

**FIRST AMENDMENT TO INTERAGENCY DEVELOPMENT AGREEMENT FOR
RIGHT OF WAY DESIGN AND CONSTRUCTION**

THIS FIRST AMENDMENT TO INTERAGENCY DEVELOPMENT AGREEMENT FOR RIGHT OF WAY DESIGN AND CONSTRUCTION (this "First Amendment") is made and entered this _____ day of _____, 201____, by and between the **City of Tacoma** ("City"), a Washington State municipal corporation, and the **Board of Regents of the University of Washington** ("University"), a state institution of higher education and an agency of the State of Washington; each individually a "Party," or collectively "the Parties."

WHEREAS, the City and the University entered into that certain Interagency Development Agreement for Right of Way Design and Construction dated February 14, 2014 (the "Agreement"). The Agreement as amended by this First Amendment may be referred to herein as the Amended Agreement; and

WHEREAS, the City has completed the Design phase scope of work under the Agreement, and as of the date of this Amendment all allowed costs for the Design phase have been paid in full by the University or payments are in progress; and

WHEREAS, the University desires, and the City is willing to continue the Public Outreach phase and commence the Construction Management phase of the Project, and

WHEREAS, the Parties recognize the need to amend the Agreement and scope of work in order to commence the Construction Management phase and complete the Project; and

WHEREAS, the Parties are consolidating under a single City of Tacoma construction contract, (a) the scope of work for the Project and (b) certain non-Project City of Tacoma work elements relating to relocation and/or construction of City stormwater and water lines, in order to achieve efficiencies and cost savings to both Parties and to minimize construction disturbance to adjacent businesses and the general public.

NOW THEREFORE, in consideration of the mutual promises and obligations hereinafter set forth, the Parties hereby amend the Agreement as follows:

1. Section 1 of the Agreement entitled "Scope of Services/Work-Manner of Performance-Performance Goals" is hereby amended as follows:

Addition of new subsections 1.D and 1.E:

D. The Parties, by mutual agreement and in conformance with Subsections I.E. and LAB. Of the Agreement, hereby agree to commence the Construction Management phase of the Project as provided herein. To that end, Exhibit A to the Agreement is hereby modified as set forth in Exhibit A-1 attached hereto. The City will perform the

Construction Management phase set forth in Exhibit A-1 in conformance with all terms and conditions of the Amended Agreement.

E. Attached hereto as Exhibit B-1 are the plans and specifications for the consolidated City construction contract entitled City of Tacoma Public Works Department Specification No. PW14-0087F, July 2014 (the "Plans"). Certain portions of the Plans comprise the Project. Portions of the Plans assigned as "City Work Elements" and "City Responsibility" below are not included in the Project. Subject to all the terms and conditions of the Amended Agreement, the Parties have agreed upon the finalized scope of work for the Project, further defined below, provided, however, that the City shall withhold from the contractor's notice to proceed those sidewalk improvements shown on Plan Sheet R4 of R8, which improvements were to be constructed at 1722 and 1706 Broadway, until such time as City has determined consistent with the terms of this Agreement that the Project together with said sidewalk improvements can be completed within the Overall Fee Limitation together with the City Contribution.

1. The Project consists of the work element of the Plans entitled "Arterial Street Improvement, South 17th Street and Jefferson Avenue Street Improvements, WBS Element PWK 01000 (the "Project Work Element"), as limited below;

2. The Project does not include City work elements for Storm and Water Main Improvements, Storm Sewer Improvements, WBS Element ENV-03008-10 and Water Main Improvements, Improvement No. WTR-PRP2013-60 (together, the "City Work Elements"). No portion of the work to construct and install the 60-inch storm drain as included in the Plans is within the Project. No portion of the work to install the Tacoma Water Line addressed in the Plans as Public Road Project 2013-60, South 17th Street page 1 of 1 and Water Ways and Fire Hydrants for Jefferson Ave STA 24+50 to STA 25+00, sheets 1 and 2 of 2, is included within the Project. The City Work Elements are solely the responsibility of the City;

3. The Project is further defined by the assignment of tasks within the itemized Engineer's Estimate attached hereto as Exhibit B-3. The Project shall include those items or portions of items assigned to University within the Exhibit B-3 Work Group itemizations. The City shall be responsible for those items or portions of items assigned to "Env" or "Water" in Exhibit B-3 ("City Responsibility"). Responsibility for work itemized on Exhibit B-3 is assigned as follows and as more completely allocated within Exhibit B-3:

a. **Group 1a Roadway Quantity:** University and City shall share certain bid items listed in Group 1a Roadway Quantity within the Engineering Estimate, as assigned and in the amounts allocated in Exhibit B-3, which bid items are R-1 through R-53;

b. **Group 1b 60" Storm Sewer Transmission Main:** City shall be solely responsible for the bid items under Group 1b 60" Storm Sewer Transmission Main of Exhibit B-3;

c. **Group 1c Minor SD system:** University and City shall share certain bid items listed in Group 1c Minor SD System within the Engineering Estimate, as assigned and in the amounts allocated in Exhibit B-3, which bid items are SD-1 through SD-25.

d. **Group 1d Common Lump Sum items:** University and City shall share responsibility for certain Group 1d Common Lump Sum items listed within the Engineers Estimate, as assigned and in the amounts allocated in Exhibit B-3, which bid items are LS-1 through LS-7;

e. **Group 1-A2 Alternate 2: South 17th Street HMA Section:** On Exhibit B-3, the City and University have selected Group 1-a Alternative 2 as the S. 17th Street HMA Section. University and City of Tacoma Environmental Services will share certain bid items listed in Group 1-A2 Alternate 2: South 17th Street HMA Section in the Engineering Estimate, which bid items are A2-1 through A2-3.

