

**CITY OF SNOQUALMIE**  
**AGREEMENT FOR CONSULTANT SERVICES**  
**Contract Title: On-Call Utility Support Services**

THIS AGREEMENT made and entered into by and between the CITY OF SNOQUALMIE, a Washington municipal corporation (the "City"), and RH2 Engineering, Inc., a Washington corporation ("Consultant") is dated this \_\_\_\_ day of 2025.

Consultant Business: RH2 Engineering, Inc.  
Consultant Address: 22722 29<sup>th</sup> Drive SE, Suite 210  
Bothell, WA 98021

Consultant Phone: 425-951-5400

Consultant Fax: 425-951-5401

Contact Name: Dan Mahlum, P.E.

Contact e-mail: dmahlum@rh2.com

Federal Employee ID No.: 91-1108443

Authorized City Representative for this contract: Parks and Public Works Department Director

WHEREAS, the City desires to complete On-Call Utility Support Services:

WHEREAS, public convenience and necessity require the City to obtain the services of a consultant with expertise in the area of water and wastewater utility planning, design, and review; and

WHEREAS, the City finds that Consultant is qualified to perform and is experienced in performing the required services; and

WHEREAS, the city desires to engage the Consultant to provide the above-cited engineering services

NOW, THEREFORE, the parties herein do mutually agree as follows:

**1. Employment of Consultant.**

A. The City retains the Consultant to provide the services described in "Exhibit A" (the "Work"). Any inconsistency between this Agreement and the Scope of Work shall be resolved in favor of this Agreement. The Consultant shall perform the Work according to the terms and conditions of this Agreement.

B. The City may revise the Work and the compensation only by a written Change Order signed by the authorized City representative that shall become a part of this Agreement.

C. The project manager(s) of the Work shall be Dan Mahlum, P.E.. The project manager(s) shall not be replaced without the prior written consent of the City.

D. Work shall commence when the City issues a notice to proceed and it shall be completed no later than December 31<sup>st</sup>, 2027, unless the completion date is extended in writing by the City.

**2. Compensation.**

A. The total compensation to be paid to Consultant, including all services and expenses, shall not exceed \$440,511 as shown on Exhibit B, which shall be full compensation for the Work. Consultant shall notify the City when its requests for payment reach eighty-five percent of the total compensation.

B. The Consultant shall be paid in such amounts and in such manner as described in Exhibit B.

C. Consultant shall be reimbursed for Eligible Expenses actually incurred. "Eligible Expenses" means those types and amounts of expenses that are approved for reimbursement by the City in writing before the expense is incurred. If travel and/or overnight lodging is authorized, Consultant shall lodge within the corporate limits of City.

### **3. Request for Payment.**

A. Not more than once every thirty days the Consultant shall file its request for payment, accompanied by evidence satisfactory to the City justifying the request for payment, including a report of Work accomplished and tasks completed, and an itemization of Eligible Expenses with copies of receipts and invoices.

B. All requests for payment should be sent to

City of Snoqualmie  
Attn: Andrew Vining  
38624 SE River Street  
P.O. Box 987  
Snoqualmie, WA 98065

### **4. Work Product.**

A. The Consultant shall submit all reports and other documents specified in Exhibit A according to the schedule established in Exhibit A. If, after review by the City, the information is found to be unacceptable, Consultant, at its expense, shall expeditiously correct such unacceptable work. If Consultant fails to correct unacceptable work, the City may withhold from any payment due an amount that the City reasonably believes will equal the cost of correcting the work.

B. All reports, drawings, plans, specifications, and intangible property created in furtherance of the Work, and any intellectual property in such documents, are property of the City and may be used by the City for any purpose; provided that re-use without Consultant's permission shall be at the City's sole risk.

**5. Termination of Contract.** City may terminate this Agreement by sending a written notice of termination to Consultant ("Notice") that specifies a termination date ("Termination Date") at least fourteen (14) days after the date of the Notice; provided, however, that in the event of a material breach of this Agreement, termination may be effective immediately or upon such date as determined by the City in its sole discretion. For purposes of this Agreement, "material breach" is defined as misfeasance, malfeasance or violation of any criminal law, ordinance or regulation.. Upon receipt of the Notice, the Consultant shall acknowledge receipt to the City in writing and immediately commence to end the Work in a reasonable and orderly manner. Unless terminated for Consultant's material breach, the Consultant shall be paid or reimbursed for all hours worked and Eligible Expenses incurred up to the Termination date, less all payments previously made; provided that work performed after date of the Notice is reasonably necessary to terminate the Work in an orderly manner. The Notice may be sent by any method reasonably believed to provide Consultant actual notice in a timely manner

**6. Assignment of Contract – Subcontractors.** Consultant shall not assign this contract or sub-contract or assign any of the Work without the prior written consent of the City.

