON-CALL GEOTECHNICAL  
Inv Group : 05 PHASE 005 THRU 012 (TASK AB)  
Client : 07628 W S D O T  
Rate Sched :

Bill Cycle : 2  
Billir : 04621  
Invoice Mask: INSWONE3  
Fee Type: CP

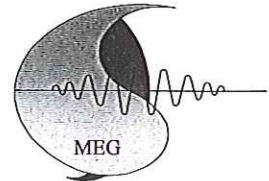
## Phase : 009 AB: OTHER DIRECT COSTS (ODC's)

Regular Expenses			Transaction		Period End		Cost	Multiplier	Amount
Vendor Name	Org	Doc Nbr	Date		Date				
DC - Subcontracts									
04650 MEG CONSULTING LTD	2100	175511	3/17/2009		3/21/2009		17,776.70	1.00	17,776.70
Total Regular Expenses							17,776.70		17,776.70

Phase Total 009 AB: OTHER DIRECT COSTS (ODC's) 17,776.70

Invoice Total 21-1-20850 STATEWIDE ON-CALL GEOTECHNICAL (05) 17,776.70

Shannon & Wilson, Inc  
400 N 34th Street, Suite 100  
Seattle WA 98103  
USA



**MARINE & EARTH  
GEOSCIENCES**

March 3, 2009

Dear Sirs

Attention: Mr. Robert Mitchell

Invoice No. 0809-164

**To Professional Services:**

Project No. 08-MTS-05 Columbia River

Services for Lab Testing performed during January 1 to February 28, 2009.

Lab Testing US\$ 17,776.70

**Total Amount for Invoice** US\$ **17,776.70**

Thank you for your business. We are grateful for the opportunity of working with you on this project.

Yours truly,  
**MEG Consulting Limited**

John P. Sully, Ph.D, P. Eng.  
Principal

**COPY**

*pg 1 of 2*

INVOICE APPROVAL

Vendor # 04650 Date 3/21/09

Amount \$ 17,776.70

G/L # 4140

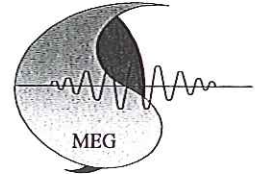
Project # 21-1-20850-009

Subcontractor Yes ☒ No ☐

Approval [Signature] Voucher # 175511

## Summary of Laboratory Testing

**Project** Columbia River  
**Client** Shannon & Wilson, Inc  
**Project No.** 08-MTS-05  
**Date** January 1-February 28, 2009



Code	TEST DESCRIPTION	NUMBER OF TESTS	UNIT RATE US\$	TOTAL
103	Moisture content	20	\$15.00	\$300.00
105	Grain Size Analysis (Sieve + Hydrometer)	1	\$175.00	\$175.00
106	Sieve Analysis - #4	9	\$82.00	\$738.00
108	Specific Gravity	10	\$72.00	\$720.00
109	Relative Density (emax - emin)	5	\$375.00	\$1,875.00
111	Unit Weight - Shelby Tube extrusion	20	\$40.00	\$800.00
128	Static DSS - Consolidated - Constant Volume	3	\$325.00	\$975.00
207	Strain-controlled Cyclic DSS	12	\$500.00	\$6,000.00
212	Post-Cyclic Static DSS	5	\$275.00	\$1,375.00
214	Stress Controlled Cyclic DSS	5	\$500.00	\$2,500.00
	Report (15% of Laboratory Testing)			\$2,318.70
TOTAL				\$17,776.70

**COPY**

*Pg. 2 of 2*