4. Those items and portions of items identified above as City Responsibility shall not constitute the Project under this Agreement.

2. Section 3 of the Agreement ("Compensation and Payment") is hereby amended by replacing subsection 3.A with the Substitute Subsection 3.A set forth below; and Section 3 of the Agreement is further amended by the addition of new subsections 3.B and 3.C as set forth below:

Substitute Subsection 3.A:

3.A. The University shall compensate and/or reimburse the City for the performance of the Services required to complete the Project, including the revised scope of work for the Construction Management phase described in Exhibit A-1, based upon the hourly rates for City personnel set forth in Exhibit B-2. The Parties shall update Exhibit B-2 in 2015 with the rates for work and Services for 2015 and the University shall compensate the City at the 2015 rates beginning on the date on or after January 1, 2015 that such 2015 rates have been adopted by the City and are in general effect, provided that the City shall deliver the new rate sheet to the University at least 14 days before such new rates become effective under this Agreement. The Parties shall use all commercially reasonable efforts to keep performance of the revised scope of work within the Overall Fee Limitation (as that term is defined in subsection 3C below). The City will not perform or authorize contractor to perform any work for which the cost exceeds the Overall Fee Limitation, regardless of its inclusion within the revised scope as part of the Amended Agreement, without the written approval of the University, except to the extent such work is covered by the City's Contribution as defined in subsection 3.D of the Amended Agreement. The University shall reimburse the City for all out-of-pocket costs incurred in the completion of the Project in accordance with the terms and conditions of this Agreement. All such payments or reimbursements shall be due within thirty (30) calendar days after the University's receipt of a monthly invoice from the City detailing the Services rendered and costs incurred by the City in the prior calendar month. Payments not received by such due date shall accrue interest at a rate of twelve (12) percent per annum. The City shall provide, at its sole expense, all materials, office space, and other necessities to perform its duties under the Agreement except to the extent otherwise specifically set forth in the Agreement.

New Subsections 3.B, 3.C and 3.D.:

DRAFT

B. An engineer's cost estimate for the cost of constructing the work encompassed in the Plans, including the Project, is attached as Exhibit B-3 ("Engineer's Estimate"). The City will include Exhibit B-3 in the consolidated City construction contract to be entered into with the successful bidder identified after bid opening.

C. The Parties agree to use all commercially reasonable efforts to keep the total Project cost including City Services within the sum of One Million Two Hundred and Fifty Thousand Dollars (\$1,250,000), hereafter referred to as the "Overall Fee Limitation". A further breakdown of cost category limits within the Overall Fee Limitation is provided in Exhibit A-1, Section 8. In no event shall the University be responsible for compensating or reimbursing the City in excess of the Overall Fee Limitation without the University's prior written approval. The University understands and acknowledges, however, that the City shall not be responsible for performing any uncompensated work or Services under this Agreement. To the extent that disputes or claims with the contractor (that is awarded the bid referenced in 3.B. above) arise in the process of completing the Project, the Parties agree to allocate responsibility for such disputes or claims as follows:

1. University shall be responsible for costs incurred in resolving contractor disputes or claims that pertain to the completion of the Project portion of the Plans, except as otherwise provided herein;

2. City shall be responsible for costs incurred in resolving contractor disputes or claims that pertain to work elements of the Plans that are City Responsibilities under this Agreement;

3. City shall be responsible for costs incurred in resolving contractor disputes or claims that arise from errors and omissions in City's design of the Project;

4. City shall be responsible for costs incurred in resolving contractor disputes or claims that arise from any negligent act or omission or willful misconduct by the City, including but not limited to breach of contract, in City's performance of Services under this Agreement.

5. Responsibility for contractor disputes or claims that pertain to failure of assumptions or unknown conditions shall follow the assignment of responsibility between the Parties set forth in Exhibit A, section 6 "Assumptions".

D. The City has agreed to contribute One Hundred Thousand (\$100,000) dollars toward the completion of the Project (the "City Contribution"). The City Contribution is not included in nor does it count toward the University's Overall Fee Limitation. The City shall have discretion to determine when the City's Contribution shall be used and as to what parts of the Project the City Contribution will be applied, provided, however, that the City shall apply the full amount of the City Contribution to cover Project costs prior to the use of University Contingency Funds identified at Exhibit A, section 8.a. to cover Project costs. Upon completion of the Project and payment of all Project costs, including any contractor claims for which the University is responsible under this

DRAFT

Agreement, any remaining University Contingency Funds shall be split equally between the University and the City.

3. Section 16 of the Agreement entitled "**Miscellaneous Provisions**" is hereby amended by the addition of the following subsection:

J. Independent Contractor. The City shall be deemed an independent contractor for all purposes, and the employees of the City, or any of its contractors, subcontractors, and their employees shall not in any manner be deemed employees of the University.

