

**SECOND AMENDMENT
TO
SERVICE PROVIDER AGREEMENT
FOR
OLD HWY 99 AND 79TH AVENUE ROUNDABOUT**

This Second Amendment ("Amendment") is dated effective this _____ day of _____, 2025, and is entered into by and between the CITY OF TUMWATER, a Washington municipal corporation ("CITY"), and HDR ENGINEERING INC., a Nebraska corporation ("SERVICE PROVIDER").

A. The CITY and the SERVICE PROVIDER entered into a Service Provider Agreement dated effective April 26, 2023, and a First Amendment dated effective December 3, 2024 whereby the SERVICE PROVIDER agreed to provide Civil Engineering services ("Agreement").

B. Section 14 of the Agreement provided that the Agreement may only be amended by written agreement signed by the parties.

C. The CITY and the SERVICE PROVIDER desire to amend the Agreement to provide additional services described in Attachment A-1 and increase the compensation paid to the SERVICE PROVIDER for providing additional services.

NOW, THEREFORE, the parties agree to the following terms and conditions:

1. SCOPE OF SERVICES.

Section 1 of the Agreement is amended to provide for additional services as more particularly described and detailed in Exhibit "A-1," attached hereto and incorporated herein.

2. COMPENSATION.

In consideration of the SERVICE PROVIDER continuing to provide the services described in Section 1 of the Agreement and providing the additional services described in Exhibit "A-1" during the extended term of the Agreement, Section 4.C. shall be amended to increase the compensation paid to the SERVICE PROVIDER by an additional amount not to exceed One-Hundred-Twenty-Two-Thousand Two-Hundred-Sixty-Six and 05/100 Dollars \$122,266.05). The total amount payable to the SERVICE PROVIDER pursuant to the original Agreement, the First Amendment, and this Second Amendment shall be an amount not to exceed Eight-Hundred-Fifty-Seven-Thousand Two-Hundred-Sixty-Six and 05/100 Dollars (\$857,266.05).

3. FULL FORCE AND EFFECT.

All other terms and conditions of the Agreement not modified by this Amendment shall remain in full force and effect.

DATED the effective date set forth above.

CITY:

CITY OF TUMWATER
555 Israel Road SW
Tumwater, WA 98501

SERVICE PROVIDER:

HDR ENGINEERING, INC.
Address: 905 Plum Street SE, Ste. 200
Olympia, WA 98501
UBI No. 601-021-437
Phone No. 360-570-4400

Debbie Sullivan
Mayor

Signature (Notarized – see below)
Printed Name:
Title:

ATTEST:

Melody Valiant, City Clerk

APPROVED AS TO FORM:

Karen Kirkpatrick, City Attorney

STATE OF WASHINGTON

COUNTY OF THURSTON

I certify that I know or have satisfactory evidence that _____(name)
is the person who appeared before me, and said person acknowledged that (he/she) signed this
instrument, on oath stated that (he/she) was authorized to execute the instrument and
acknowledged it as the _____(title) of _____(company) to be the
free and voluntary act of such party for the uses and purposes mentioned in the instrument.

Dated:_____

Notary Public in and for the State of Washington,
My appointment expires:_____.

DRAFT Scope of Services Amendment 2

Old Hwy 99 and 79th Avenue Roundabout and Frontage Improvements

This amendment addresses additional scope of services that were not included in the original contract or the Management Reserve Fund (MRF) requests previously approved for the project.

The original contract anticipated the work being completed between March 2023 and January 2024. Schedule and design challenges have extended the project duration to a revised anticipated completion date of December 2025.

Management Reserve Fund (MRF) requests have been approved for the following efforts:

MRF #1 – Added frontage force main design for future connection to Arab Drive.

MRF #2 – This request included project management efforts estimated to extend the project assuming a project completion date of December 2024.

MRF #3 – This request included pedestrian railing and coping design to be incorporated into the contractor designed retaining wall.

MRF #4 – This request included additional geotechnical work including borings and analysis to avoid the need for an extensive mounding analysis for an infiltration gallery adjacent to the Kaufman property.

Amendment 1 revised the contract duration only and did not include revisions to the project budget. The contract expiration date was revised to December 31, 2026.