## **7. Indemnification.**

A. To the extent provided by law and irrespective of any insurance required of the Consultant, the Consultant shall defend and indemnify the City from any and all Claims arising out of or in any way relating to this Agreement; provided, however, the requirements of this paragraph shall not apply to that portion of such Claim that reflects the percentage of negligence of the City compared to the total negligence of all persons, firms or corporations that resulted in the Claim.

B. Consultant agrees that the provisions of this paragraph 7 apply to any claim of injury or damage to the persons or property of consultant's employees. As to such claims and with respect to the City only, consultant waives any right of immunity, which it may have under industrial insurance (Title 51 RCW and any amendment thereof or substitution therefore). THIS WAIVER IS SPECIFICALLY NEGOTIATED BY THE PARTIES AND IS SOLELY FOR THE BENEFIT OF THE CITY AND CONSULTANT.

C. As used in this paragraph: (1) "City" includes the City's officers, employees, agents, and representatives; (2) "Consultant" includes employees, agents, representatives sub-consultants; and (3) "Claims" include, but is not limited to, any and all losses, claims, causes of action, demands, expenses, attorney's fees and litigation expenses, suits, judgments, or damage arising from injury to persons or property.

D. Consultant shall ensure that each sub-consultant shall agree to defend and indemnify the City to the extent and on the same terms and conditions as the Consultant pursuant to this paragraph.

## **8. Insurance.**

A. Consultant shall comply with the following conditions and procure and keep in force at all times during the term of this Agreement, at Consultant's expense, the following policies of insurance with companies authorized to do business in the State of Washington. The Consultant's insurance shall be rated by A. M. Best Company at least "A" or better with a numerical rating of no less than seven (7) and otherwise acceptable to the City.

1. Workers' Compensation Insurance as required by Washington law and Employer's Liability Insurance with limits not less than \$1,000,000 per occurrence. If the City authorizes sublet work, the Consultant shall require each sub-consultant to provide Workers' Compensation Insurance for its employees, unless the Consultant covers such employees.
2. Commercial General Liability Insurance on an occurrence basis in an amount not less than \$1,000,000 per occurrence and at least \$2,000,000 in the annual aggregate, including but not limited to: premises/operations (including off-site operations), blanket contractual liability and broad form property damage.
3. Business Automobile Liability Insurance in an amount not less than \$1,000,000 per occurrence, extending to any automobile used by Consultant in the course of the Work. A statement by Consultant and approved by the City Administrator, certifying that no vehicle will be used in accomplishing this Agreement, may be substituted for this insurance requirement.
4. Professional Errors and Omissions Insurance in an amount not less than \$1,000,000 per occurrence and \$1,000,000 in the annual aggregate. Coverage may be written on a claims made basis; provided that the retroactive date on the policy or any renewal policy shall be the effective date of this Agreement or prior, and that the extended

reporting or discovery period shall not be less than 36 months following expiration of the policy. The City may waive the requirement for Professional Errors and Omissions Insurance whenever the Work does not warrant such coverage or the coverage is not available.

5. Each policy shall contain a provision that the policy shall not be canceled or materially changed without 30 days prior written notice to the City.

Upon written request to the City, the insurer will furnish, before or during performance of any Work, a copy of any policy cited above, certified to be a true and complete copy of the original.

B. Before the Consultant performs any Work, Consultant shall provide the City with a Certificate of Insurance acceptable to the City Attorney evidencing the above-required insurance and naming the City of Snoqualmie, its officers, employees and agents as Additional Insured on the Commercial General Liability Insurance policy and the Business Automobile Liability Insurance policy with respect to the operations performed and services provided under this Agreement and that such insurance shall apply as primary insurance on behalf of such Additional Insured. Receipt by the City of any certificate showing less coverage than required is not a waiver of the Consultant's obligations to fulfill the requirements.

C. Consultant shall comply with the provisions of Title 51 of the Revised Code of Washington before commencing the performance of the Work. Consultant shall provide the City with evidence of Workers' Compensation Insurance (or evidence of qualified self-insurance) before any Work is commenced.

D. In case of the breach of any provision of this section, the City may provide and maintain at the expense of Consultant insurance in the name of the Consultant and deduct the cost of providing and maintaining such insurance from any sums due to Consultant under this Agreement, or the City may demand Consultant to promptly reimburse the City for such cost.

**9. Independent Contractor.** The Consultant is an independent Contractor responsible for complying with all obligations of an employer imposed under federal or state law. Personnel employed by Consultant shall not acquire any rights or status regarding the City.

**10. Employment.** The Consultant warrants that it did not employ or retain any company or person, other than a bona fide employee working solely for the Consultant, to solicit or secure this Agreement or pay or agree to pay any such company or person any consideration, contingent upon or resulting from the award or making of this Agreement. For breach or violation of this warranty, the City shall have the right either to terminate this Agreement without liability or to deduct from the Agreement price or consideration or to otherwise recover, the full amount of such consideration.