4. The Recitals and Exhibits to the Amendment are incorporated by reference as if fully set forth herein.

EXCEPT AS EXPRESSLY MODIFIED BY THIS FIRST AMENDMENT, ALL OTHER TERMS AND CONDITIONS OF THE AGREEMENT SHALL REMAIN THE SAME AND IN FULL FORCE AND EFFECT. ALL CAPITALIZED TERMS NOT DEFINED HEREIN SHALL HAVE THE MEANINGS SET FORTH IN THE AGREEMENT.

DRAFT

IN WITNESS WHEREOF the parties hereto have accepted and executed this First Amendment as of the day and year first written above.

CITY OF TACOMA

Board of Regents of the University of Washington

T.C. Broadnax
City Manager

V'ella Warren, Senior Vice President of Finance and Facilities

Approved:

Kurtis Kingsolver
Interim Director, Public Works

Risk Management

Approved as to Form:

Deputy City Attorney

DRAFT

Exhibit A-1**Scope of Services-Construction Management Phase****UW Tacoma South 17th and Jefferson Avenue Improvements:
Managed by
The City of Tacoma**

The following sections, as amended, shall replace the corresponding sections set forth in Exhibit A attached to the Agreement:

3. **Public Outreach**
 - a. During the Public Outreach phase, the City of Tacoma will provide the following services:
 1. 6 to 10 Public Meetings throughout the Project duration.
 2. Post cards and email updates will be provided to all residents and business owners keeping them updated on the project status throughout the duration of the Project.

4. **Construction Management**
 - a. The City shall be the lead agency for the Project and shall be responsible for the design, permitting, construction, and all other matters pertaining to the completion of the Project. Without limiting the generality of the foregoing responsibilities, during Project construction, COT will provide the following specific services:
 1. Obtain permits for all work necessary to construct the Project.
 2. Prepare the contract bid documents to retain contractor(s) for the Project including, but not limited to, all construction work necessary for completion of the Project. The bid documents may be structured to include a requisite base Project, together with unit price bid options that may be awarded in addition to the base Project in the discretion of the Parties in accordance with new subsection 3B.ii of the Amended Agreement. All contractors working on the Project must be properly licensed, bonded, and must maintain insurance that meets the coverage requirements specified in Section 11 of the Agreement.
 3. Administer the Advertisement and Award of the project. The City will notify the University of the time and date of the opening of the bids. The University may, but need not, attend the opening of the bids. The City shall award the contract to the lowest responsible bidder for the Project, subject to all applicable laws and regulations.
 4. Conduct pre-construction meeting and ongoing Project meetings.
 5. Monitor construction and documentation of construction activities assuring compliance with the contract documents on day to day basis.
 6. Provide interpretations of the civil construction documents and respond to Request(s) for Information, and Request(s) for Changes.
 7. Review of all submittals related to the work, to include review and assurance that the Project is on track to achieve Project scope, quality, budget and schedule; communicate promptly with University re same.
 8. Complete punch list site visit at substantial completion and closeout.
 9. Special Inspection services (external services).
 10. Weekly meetings regarding the Project will be conducted with University, City, and contractor(s).

DRAFT

- 11. Manage the processing and payment of invoices timely with the City's contractor, including, but not limited to, review of certified payroll, buy-out of sub-contract packages and release of claims.
- 12. Communicate regularly with the University to keep it informed regarding the Project's progress.

5. Schedule

- a. The phases of design and construction will be completed according to the following approximate durations:
 - 1. Design – starting Fall 2013 (6 months)
 - 2. Right of Way – starting Winter 2013 and continuing as needed
 - 3. Public Outreach – starting Winter 2013 (and will continue throughout the Project)
 - 4. Construction Management – Summer 2014 and anticipated to end by March 2015. There is a possibility that some work, particularly that which is weather dependent, may be delayed and completed by Spring 2015.

6. Assumptions

- a. Topographic survey will be provided by COT.
- b. No significant design changes will be requested following the 60% review meeting in the design phase, except as needed to address budgetary constraints of the Project.
- c. The City is responsible for and has performed all necessary geotechnical and environmental assessment work for the Project.
- d. University of Washington Tacoma will be responsible for any unknown structure or obstruction found in the construction of the Project; City will be responsible for any unknown structure or obstruction found in connection with construction of the City elements of the consolidated contract, which include without limitation excavation for and construction of the stormwater and water lines.

8. Fees

- a. Services will be provided on a time and expense basis not to exceed the amounts shown in the schedule below, and at the hourly rates shown on the attached rate schedule Exhibit B:

Task	Amount
Design	\$150,000*
City Staff Charges, including but not limited to Construction Management, Right-of-Way, and Project Outreach	\$150,000
Project Construction and Closeout (Includes \$ 68,426.00 of University Contingency Funds)	\$950,000
Total - Services	\$1,250,000

DRAFT

* As of the date of the Amended Agreement, Design costs have been paid in full or payments are in progress.