This scope of work covers the effort in **Amendment 2** including the following:

- Project management efforts through the end of the extended contract period
- Updated Title Reports required for property acquisitions
- Bi-weekly utility coordination meetings and design coordination efforts
- Final design efforts to address design changes made after the 75% submittal
- Efforts for developing retaining wall plans and profile for the 75% submittal
- Revisions to the Draft Final Plans, Specifications, and Estimate (PS&E) submittal to incorporate design changes occurring after the 75% submittal
- Revisions to the Final PS&E submittal to incorporate design changes occurring after the Draft Final submittal.

Detailed Scope of Services

TASK 1: PROJECT MANAGEMENT

CONSULTANT will provide general project management activities for both FRONTAGE and RAB projects between January 2025 thru December 2025 (12 months).

Task 1.1 – Project Management/Administration

CONSULTANT shall perform the following project management activities.

- Manage project activities.
- Manage project budget and schedule.
- Manage sub-consultant agreements.
- Perform management and business reviews.

Task 1.2 – Project Reporting/Invoicing

CONSULTANT shall prepare monthly invoices, earned value and progress reports to document work performed elements of work for this task including:

- Prepare monthly earned value chart tracking project progress.
- Prepare/submit monthly progress report and invoice to CITY project manager.

Task 1.3 – Project Team Meetings

The CONSULTANT project manager, in addition to attending specific meetings as described in other tasks, shall attend the following meetings:

- Bi-weekly CITY project management meetings to discuss progress, action items, schedule, budget, and upcoming issues. CONSULTANT shall prepare agenda and meeting notes including summary of action items, strategies, and decisions made.
- The CONSULTANT shall maintain regular contact with the CITY Project Manager and maintain regular coordination with CITY staff for this project in accordance with the provisions stated in this scope of work. The CONSULTANT Project Manager shall be responsible for maintaining regular contact with the CITY and designated project management team staff through informal office visits, telephone conversations, emails and open access to project information by the CITY.

Task 1 - Assumptions:

- Regularly scheduled CITY coordination bi-weekly meetings and project reporting and invoicing will continue through December 2025.

Task 1 - Deliverables:

- Monthly Progress Reports/Invoices (Assumes 12 Reports/Invoices, via pdf).
- Earned Value Chart (Assumes 12 total, via pdf)

TASK 3: TOPOGRAPHIC SURVEY and RIGHT-OF-WAY MAPPING

This task includes purchasing updated Title Reports.

Task 3.2 – Topographic Survey Base Map

Work in this amendment includes the following tasks:

- Additional topo mapping along Old Hwy 99 associated with the project limits extension
- Topographic map updates required due to delayed access to Pick-a-Part parcel

Task 3.3 – Right-of-Way Plans and Legal Descriptions

As a subconsultant to CONSULTANT, M2C will order updated Title Reports for parcels where Right-of-Way acquisitions, or temporary construction easements are required. The effort in this task includes staking of R/W and TCE limits.

Task 3 - Assumptions:

- M2C will obtain updated Title Reports needed for Right-of-Way acquisitions.

Task 3 - Deliverables:

- Up to three (3) Title Reports

PRELIMINARY ENGINEERING (RAB)

TASK 8: PRELIMINARY DESIGN (RAB)

Task 8.2 – Roadway/Roundabout Design

Alternative Analysis Support - CONSULTANT shall support the CITY with a planning-level assessment of various locations for the roundabout. CONSULTANT will develop a list of advantages and disadvantages for each of the locations.

Task 8 - Assumptions:

- CONSULTANT will only use this task when directed by the CITY.
- CONSULTANT effort on this task will not exceed \$10K.

Task 8 - Deliverables:

- Deliverables may include exhibits or write-ups for the CITY to use in their alternative analysis study.

TASK 9: UTILITY COORDINATION (RAB)

Work in this amendment includes additional efforts required to coordinate the design with PSE including development of a concept layout for PSE's trench and coordination meetings.

Task 9.2 – Conflict Resolution

Joint Utility Trench (JUT) Design – CONSULTANT will work with private utility company representatives and the CITY to identify an acceptable alignment for the JUT that meets the utility company's design requirements and does not impact the CITY's design.

