

1 THE ALASKAN WAY VIADUCT &
2 SEAWALL REPLACEMENT PROGRAM
3 AGREEMENT Y-9715

4
5 TASK NO. CL
6 TECHNICAL ASSISTANCE IN DEVELOPING THE WORK
7 PROGRAM FOR DESIGN-BUILD RFP DOCUMENTS
8 FOR THE BORED TUNNEL

9
10 SCOPE OF WORK
11 (EXHIBIT A)

12
13
14 **Summary:**

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16 Agreement has been reached between the STATE, King County, and City of Seattle on how to
17 replace the two-and-a-half mile Alaskan Way Viaduct (PROJECT) with a bored tunnel. The
18 STATE wants construction to commence on the bored tunnel program in 2011.

19 The STATE has directed the CONSULTANT to assist in the development of the bored tunnel
20 design criteria package and assist the STATE in preparation of the Requests for Qualifications/
21 Requests for Proposals (RFQ/RFP) for the acquisition of the Design-Build firm or firms. The
22 STATE will advertise the Design-Build contract and select the firms.

23 This Task Order duration is from May 4, 2009 through October 15, 2009. Activities in this task
24 are focused on completing the work by July 15, 2009.

25 **Objective:**

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27 The CONSULTANT shall assist in the development of the bored tunnel design criteria package
28 and assist the STATE in preparation of the RFQ/RFP for the acquisition of the Design-Build firm
29 or firms.

1 **Approach:**

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3 The CONSULTANT shall assist the STATE in developing a scope of work along with the work
4 products necessary to meet the critical construction commencement schedule stated above.
5 The CONSULTANT shall provide the technical staff experienced in bored tunnel design-build
6 procurements to assist the STATE in the development of the approach for the RFQ/RFP.
7 The CONSULTANT approach will be to:

- 8 1. Identify a list of deliverable work products necessary for the RFQ/RFP;
- 9 2. Develop a schedule for production of these deliverable work products, and
- 10 3. Develop a staffing plan and budgets necessary to accomplish the work so that the
11 STATE can commit the necessary funds and supplement the CONSULTANT's
12 agreement for performing the work.

13
14 As time permits, the CONSULTANT shall also assist the Alaskan Way Viaduct Project Team in:

- 15 1. Developing, refining, and finalizing Project program requirements, and
- 16 2. Development and refinement of Project design requirements.

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18
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20 **Assumptions:**

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- 22 • The STATE will advertise the Design Build contract and select the firms.
 - 23 • The CONSULTANT shall perform this work on the development of the RFP Technical
24 Documents within the Alaskan Way Viaduct & Seawall Replacement Program office.

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26 **Deliverables:**

- 27
- 28 • No formal deliverable submissions are anticipated. Work products will be memoranda and
29 technical briefings.

30

<u>WSDOT MDL No.</u>	<u>PB No.</u>	<u>Description</u>
PE.PM.02	CL.01	Project Management
Not applicable	CL.99	Other Direct Costs

31
32 **Anticipated Deliverable Schedule:**

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34 It is anticipated that this work will be completed by July 15, 2009 at which time this task order
35 may be further amended or supplemented.

36
37 **Consultant's Cost Computations (Cost Estimate):**

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39 The Consultant's Cost Computations (Cost Estimate) are included as Exhibits D and E and by
40 reference are made part of this Task Order.

1 **Progress Reporting:**

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3 This task is a level of effort task. Progress will be reported based on actual costs.
4
5 The CONSULTANT shall adhere to the cost management system established in Task No. AA –
6 Project Management, Alaskan Way Viaduct & Seawall Replacement Program. Progress will be
7 updated monthly.

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9 **List of Exhibits**

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11 Exhibit D – Prime Consultant's Cost Computations (Cost Estimate)

Alaskan Way Viaduct Phase 2

AWV PHASE 2 - Y-9715						
Totals	PB	Total Hours	Total Labor	Direct Expenses	Total Task	
PB No.						
Work Element Description						
CL	408	408	101,859	23,491	125,350	
TECHNICAL ASSISTANCE IN DEVELOPING THE WORK PROGRAM FOR DESIGN-BUILD RFP DOCUMENTS FOR THE BORED TUNNEL						
CL.01	408	408	101,859		101,859	
CL.99	0	0	0	23,491	23,491	
	408	408	\$101,859	\$23,491	\$125,350	
Hours / Cost excl. Escalation						
Total Labor Estimate By Firm (Incl. Escalation)						
ODCs Estimate By Firm						
Subtotal before Markup>						
Prime Consultant's Markup on Subconsultants at 4.0 %						
Grand Totals By Firm						
	0		\$0	<Markup		
	125,350		\$125,350	<Grand Total Estimate		

Alaskan Way Viaduct Phase 2

PB			
No.	Work Element Description	Sr Engineering Manager	Total Hours
CL	TECHNICAL ASSISTANCE IN DEVELOPING THE WORK PROGRAM FOR DESIGN-BUILD RFP DOCUMENTS FOR THE BORED TUNNEL	408	408
CL.01	Project Management	408	408
CL.99	Other Direct Costs		0
	Hours Totals	408	408

Alaskan Way Viaduct Phase 2 EA

Consultant Fee Estimate - PB

Technical Assistance in Developing the Work Program for Design-Build RFP Documents for the Bored Tunnel

Classification	Grade	Hours	x	Rate	=	Cost
Sr Engineering Manager	P-14	408		\$249.66		\$ 101,859
Subtotal		408				\$ 101,859
Subtotal		TOTAL: LABOR				\$ 101,859
Direct Non-Salary Costs						Cost
See Attached						\$ 23,491
Prime Consultant Markup on Subconsultants at 4.0 percent: Not Applicable						\$ -
SUBTOTAL: Prime Consultant Amount						\$ 125,350
Subconsultant Costs						Cost
NONE						
Subconsultant Costs Total						\$ -
TOTAL						\$ 125,350

Alaskan Way Viaduct Phase 2 EA

DIRECT EXPENSE Estimate for Task CL: **PB**

Technical Assistance in Developing the Work Program for Design-Build RFP Documents for the Bored Tunnel

Travel Quantities and Rates:

Number of Trips	Origin	Round Trip Rate: Airfare	Avg. length in days of each trip	Number of travel days, all trips combined	Food + Lodging Per Diem Rate
5	Boston, MA	\$1,145	14	70	\$246.65

Transportation to and from Airports at \$25.00 per occurrence:

For each trip, allow one residence-to-airport occurrence outbound, and one airport-to-residence occurrence upon return.

For each trip, allow one airport-to-office occurrence in Seattle, and one office-to-airport occurrence upon departure from Seattle.

Total Transportation per trip = **\$100.00**

Travel Cost Computations:

<u>Quantity and Descrip.</u>	<u>Item and Rate</u>	<u>Amount</u>	
Trip 5	Airfare \$1,145.00	\$5,725	
Trip 5	Transportation \$100.00	\$500	
Travel Days 70	Per Diem \$246.65	<u>\$17,266</u>	
	Total:		\$23,491

Travel Assumption: From Boston to Seattle: Provision for an estimated 5 trips.

Whenever possible, the Consultant shall seek alternatives to normal hotel lodging where cost-savings would be realized.