DRAFT

Exhibit B-1

Plans

[City to attach full Plans and Specifications entitled:]

PUBLIC WORKS DEPARTMENT

SPECIFICATION NO. PW14-0087F

JULY 2014

ARTERIAL STREET IMPROVEMENT

South 17th Street and Jefferson Avenue

Street Improvements

WSB Element PWK-01000

STORM AND WATER MAIN IMPROVEMENTS

Storm Sewer Improvements

WBS Element ENV-03008-10

Water Main Improvements

Improvement No. WTR-PRP2013-60

DRAFT

EXHIBIT B-2
Payment/Hourly Rates for City Services

Cost Center	Acty Type	Cost ctr short text	Act. type short text	Price (Fixed)
662308	D20060	PWE Survey	Chief Surveyor	113.13
662308	L20060	PWE Survey	Chief Surveyor	89.92
662308	T20060	PWE Survey	Chief Surveyor	84.84
662302	D20150	PWE Project Delivery	Const InspecAsst	61.09
662302	L20150	PWE Project Delivery	Const InspecAsst	48.56
662302	T20150	PWE Project Delivery	Const InspecAsst	45.82
662302	D21040	PWE Project Delivery	Const Inspectn Supv	95.75
662302	L21040	PWE Project Delivery	Const Inspectn Supv	76.11
662302	T21040	PWE Project Delivery	Const Inspectn Supv	71.82
662302	D20160	PWE Project Delivery	Const Inspector	88.31
662302	L20160	PWE Project Delivery	Const Inspector	70.19
662302	T20160	PWE Project Delivery	Const Inspector	66.23
662302	D20450	PWE Project Delivery	Const Mng, Associate	96.23
662302	L20450	PWE Project Delivery	Const Mng, Associate	76.50
662302	T20450	PWE Project Delivery	Const Mng, Associate	72.18
662302	L20430	PWE Project Delivery	Construction Manager	89.78
662303	L20700	PWE Transp & Prk Svc	Engineer	76.65
662302	L20680	PWE Project Delivery	Engr Associate	67.99
662303	L20730	PWE Transp & Prk Svc	Engr Principal	93.04
662306	L20820	PWE Project PWE Transp Eng	Engr Professional	85.31
662302	L20820	PWE Project Delivery	Engr Professional	85.31

DRAFT

		PWE Project		
662302	L20830	Delivery	Engr Sr	85.31
662306	L20600	PWE Transp Eng	Engr Sr Principal	94.00
662306	D20120	PWE Transp Eng	Engr Technician III	80.72
662306	L20120	PWE Transp Eng	Engr Technician III	64.16
662306	T20120	PWE Transp Eng	Engr Technician III	60.54
		PWE Project		
662302	D20120	Delivery	Engr Technician III	79.16
		PWE Project		
662302	L20120	Delivery	Engr Technician III	62.92
		PWE Project		
662302	T20120	Delivery	Engr Technician III	59.37
662306	D20040	PWE Transp Eng	Engr Technician IV	88.82
662306	L20040	PWE Transp Eng	Engr Technician IV	70.60
662306	T20040	PWE Transp Eng	Engr Technician IV	66.62
		PWE Transp & Prk		
662303	D20040	Svc	Engr Technician IV	88.82
		PWE Transp & Prk		
662303	L20040	Svc	Engr Technician IV	70.60
		PWE Transp & Prk		
662303	T20040	Svc	Engr Technician IV	66.62
		PWE Project		
662302	D20040	Delivery	Engr Technician IV	88.82
		PWE Project		
662302	L20040	Delivery	Engr Technician IV	70.60
		PWE Project		
662302	T20040	Delivery	Engr Technician IV	66.62
		PWE Engineering		
662300	D05040	Adm	Financial Asst	60.78
		PWE Engineering		
662300	L05040	Adm	Financial Asst	48.32
		PWE Engineering		
662300	T05040	Adm	Financial Asst	45.59
662309	D20260	PWE LID	L I D Rep	85.38
662309	L20260	PWE LID	L I D Rep	67.87
662309	T20260	PWE LID	L I D Rep	64.04
		PWE Engineering		
662300	L11200	Adm	Mgmt Analyst II	55.33
662309	L11350	PWE LID	Mgmt Analyst III	80.32
		PWE Engineering	Office	
662300	L07380	Adm	Administrator	52.90
		PWE Engineering		
662300	D00060	Adm	Office Asst	53.65

DRAFT

662300	L00060	PWE Engineering Adm	Office Asst	42.65
662300	T00060	PWE Engineering Adm	Office Asst	40.24
662308	E00020	PWE Survey	Pickup/Van	9.20
662303	E00020	PWE Transp & Prk Svc	Pickup/Van	9.20
662302	E00020	PWE Project Delivery	Pickup/Van	9.20
662300	E00020	PWE Engineering Adm	Pickup/Van	9.20
662302	L07200	PWE Project Delivery	Project Mgr	89.72
662302	L25020	PWE Project Delivery	Project Specialist	41.50
662300	L20540	PWE Engineering Adm	PW Division Mgr	108.58
662303	L20550	PWE Transp & Prk Svc	PW Division Mgr Asst	97.73
662302	L20550	PWE Project Delivery	PW Division Mgr Asst	97.73
662309	D00350	PWE LID	Real Estate Spec	65.86
662309	L00350	PWE LID	Real Estate Spec	52.35
662309	T00350	PWE LID	Real Estate Spec	49.39
662308	E00023	PWE Survey	Sedan/Wagon	8.05
662303	E00023	PWE Transp & Prk Svc	Sedan/Wagon	8.05
662302	E00023	PWE Project Delivery	Sedan/Wagon	8.05
662308	E00053	PWE Survey	Survey Equipment	3.85
662303	E00053	PWE Transp & Prk Svc	Survey Equipment	3.85
662302	E00053	PWE Project Delivery	Survey Equipment	3.85
662308	E00057	PWE Survey	Surveyor	13.05
662303	E00057	PWE Transp & Prk Svc	Equipment Surveyor	13.05
662302	E00057	PWE Project Delivery	Equipment Surveyor	13.05
662300	E00024	PWE Engineering Adm	SUV	9.20