Utility Coordination Meetings – Conduct bi-weekly utility coordination meetings from February 2024 through October 2025 (21 months) to discuss utility design and coordinate with private utility designers. CONSULTANT shall provide email correspondence to document the meeting agenda and meeting minutes including summary of action items, strategies, and decisions made.

Task 9 - Assumptions:

- CONSULTANT / CITY utility coordination meetings shall be conducted via video conference call attended by two CONSULTANT team members and be one hour or less in duration.
- Regularly scheduled Utility coordination bi-weekly meetings will continue through October 2025.

Task 9 - Deliverables:

- Concept layout of JUT for utility company review/approval in PDF format
- Meeting agenda and minutes (email format)

TASK 11: FINAL DESIGN (RAB)

This task includes work associated with extending the project limits on Old Hwy 99 and updating the stormwater design to incorporate changes resulting from geotechnical investigations.

Task 11.1 – Roadway/Roundabout Design

CONSULTANT shall revise the design and finished surface to include a retaining wall along the south side of 79th Avenue to reduce right-of-way impacts to the Pick-N-Pull parcel.

Horizontal alignments –CONSULTANT shall revise the 75% project alignments by extending the project limits north and south on Old Hwy 99 to include additional pavement restoration areas and avoid disturbing subsurface cement concrete panels.

Vertical Alignments – revise the 75% vertical profiles to tie into adjacent CITY restoration projects.

Final Grading – revise corridor modeling to incorporate alignment revisions.

Task 11.2 – Stormwater Design

Stormwater Design

BMP Conversion

- CONSULTANT will convert the stormwater water quality and flow control infiltration pond proposed at 30% to a low impact development (LID) system using a combination of filter vaults and infiltration galleries to reduce the project footprint and right-of-way impacts.
- CONSULTANT will revise the stormwater conveyance system design and split flows into (3) separate threshold discharge areas (TDA)s.

Geotechnical Coordination

- CONSULTANT will coordinate with CITY and their geotechnical engineer (Sage Geotechnical) to evaluate alternative stormwater conveyance and BMP facilities.
- CONSULTANT will attend three (3) coordination meetings with the CITY and Sage Geotechnical to evaluate stormwater design alternatives.
- CONSULTANT will develop two (2) exhibit graphics to aid with geotechnical coordination and discussions with the CITY.
- CONSULTANT will attend two (2) site visits with the CITY project manager to discuss existing utilities and identify additional geotechnical bore hole locations. Paint markings will be applied during a site visit to identify proposed locations for additional soil bore hole locations.

Infiltration Gallery Design

- CONSULTANT will consolidate three (3) BMP facilities to a single location on Old Hwy 99, adjacent to the Pick-N-Pull parcel. The CONSULTANT will work with the CITY and geotechnical engineers to evaluate up to four (4) alternative design configurations and infiltration gallery sizes and locations. Revisions to the stormwater conveyance calculations, water quality sizing, BMP selection and retention facility sizing will be completed by CONSULTANT.

Final Stormwater Report

CONSULTANT will update the stormwater report to incorporate changes made to the stormwater design between the 75% and Draft Final submittals.

Task 11.7 – Watermain Design

CONSULTANT will develop a watermain design to relocate existing watermain impacted by the project.

Task 11 - Assumptions:

- There are concerns with soil saturation behind the retaining wall at the 79th Avenue BMP location. Stormwater conveyance to this facility will be re-routed to the southern facility on Old Hwy 99.
- The geotechnical report identified a shallow restrictive permeability soil layer at the north BMP location on Old Hwy 99. To reduce the BMP size and avoid the need for a mounding analysis, stormwater runoff to this facility will be conveyed to the southern facility on Old Hwy 99.
- A restrictive soil layer was also detected at the southern BMP location to a depth of roughly 15 feet below existing ground. The final depth of the combined infiltration facility will be at or below the depth of this restrictive soil layer to increase overall permeability through the system and help reduce the footprint of the proposed infiltration BMP.
- CONSULTANT will modify the Stormwater Site Plan to include additional geotechnical data and reflect revisions to the stormwater calculations and ultimate facility sizes and locations.
- LID water quality and flow control for each TDA will be designed following the CITY requirements set forth in the July 2022 Drainage Design and Erosion Control Manual for Tumwater (DDECM).
- Two (2) LID water quality systems will be proposed along the east side of Old Hwy 99, one north of the roundabout adjacent to the Kaufman parcel, and one south of the roundabout adjacent to the Pick-N-Pull parcel.
- A third gallery will be located on the south side of 79th Avenue, adjacent to the Pick-N-Pull parcel.
- The existing survey basemap and geotechnical report include the necessary information to develop the design revisions described in Tasks 11.1 and 11.2.
- The CITY will provide vertical profiles to tie into planned CITY restoration projects.
- Water main to be designed per CITY standards.
- Water main relocations within WSDOT's limited access R/W will be performed under existing WSDOT utility easements/agreements.

Task 11 - Deliverables:

There are no deliverables for Task 11 included in this amendment.

TASK 15: FINAL DESIGN (FRONTAGE)

This task includes work associated with extending the project limits and additional utility design.

Task 15.1 – Roadway Design

Trails End Dr Cross-section - CONSULTANT will revise the cross-section of Trails End Rd per CITY direction. CONSULTANT will shift the Trails End Rd construction centerline to accommodate the widening of the roadway cross-section.

Arab Dr Sidewalk Replacement - CONSULTANT will develop a horizontal and vertical design for a new 6-foot-wide sidewalk on the west side of Arab Drive matching the same limits of the proposed sewer force main. CONSULTANT will design the proposed sidewalk profile grade based off Arab Drive centerline and alignment revisions to limit impacts to existing trees and irrigation.

Traffic Calming Alternatives - CONSULTANT will provide two (2) traffic calming chicane alternative designs to help slow vehicles speeds on 79th Avenue near the future city park.

Channelization Alternatives - CONSULTANT will develop (2) alternative roadway channelization configurations with central medians and shoulder bulb-outs. CONSULTANT will revise the 79th Avenue roadway channelization by adding central medians and extending the project limits 550-feet west to accommodate the future lane configuration. CONSULTANT will extend the construction centerline 550-feet west, add central medians on 79th Avenue west of Trails End Road, and revise the channelization to accommodate the future lane configuration for the corridor.

Final Grading - CONSULTANT will update roadway corridor modeling to incorporate the proposed widening and new sidewalk.

Task 15.2 – Stormwater Design

Stormwater Design - CONSULTANT will expand the stormwater TDA assumed in the original scope of work to incorporate the adjacent CITY O&M facility being designed by TCF Architecture and SCJ Alliance under separate contract. The single stormwater water quality and flow control facility (settling and infiltration ponds) assumed in the original scope of services will be separated and conveyed into two separate facilities. CONSULTANT will design an interim south pond to accommodate two-phase overflow parking construction and accommodate future parking lot expansion.

CONSULTANT will develop stormwater conveyance design, water quality and flow control analysis, and BMP pond grading for a second stormwater pond facility located at the southern end of the proposed park parcel.

CONSULTANT will coordinate with the park landscape architect (Bob Droll) and make necessary revisions to the pond grading to match the architect's vision for the future park.

CONSULTANT will expand the interim and ultimate south pond capacity to accommodate additional parking stalls for the O&M overflow parking lot. This effort will include additional conveyance, water quality and flow control design.

CONSULTANT will design an interim water quality BMP for the southern pond to accommodate staggered construction of the O&M facility overflow parking. To discourage Mazama Pocket Gophers from inhabiting the vegetated space between the southern pond limits and the first phase of parking lot construction, CONSULTANT will gradually grade the west slope of the water quality pond toward the parking lot for phase 1.

Task 15.3 – Water Design

Watermain Relocation - CONSULTANT will develop the water main relocation design required to avoid conflicts with the proposed project improvements. The work will include removal of redundant CITY water mains and water service for the old Trails End building and installation of a new water main.

Task 15.6 – Sanitary Sewer Design

Sanitary Sewer Design - CONSULTANT will add sanitary sewer stub-outs for the future O&M facility and city park bathroom.