DRAFT

Exhibit B-3

Engineer's Estimate

[Follows on Separate Sheets]

DRAFT

Group 1c		Minor SD system:		Quantity	Unit Cost	Total Cost
SD-1	2-09	Structure Encasement Class B, per cubic yard	CY	932	\$1.00	\$932.00
SD-2	2-16	Remove Catch Basin, per each	EA	2	\$300.00	\$600.00
SD-3	2-16	Remove Manhole, per each	EA	4	\$500.00	\$2,000.00
SD-4	7-05	Adjust Existing Catch Basin, Furnish New Frame and Solid Cover, per each	EA	3	\$230.00	\$690.00
SD-5	7-05	Adjust Existing Manhole, Furnish New Frame and Cover, per each	EA	2	\$550.00	\$1,100.00
SD-6	7-05	Manhole 60-in. Diam. Type 1, per each	EA	4	\$3,000.00	\$12,000.00
SD-7	7-05	Manhole 60-in. Diam. Type 1, per each	EA	4	\$4,800.00	\$19,200.00
SD-8	7-05	Manhole Additional Height 60 in. Diam. Type 1, per linear foot	LF	3	\$10.00	\$30.00
SD-9	7-05	Catch Basin Type 1, per each	EA	10	\$1,050.00	\$10,500.00
SD-10	7-05	Area Drain, per each	EA	7	\$900.00	\$6,300.00
SD-11	7-05	Connect New Sewer Pipe 12-in. Diam. to Existing Structure, per each	EA	1	\$540.00	\$540.00
SD-12	7-05	Connect New Sewer Pipe 24-in. Diam. to Existing Structure, per each	EA	1	\$2,100.00	\$2,100.00
SD-13	7-05	Reconnect Existing Sewer Pipe 12-in. Diam. to New Structure, per each	EA	2	\$850.00	\$1,700.00
SD-14	7-05	Reconnect Existing Sewer Pipe 24-in. Diam. to New Structure, per each	EA	3	\$1,450.00	\$4,350.00
SD-15	7-06	Shoring or Extra Encasement Class B, per square foot	SF	6,900	\$0.10	\$690.00
SD-16	7-17	Removal and Replacement of Unsuitable Material, per cubic yard	CY/E	608	\$18.00	\$11,000.00
SD-17	7-17	Corrugated Polyethylene Storm Sewer Pipe 6-in. Diam., per linear foot	LF	240	\$25.00	\$6,000.00
SD-18	7-17	PVC Storm Sewer Pipe 6-in. Diam., per linear foot	LF	75	\$28.00	\$2,100.00
SD-18	7-17	PVC Storm Sewer Pipe 12-in. Diam., per linear foot	LF	668	\$32.00	\$21,536.00
SD-20	7-17	PVC Storm Sewer Pipe 24-in. Diam., per linear foot	LF	166	\$70.00	\$11,620.00
SD-21	7-17	Testing Sewer Pipe, per linear foot	LF/E	888	\$3.00	\$2,664.00
SD-22	8-15	Sewer Cleanout, per each	EA/R	4	\$200.00	\$800.00
SD-23	8-15	River Rock, per ton	RTN	70	\$50.00	\$3,500.00
SD-24	7-08	Temporary Storm Sewer Bypass Plan, per lump sum	LS	2	\$750.00	\$1,500.00
SD-25	7-08	Temporary Storm Sewer Bypass, per lump sum	LS	2	\$2,000.00	\$4,000.00
Minor SD system; GROUP 1c SUBTOTAL:						\$128,030.00

Group 1d		COMMON LUMP SUM ITEMS		Quantity	Unit Cost	Total Cost
LS-1	2-08.3	Type B Progress Schedule, lump sum	LS	1	\$750.00	\$750.00
LS-2	1-07.15(1)	SPOC Plan, lump sum	LS	1	\$750.00	\$750.00
LS-3	1-09.7	Mobilization, per lump sum	LS	1	\$135,000.00	\$135,000.00
LS-4	1-10	Pedestrian Traffic Control, lump sum	LS	1	\$40,000.00	\$40,000.00
LS-5	1-10	Private Temporary Traffic Control, lump sum	LS	1	\$75,000.00	\$75,000.00
LS-6	8-01	Storm Water Pollution Prevention Plan (SWPPP), per lump sum	LS	1	\$750.00	\$750.00
LS-7	8-01	Erosion/Water Pollution Control, per lump sum; \$3,000 MIN.	LS	1	\$17,000.00	\$17,000.00
Group 1d SUBTOTAL:						\$288,250.00

Group 1-A2		ALTERNATE 2: S 17th Street HMA Section:		Quantity	Unit Cost	Total Cost
A2-1	4-04	Crushed Surfacing Base Course, per ton	TN	1,284	\$23.00	\$29,532.00
A2-2	5-04	HMA Cl. 1/2" PG 64-22, per ton	TN	696	\$105.00	\$73,080.00
A2-3	5-05	Cement Conc. Pavement, 8-inch Section, per square yard	SF	1,662	\$60.00	\$99,720.00
GROUP 1-A2 SUBTOTAL						\$166,332.00

Group 1-A1		ALTERNATE 1: S 17th Street CONCRETE Section:		Quantity	Unit Cost	Total Cost
A1-1	4-04	Crushed Surfacing Base Course, per ton	TN	1,034	\$23.00	\$23,782.00
A1-2	5-04	HMA Cl. 1/2" PG 64-22, per ton	TN	666	\$118.00	\$78,588.00
A1-3	5-05	Cement Conc. Pavement, 8-inch Section, per square yard	SF	1,871	\$126.00	\$235,878.00
GROUP 1-A1 SUBTOTAL						\$321,597.00

Group 1	ROAD AND STORM TOTAL BASE BID	\$1,333,688.90
Group 2	WATER BASE BID TOTAL	\$138,391.00
	TOTAL BASE BID	\$1,472,077.90
	ALT 1 + TOTAL BASE BID, NO TAX	\$1,793,674.90
	ALT 2 + TOTAL BASE BID, NO TAX	\$1,638,410
	Bid Tab Total - Northwest Cascade - Alt 2/HMA	\$1,637,037

UWT	COST	ENV	COST	WATER	COST
812	812	120	\$120	-	-
2	800	-	\$0	-	-
4	2,000	-	\$0	-	-
-	-	3	\$990	-	-
-	-	2	\$1,100	-	-
2	6,000	2	\$6,000	-	-
4	19,200	-	\$0	-	-
3	30	-	\$0	-	-
8	6,300	4	\$4,300	-	-
7	6,300	-	\$0	-	-
-	-	1	\$540	-	-
-	-	1	\$2,100	-	-
-	-	2	\$1,700	-	-
1	1,450	2	\$2,900	-	-
5,900	590	1,000	\$100	-	-
530	10,070	70	\$1,330	-	-
240	6,000	-	\$0	-	-
75	2,100	-	\$0	-	-
488	15,816	170	\$5,440	-	-
162	10,840	14	\$950	-	-
715	2,145	184	\$552	-	-
4	800	-	\$0	-	-
70	3,500	-	\$0	-	-
1	375	1	\$750	-	-
1	1,000	1	\$2,000	-	-

subtotals	95,828	-	\$30,592	-	\$0
\$126,030					
UWT	COST	ENV	COST	WATER	COST
65.58%	492	28.82%	\$216	5.60%	\$42
65.58%	492	28.82%	\$216	5.60%	\$42
65.58%	68,537	28.82%	\$38,903	5.60%	\$7,860
65.58%	28,233	28.82%	\$11,827	5.60%	\$2,240
65.58%	49,187	28.82%	\$21,813	5.60%	\$4,200
65.58%	492	28.82%	\$216	5.60%	\$42
65.58%	11,149	28.82%	\$4,099	5.60%	\$952
-	\$0	-	\$0	-	\$0
subtotals	\$176,582	-	\$77,590	-	\$16,078
\$269,250					
100.00%					

UWT	COST	ENV	COST	WATER	COST
960	\$22,080	140	\$3,220	184	\$4,232
482	\$48,510	98	\$10,290	136	\$14,280
793	\$47,580	269	\$16,140	-	\$0
-	\$0	-	\$0	-	\$0
\$166,332	\$118,170		\$29,660		\$18,612
760	\$17,480	80	\$2,070	184	\$4,232
367	\$41,065	63	\$7,245	136	\$15,840
1,480	\$182,600	411	\$61,376	-	\$0
-	\$0	-	\$0	-	\$0

\$321,597	\$241,035	\$60,690	\$19,872
\$1,333,684	\$903,404	\$482,812	\$27,667
			\$138,391
	\$903,404	\$482,812	\$168,058