CONSULTANT will design a new sanitary sewer manhole connected to the existing gravity sewer line on 79th Avenue and add a lateral with stub-out at the proposed right-of-way for the future O&M parcel.

CONSULTANT will design a new sanitary sewer manhole connected to the existing gravity sewer line on Trails End Road and add a lateral with stub-out at the proposed city park entrance.

Task 15.7 – CITY Project Coordination Meetings

CITY Project Coordination - Two (2) CONSULTANT team members will attend a monthly coordination meeting with CITY, SCJ Alliance and TCF Architecture for (8) months to coordinate stormwater, water, sewer, and roadway design between the two CITY projects.

Task 15 - Assumptions:

- CITY project coordination meetings will be no longer than one hour in duration.
- Meeting minutes will be documented in email correspondence

Task 15 - Deliverables:

There are no deliverables for Task 15 included in this amendment.

PLANS, SPECIFICATIONS AND ESTIMATE (RAB)

TASK 17: 75% PLANS, SPECIFICATIONS AND ESTIMATE (RAB)

This task includes work associated with adding retaining wall plans to the 75% PS&E submittal.

Task 17.2 – 75% Plans

The following plans will be included with the 75% submittal:

Retaining Wall Plan & Profile – (1 sheet)

The retaining wall plan and profile sheet will identify the horizontal limits of the retaining wall and a vertical profile identifying the wall height.

Task 17.4 – 75% Opinion of Probable Construction Costs (OPCC)

CONSULTANT will estimate the quantities for retaining wall bid items and evaluate the unit bid cost for the 75% OPCC.

Task 17 - Assumptions:

- Retaining wall plans will be added to the 75% deliverable. The watermain relocation plans will be included in the Final deliverable.

Task 17 - Deliverables:

The following plans are added to Task 17 with this amendment:

- Retaining Wall Plan & Profile Drawing (1 sheet)

TASK 18: DRAFT FINAL PLANS, SPECIFICATIONS AND ESTIMATE (RAB)

The work in this amendment includes updating plans to address changes to project limits and the development of the water main plan and profile. Project limits were revised to match into future CITY restoration projects.

Task 18.2 – Draft Final Plans

The following plans will be included with the Draft Final submittal:

75% Plan Revisions

CONSULTANT will update the following plans to address changes to the project limits that occurred after the 75% submittal:

- Alignment Plans
- Erosion Control Plans
- Demolition Plans
- Roadway Plan and Profiles
- Channelization and Signing Plans

Watermain Plan and Profile – (1 sheet)

CONSULTANT will design the relocation of a portion of the existing water main along 79th Avenue to create larger separation between the proposed joint utility joint trench (JUT). The effort in this task includes design, utility conflict and clash detection analysis, and development of the plan sheet.

Task 18.4 – Draft Final Opinion of Probable Construction Costs (OPCC)

The effort in this amendment includes updating the cost estimate quantities associated with the extended project limits that were made after the 75% submittal.

Task 18 - Assumptions:

- Retaining wall plans will be added to the 75% deliverable. The watermain relocation plans will be included in the Final deliverable.

Task 18 - Deliverables:

The following plans are added to Task 18 with this amendment:

- Watermain Plan & Profile Drawing (1 sheet)

TASK 19: ADVERTISEMENT AND BIDDING SUPPORT (RAB)

Task 19.1 – Final PS&E Revisions

This task includes efforts to address CITY comments associated with design changes occurring after the Draft Final PS&E submittal. This includes effort to incorporate CITY comments on the Draft Final plans, OPCC, and specifications.

Task 19 - Assumptions:

No assumptions are added to Task 19 with this amendment.

Task 19 - Deliverables:

There are no deliverables for Task 19 included in this amendment.

TASK 23: Draft Final Plans, Specifications and Estimate (FRONTAGE)

The effort in this supplement includes development of plans and updating the OPCC to account for revisions to the storm drainage design that occurred after the 75% submittal.

Task 23.2 – Draft Final Plans

The effort in this amendment includes revisions to construction plans for the cross-section revision on Trails End Dr, the added stormwater pond and updating the plans to address changes to the design that occurred after the 75% submittal.