UWT	ENV	WATER
\$1,638,407	\$1,021,574	\$432,262
		\$184,570

DRAFT

Group 1a ROADWAY QUANTITIES - S 17th St & Jefferson

Item	Spec	Description	Unit	Quantity	Unit Cost	Total Cost
R-1	1-07.11	Training, per hour	HR	1,150	\$1.00	\$1,150.00
R-2	1-32	Protect Sign, per each	EA	1	\$1,400.00	\$1,400.00
R-3	2-02	Test Hole, per linear foot	LF	50	\$150.00	\$7,500.00
R-4	2-01	Remove Abandoned Trolley Track, per linear foot	LF	750	\$31.00	\$23,250.00
R-5	2-03	Roadway Excavation Incl. Haul, per cubic yard	CY	250	\$35.00	\$8,750.00
R-6	2-03	Unsuitable Foundation Excavation Incl. Haul, per cubic yard	CY	120	\$58.00	\$6,960.00
R-7	2-03	Gravel Borrow Incl. Haul, per ton	TON	1,730	\$19.00	\$32,870.00
R-8	2-07	Water, per M gal	M Gal	10	\$150.00	\$1,500.00
R-9	2-09	Structure Excavation Class A Incl. Haul, per cubic yard	CY	50	\$35.00	\$1,750.00
R-10	2-14	Remove Existing Pavement, Type I, Class II, per square yard	SY	500	\$20.00	\$10,000.00
R-11	2-14	Remove Existing Pavement, Type I, Class C12, per square yard	SY	766	\$12.00	\$9,192.00
R-12	2-14	Remove Existing Pavement, Type I, Class C6, per square yard	SY	1,077	\$10.00	\$10,770.00
R-13	2-14	Remove Existing Pavement, Type I, Class C4, per square yard	SY	3,204	\$13.00	\$41,652.00
R-14	2-15	Remove Curb and Gutter, per linear foot	LF	1,200	\$10.80	\$12,960.00
R-15	4-04	Crushed Surface Top Course, per ton	TON	623	\$23.00	\$14,329.00
R-16	5-04	HMA for Repair Cl. II PG 64-22, per ton	TON	80	\$200.00	\$16,000.00
R-17	5-04	HMA Cl. II PG 64-22 for Pavement Patch, per ton	TON	40	\$200.00	\$8,000.00
R-18	5-04	Cold Plant Mix for Temporary Pavement Patch and Temporary ADA Access, per ton	TON	20	\$208.22	\$4,164.40
R-19	7-05	Adjust Existing Manhole, Furnish new Frame and Cover, per each	EA	7	\$569.00	\$3,983.00
R-20	7-05	Adjust Existing Manhole Chamber to Grade, per each	EA	20	\$270.00	\$5,400.00
R-21	8-01	ESC Lead, per day	DAY	10	\$125.00	\$1,250.00
R-22	8-01	Arrest Protection, per each	EA	20	\$40.00	\$800.00
R-23	8-02	Typical Type A, per cubic yard	CY	170	\$48.00	\$8,160.00
R-24	8-03	Spaced Iron Reinforcement, per square yard	SY	1,390	\$1.50	\$2,085.00
R-25	8-04	Cement Conc. Traffic Curb and Gutter, per linear foot	LF	1,260	\$25.00	\$31,500.00
R-26	8-05	Cement Conc. Diversion Embank, per square yard	SY	114	\$70.00	\$7,980.00
R-27	8-09	Raised Pavement Marker Type 1, per hundred	HUND	3	\$330.00	\$990.00
R-28	8-09	Raised Pavement Marker Type 2, per hundred	HUND	1	\$475.00	\$475.00
R-29	8-13	Poured Monument, per each	EA	5	\$205.00	\$1,025.00
R-30	8-14	Cement Conc. Sidewalk, per square yard	SY	1,378	\$60.00	\$82,680.00
R-31	8-14	Cement Conc. Curb Ramp, per each	EA	16	\$2,750.00	\$44,000.00
R-32	8-15	Quarry Spalls, per ton	TON	10	\$100.00	\$1,000.00
R-33	8-22	Plastic Liner, per linear foot	LF	3,550	\$4.00	\$14,200.00
R-34	8-22	Plastic Wide Lens Liner, per linear foot	LF	420	\$4.50	\$1,890.00
R-35	8-22	Plastic Crosswalk Liner, per linear foot	LF	780	\$7.15	\$5,577.00
R-36	8-22	Plastic Step Liner, per linear foot	LF	110	\$9.25	\$1,017.50
R-37	8-22	Plastic Traffic Arcs, per each	EA	15	\$110.00	\$1,650.00
R-38	8-22	Plastic Traffic Letters, per each	EA	36	\$75.00	\$2,700.00
R-39	8-22	Plastic Access Parking Space Symbol, per each	EA	3	\$220.00	\$660.00
R-40	8-22	Removing Paint Line, per linear foot	LF	1,200	\$2.20	\$2,640.00
R-41	8-24	Rock for Rock Wall, per Ton	TON	5	\$94.00	\$470.00
R-42	8-24	Backfill for Rock Wall, per Ton	TON	20	\$36.00	\$720.00
R-43	8-33	Hand Rolling, per linear foot	LF	100	\$112.00	\$11,200.00
Lump Sum Items:						
R-44	1-05.7	Project and Site Drawings, per Lump Sum	LS	1	\$100.00	\$100.00
R-45	2-01	Cleaning & Grubbing, per lump sum	LS	1	\$8,500.00	\$8,500.00
R-46	2-02	Removal of Structure and Obstructions, per lump sum	LS	1	\$15,000.00	\$15,000.00
R-47	2-02	Relocate Electrical Outlets to Suitable Locations, Lump Sum	LS	1	\$5,000.00	\$5,000.00
R-48	2-09	Shoring or Cais Excavation Cl. A Incl. Haul, Lump Sum	LS	1	\$100.00	\$100.00
R-49	6-11	Reinforced Concrete Wall, Lump Sum	LS	1	\$39,000.00	\$39,000.00
R-50	8-30	Illumination System, Lump Sum	LS	1	\$135,000.00	\$135,000.00
R-51	8-31	Ferritic Steeling, Lump Sum	LS	1	\$13,000.00	\$13,000.00
Force Account Items:						
R-52	2-02	Removal and Capping, Relocation of Sprinkler Heads, per force account	FA	1	\$2,000.00	\$2,000.00
R-53	2-03	Roadway Excavation of Contaminated Material, Incl. Haul, per force account	FA	1	\$10,000.00	\$10,000.00
Group 1a SUBTOTAL:						\$665,904.90

Group 1b 60" Diam Storm Sewer Transmission Main:

Item	Spec	Description	Unit	Quantity	Unit Cost	Total Cost
STM 1	2-00	Structure Excavation Class B, per cubic yard	CY	2,660	\$1.00	\$2,660.00
STM 2	2-09	Controlled Density Fill, per cubic yard	CY	30	\$170.00	\$5,100.00
STM 3	7-05	Manhole 108-in. Diam. Type 2, per each	EA	3	\$15,000.00	\$45,000.00
STM 4	7-05	Manhole Additional Height 108 in. Diam. Type 2, per linear foot	LF	24	\$390.00	\$9,360.00
STM 5	7-06	Shoring or Cais Excavation Class B, per square foot	SF	8,000	\$8.10	\$64,800.00
STM 6	7-17	Removal and Replacement of Unsuitable Material, per cubic yard	CY	1,800	\$18.00	\$32,400.00
STM 7	7-17	CL III Repl. Cast. Sewer Pipe 60-in. Diam. per linear foot	LF	110	\$325.00	\$35,750.00
STM 8	7-17	CL V Repl. Cast. Sewer Pipe 60-in. Diam. per linear foot	LF	323	\$400.00	\$129,200.00
STM 9	8-15	Quarry Spalls, per ton	TON	80	\$22.00	\$1,760.00
STM 10	8-01	Downing Plan, per lump sum	LS	1	\$750.00	\$750.00
Force Account Items:						
STM 11	7-17	Removal and Replacement of Unsuitable Contaminated Material, Incl. Haul, per force account	FA	1	\$2,000.00	\$2,000.00
STM 12	7-17	Pipe Zone Contaminated Material Haul and Disposal, per force account	FA	1	\$1,000.00	\$1,000.00

UWT	COST	ENV	COST	WATER	COST
Quantity	Quantity	Quantity	Quantity	Quantity	Quantity
1,150	\$1,150	-	\$0	-	\$0
1	\$1,400	-	\$0	-	\$0
50	\$7,500	-	\$0	-	\$0
200	\$6,200	350	\$10,850	200	\$5,200
250	\$8,750	-	\$0	-	\$0
120	\$7,200	-	\$0	-	\$0
1,730	\$32,870	-	\$0	-	\$0
10	\$1,500	-	\$0	-	\$0
50	\$1,650	-	\$0	-	\$0
500	\$10,000	-	\$0	-	\$0
348	\$4,147	420	\$5,040	-	\$0
1,077	\$10,770	-	\$0	-	\$0
2,494	\$32,422	330	\$4,230	380	\$4,940
1,200	\$12,720	-	\$0	-	\$0
480	\$11,040	80	\$1,840	63	\$1,449
80	\$16,000	-	\$0	-	\$0
40	\$800	-	\$0	-	\$0
20	\$4,076	-	\$0	-	\$0
7	\$3,650	-	\$0	-	\$0
20	\$5,400	-	\$0	-	\$0
10	\$1,250	-	\$0	-	\$0
20	\$800	-	\$0	-	\$0
170	\$7,850	-	\$0	-	\$0
1,390	\$2,085	-	\$0	-	\$0
1,260	\$31,500	-	\$0	-	\$0
114	\$7,980	-	\$0	-	\$0
3	\$990	-	\$0	-	\$0
1	\$475	-	\$0	-	\$0
5	\$1,025	-	\$0	-	\$0
1,378	\$82,680	-	\$0	-	\$0
16	\$44,000	-	\$0	-	\$0
10	\$1,000	-	\$0	-	\$0
3,550	\$14,200	-	\$0	-	\$0
420	\$1,890	-	\$0	-	\$0
780	\$5,577	-	\$0	-	\$0
110	\$1,017.50	-	\$0	-	\$0
15	\$1,650	-	\$0	-	\$0
36	\$2,700	-	\$0	-	\$0
3	\$660	-	\$0	-	\$0
1,200	\$2,640	-	\$0	-	\$0
5	\$470	-	\$0	-	\$0
20	\$720	-	\$0	-	\$0
100	\$11,200	-	\$0	-	\$0
-	\$0	-	\$0	-	\$0
100.00%	\$100	-	\$0	-	\$0
100.00%	\$8,500	-	\$0	-	\$0
100.00%	\$15,000	-	\$0	-	\$0
100.00%	\$5,000	-	\$0	-	\$0
100.00%	\$100	-	\$0	-	\$0
100.00%	\$39,000	-	\$0	-	\$0
100.00%	\$135,000	-	\$0	-	\$0
100.00%	\$13,000	-	\$0	-	\$0
-	\$0	-	\$0	-	\$0
-	\$0	-	\$0	-	\$0
subtotals	\$631,295	-	\$22,020	-	\$12,859
STM 1	2-00	Structure Excavation Class B, per cubic yard	2,660	\$2,660.00	-
STM 2	2-09	Controlled Density Fill, per cubic yard	30	\$5,100.00	-
STM 3	7-05	Manhole 108-in. Diam. Type 2, per each	3	\$45,000.00	-
STM 4	7-05	Manhole Additional Height 108 in. Diam. Type 2, per linear foot	24	\$9,360.00	-
STM 5	7-06	Shoring or Cais Excavation Class B, per square foot	8,000	\$64,800.00	-
STM 6	7-17	Removal and Replacement of Unsuitable Material, per cubic yard	1,800	\$32,400.00	-
STM 7	7-17	CL III Repl. Cast. Sewer Pipe 60-in. Diam. per linear foot	110	\$35,750.00	-
STM 8	7-17	CL V Repl. Cast. Sewer Pipe 60-in. Diam. per linear foot	323	\$129,200.00	-
STM 9	8-15	Quarry Spalls, per ton	80	\$1,760.00	-
STM 10	8-01	Downing Plan, per lump sum	1	\$750.00	-
STM 11	7-17	Removal and Replacement of Unsuitable Contaminated Material, Incl. Haul, per force account	1	\$2,000.00	-
STM 12	7-17	Pipe Zone Contaminated Material Haul and Disposal, per force account	1	\$1,000.00	-