Construction plans impacted by the revisions made after the 75% submittal include roadway cross sections, demolition plans, roadway plans and profiles, and stormwater storm conveyance and detail plan sheets.

Task 23.4 – Draft Final Opinion of Probably Construction Costs (OPCC)

The effort in this amendment includes updating quantity takeoffs to address the changes made to the project elements and limits after the 75% submittal.

Task 23 - Assumptions:

No assumptions are added to Task 23 with this amendment.

Task 23 - Deliverables:

There are no deliverables for Task 23 included in this amendment.

TASK 24: ADVERTISEMENT AND BIDDING SUPPORT (FRONTAGE)

Task 24.1 – Final PS&E Revisions

This task includes efforts to address CITY comments associated with design changes occurring after the Draft Final PS&E submittal. This includes effort to incorporate CITY comments on the Draft Final plans, OPCC, and specifications.

Task 24 - Assumptions:

No assumptions are added to Task 24 with this amendment.

Task 24 - Deliverables:

There are no deliverables for Task 24 included in this amendment.

TASK 27: Retaining Wall and Pedestrian Railing Design (RAB)

This task includes efforts to extend the limits of the proposed retaining wall and railing to reduce right-of-way impacts. This effort includes revising contract drawings showing type, size, and location of a gravity block wall and associated sidewalk and pedestrian railing features and revising quantity takeoffs.

Task 27.2 – FINAL Wall and Pedestrian Railing Design

FINAL Wall & Pedestrian Railing Plan Specs & Estimate

CONSULTANT will evaluate the retaining wall limits to reduce the impacts to right-of-way. The effort in this task includes the design, revision to construction plans, and updating quantity takeoffs to account for the extended retaining wall limits.

Task 27 - Assumptions:

- Revised retaining wall limits will be coordinated with the CITY

Task 27 - Deliverables:

There are no deliverables for Task 27 included in this amendment.



Task #	Task Description	Total Labor	Total Escalation	Total Expenses	Total Subconsultants	Total Fee
1	Project Management	\$20,185	\$0	\$0	\$0	\$20,185
3	Topographic Survey and ROW Mapping	\$0	\$0	\$0	\$2,890	\$2,890
8	Preliminary Desing (RAB)	\$9,992	\$0	\$8	\$0	\$10,000
9	Utility Coordination (RAB)	\$8,768	\$0	\$0	\$0	\$8,768
11	Final Design (RAB)	\$23,145	\$0	\$0	\$0	\$23,145
15	Final Design (FRONTAGE)	\$30,344	\$0	\$0	\$0	\$30,344
17	75% Plans, Specifications, and Estimate (RAB)	\$2,139	\$0	\$0	\$0	\$2,139
18	Final Plans, Specifications and Estimate (RAB)	\$8,629	\$0	\$0	\$0	\$8,629
19	Advertisement and Bidding Support (RAB)	\$1,392	\$0	\$0	\$0	\$1,392
23	Draft Final Plans, Specifications and Estimate (FRONTAGE)	\$9,028	\$0	\$0	\$0	\$9,028
24	Advertisement and Bidding Support (FRONTAGE)	\$1,548	\$0	\$0	\$0	\$1,548
27	Retaining Wall and Pedestrian Railing Design (RAB)	\$7,095	\$0	\$0	\$0	\$7,095
		\$122,265	\$0	\$8	\$2,890	\$125,163

City of Tumwater: Old Hwy 99 & 79th Ave

<div><div>HDR</div><div>Contract Title / Project Role</div><div>Billing Rate</div><div>HDR Job Title</div></div>			French, Cameron C	Shea, Bradley J	Sousa, Logan Jon	Kuhns, David W Jr.	Bush, Jaelen Alexander	Vo, John-Viet T	Border, Eric Webster	Skinner, Mason J	Johnson, Ty M	Li, Patrick T	Golbuff, Graham	Ahrens, Leah Marie	McGlamery, John R	Total Labor Hours	Total Labor Dollars	
			Project Manager	Project Manager	Roadway EIT	Utility Engineer	Utility EIT	Structural Engineer	Structural EIT	Roadway Engineer	Utlily Engineer	Structural Engineer	Landscape Architect	Project Accountant	Value Engineering Risk Specialist			
			187.75	264.71	124.53	199.68	129.67	254.69	159.54	195.72	270.46	251.08	124.64	168.05	129.65			
			PJM.PJM110.Proj ect Manager Engineering Asst	PJM.PJM300.Proj ect Manager General Sr	EH1.EH100.EIT Highway	ESA.ESA300.Engi neer Sanitary Sr	ESA.ESA100.EIT Sanitary	EBR.EBR300.Eng ineer Bridge Sr	EST.EST200.Engi neer Structural	EH1.EH1300.Engi neer Highway Sr	PJM.PJM310.Proj ect Manager Engineering Sr	EBR.EBR300.Eng ineer Bridge Sr	LAR.LAR200.Land scape Architect	FIN.FIN230.Proje ct Accountant Sr	EVE.EVE100.Valu e Engineering Risk Specialist			
	Direct Rates	64.88	91.47	43.03	69.00	44.81	88.01	55.13	67.63	93.46	86.76	43.07	58.07	44.80				
1	Project Management		44	26	0	0	0	0	0	0	0	0	30	0	100	\$	20,184.96	
	1.1	Project Management/Administration	12	6									6		24	\$	4,849.56	
	1.2	Project Reporting/Invoicing	12										24		36	\$	6,286.20	
	1.3	Project Team Meetings	20	20											40	\$	9,049.20	
3	Topographic Survey and ROW Mapping		0	0	0	0	0	0	0	0	0	0	0	0	0	\$	-	
	3.3	Right-of-Way Plans and Legal Descriptions													0	\$	-	
8	Preliminary Desing (RAB)		31	4	25	0	0	0	0	0	0	0	0	0	60	\$	9,992.34	
	8.2	Roadway/Roundabout Design	31	4	25										60	\$	9,992.34	
9	Utility Coordination (RAB)		20	16	0	0	0	0	0	0	0	0	0	6	42	\$	8,768.26	
	9.2	Conflict Resolution													0	\$	-	
		Joint Utility Trench (JUT) Design													0	\$	-	
		Utility Coordination Meetings	20	16									6		42	\$	8,768.26	
11	Final Design (RAB)		24	8	32	21	56	0	0	0	4	0	0	0	0	145	\$	23,145.28
	11.1	Roadway/Roundabout Design													0	\$	-	
		Horizontal Alignments	4		16										20	\$	2,743.48	
		Vertical Alignments	2		4										6	\$	873.62	
		Final Grading	2		12										14	\$	1,869.86	
	11.2	Stormwater Design													0	\$	-	
		BMP Conversion	4	2		8	16			2					32	\$	5,493.50	
		Geotechnical Coordination	8	4		4	12								28	\$	4,915.60	
		Infiltration Gallery Design	4	2		8	24			2					40	\$	6,530.86	
	11.7	Watermain Design				1	4								5	\$	718.36	
15	Final Design (FRONTAGE)		43	8	34	21	80	0	0	0	5	0	0	0	0	191	\$	30,344.13
	15.1	Roadway Design													0	\$	-	
		Trails End Dr Cross-section	4		6										10	\$	1,498.18	
		Arab Dr Sidewalk Replacement	4		4										8	\$	1,249.12	
		Traffic Calming Alternatives	16												16	\$	3,004.00	
		Channelization Alternatives	8		12										20	\$	2,996.36	
		Final Grading			12										12	\$	1,494.36	
	15.2	Stormwater Design													0	\$	-	
		Stormwater Conveyance Revisions				5	16			1					22	\$	3,343.58	
		Park Pond Design Revisions	2			8	30			2					42	\$	6,403.96	
	15.3	Water Design													0	\$	-	
		Watermain Relocation	1			2	20			1					24	\$	3,450.97	
	15.6	Sanitary Sewer Design													0	\$	-	
		Sanitary Sewer Design				4	14			1					19	\$	2,884.56	
	15.7	CITY Project Coordination Meetings	8	8		2									18	\$	4,019.04	
17	75% Plans, Specifications, and Estimate (RAB)		4	0	8	0	0	0	0	2	0	0	0	0	0	14	\$	2,138.68
	17.2	75% Plans													0	\$	-	
		Retaining Wall Plan and Profile (1 sheet)	4		6										10	\$	1,498.18	
	17.4	75% Opinion of Probably Construction Costs (OPCC)			2					2					4	\$	640.50	
18	Final Plans, Specifications and Estimate (RAB)		11	2	10	5	12	0	0	6	3	0	2	0	0	51	\$	8,629.39
	18.2	Draft Final Plans													0	\$	-	
		75% Plan Revisions	8	2	8	3	4			5	2		2		34	\$	5,914.18	
		Watermain Plan and Profile (1 sheet)	1			1	6				1				9	\$	1,435.91	
	18.4	Draft Final Opinion of Probable Construction Costs (OPCC)	2		2	1	2			1					8	\$	1,279.30	
19	Advertisement and Bidding Support (RAB)		2	0	4	0	4	0	0	0	0	0	0	0	0	10	\$	1,392.30
	19.1	Final PS&E Revisions	2		4		4								10	\$	1,392.30	

H&R		French, Cameron C	Shea, Bradley J	Sousa, Logan Jon	Kuhns, David W Jr.	Bush, Jaelen Alexander	Vo, John-Viet T	Border, Eric Webster	Skinner, Mason J	Johnson, Ty M	Li, Patrick T	Golbuff, Graham	Ahrens, Leah Marie	McGlamery, John R					
23	Draft Final Plans, Specifications and Estimate (FRONTAGE)		10	1	14	6	10	0	0	8	4	0	0	0	0	53	\$ 9,028.01		
	23.2	Draft Final Plans														0	\$ -		
		Revisions for changes after 75% submittal	8	1	12	2	2		6	3						34	\$ 5,905.47		
		Added Stormwater Pond Grading Plan				2	6							8	\$ 1,177.38				
	23.4	Draft Final Opinion of Probable Construction Costs (OPCC)	2		2	2	2		2	1						11	\$ 1,945.16		
24	Advertisement and Bidding Support (FRONTAGE)		2	1	2	2	2	0	0	0	0	0	0	0	0	9	\$ 1,547.97		
	24.1	Final PS&E Revisions	2	1	2	2	2											9	\$ 1,547.97
27	Retaining Wall and Pedestrian Railing Design (RAB)		0	0	0	0	0	7	27	0	0	4	0	0	0	38	\$ 7,094.73		
	27.2	FINAL Wall, Sidewalk and Pedestrian Railing Design														0	\$ -		
		Final Wall & Pedestrian Railing PS&E						7	27						4		38	\$ 7,094.73	
Task Total Hours			191.00	66.00	129.00	55.00	164.00	7.00	27.00	16.00	16.00	4.00	2.00	30.00	6.00	713.00			
Task Total Fee			\$ 35,860.25	\$ 17,470.86	\$ 16,064.37	\$ 10,982.40	\$ 21,265.88	\$ 1,782.83	\$ 4,307.58	\$ 3,131.52	\$ 4,327.36	\$ 1,004.32	\$ 249.28	\$ 5,041.50	\$ 777.90		\$ 122,266.05		

HDR City of Tumwater Old 99 and 79th Ave RAB

		Hours	Rate		Amount	
<u>Legal Descriptions and ROW review</u>						
Field staking of ROW and TCE	2MC	3	\$	180.00	\$	540.00
proposed ROW Staking calcs	SST	2	\$	100.00	\$	200.00
LS Review update order title reports and coordinate	ls	2	\$	150.00	\$	300.00
Title Report Updates	Lump Sum	3	\$	150.00	\$	450.00
Additional Field topo by pick and pull	2MC	4	\$	180.00	\$	720.00
Process field data and drafting for map update	ST	6	\$	80.00	\$	480.00
Review map update	SST	2	\$	100.00	\$	200.00

Total Fee	\$ 2,890.00
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Land Surveyor	LS	150
2 Person Crew	2MC	180
Survey Technician	ST	80
Senior Survey Tech (LSIT)	SST	100