**11. Audits and Inspections.** The Consultant shall make available to the City during normal business hours and as the City deems necessary for audit and copying all of the Consultant's records and documents with respect to all matters covered by this Agreement.

**12. City of Snoqualmie Business License.** Consultant shall obtain a City of Snoqualmie business license before performing any Work.

**13. Compliance with Federal, State and Local Laws.** Consultant shall comply with and obey all federal, state and local laws, regulations, and ordinances applicable to the operation of its business and to its performance of the Work.

**14. Waiver.** Any waiver by the Consultant or the City of the breach of any provision of this Agreement by the other party will not operate, or be construed, as a waiver of any subsequent breach by either party or prevent either party from thereafter enforcing any such provisions.

**15. Complete Agreement.** This Agreement contains the complete and integrated understanding and agreement between the parties and supersedes any understanding, agreement or negotiation whether oral or written not set forth herein.

**16. Modification of Agreement.** This Agreement may be modified by a Change Order as provided in Paragraph 1, or by a writing that is signed by authorized representatives of the City and the Consultant.

**17. Severability.** If any part of this Agreement is found to be in conflict with applicable laws, such part shall be inoperative, null and void, insofar as it is in conflict with said laws, the remainder of the Agreement shall remain in full force and effect.

**18. Notices.**

A. Notices to the City of Snoqualmie shall be sent to the following address:

City of Snoqualmie  
Attn: Public Works Director  
38624 SE River Street  
P.O. Box 987  
Snoqualmie, WA 98065

B. Notices to the Consultant shall be sent to the following address:

RH2 Engineering, Inc.  
Attn: Dan Mahlum, PE  
22722 29<sup>th</sup> Drive SE, Suite 210  
Bothell, WA 98021

**19. Venue.** This Agreement shall be governed by the law of the State of Washington and venue for any lawsuit arising out of this Agreement shall be in King County.

IN WITNESS WHEREOF, the City and Consultant have executed this Agreement as of the date first above written.

CONSULTANT: Please fill in the spaces and sign in the box appropriate for your business entity.

CITY OF SNOQUALMIE,  
WASHINGTON

By: \_\_\_\_\_  
Its: Mayor  
Date: \_\_\_\_\_

Corporation

RH2 Engineering

By: \_\_\_\_\_  
Typed/Printed Name: \_\_\_\_\_  
Its: \_\_\_\_\_  
Date: \_\_\_\_\_

ATTEST:

Deana Dean, City Clerk  
Date:

APPROVED AS TO FORM:

Dena Burke, City Attorney  
Date: \_\_\_\_\_

**Exhibit A**  
**Scope of Work**

**EXHIBIT A**  
**Scope of Work**  
**City of Snoqualmie**  
**Water and Sewer On-Call Services**  
January 2025

---

**Background**

The City of Snoqualmie (City) has requested assistance from RH2 Engineering, Inc., (RH2) to provide on-call support services for its water and sewer utilities. Major tasks anticipated for this on-call contract are described as follows.

**Water and Sewer Availability Certificates**

Assist the City with reviewing water and sewer availability certificates for new developments as requested. Perform water and sewer model updates to include recent improvements and operational changes. Review the developer's proposed improvements and perform analyses to determine if the City's water and/or sewer systems can provide the necessary pressure and fire flows. Determine if the City has the necessary storage, water rights, and capacity to serve the proposed developments.

**Mill Site Utility Proposals**

As requested, review utility proposals associated with the proposed Mill Site development. Work could include analyses to review the wastewater flows and pretreatment requirements proposed for the commercial/industrial development at the Mill Site. Perform sewer system analyses to determine conveyance system options and impacts at the Water Reclamation Facility. Perform water system analyses to determine water system improvements, including water main looping and a potential new storage reservoir, to support the Mill Site.

**Review Pressure Zone Conditions in Water Distribution System**

The City has been experiencing issues with the pumps in its Winery Pump Station in the 799 Pressure Zone for the last few years. The City has been working with PumpTech to determine the root cause of the issue. The pump station is having trouble priming the pumps and is possibly running dry. In addition, the City is evaluating a 599 Pressure Zone reconfiguration. As requested, RH2 is prepared to assist the City by performing hydraulic analyses to evaluate the condition and performance of the pressure zones. Assist with prioritizing water system Capital Improvement Plan (CIP) projects as requested.

**Canyon Springs Chlorination Facility and On-Site Sodium Hypochlorite Generation System**

The City currently is planning to run an Aquifer Storage and Recovery (ASR) Pilot Study at its Canyon Springs source to determine if it can withdraw additional water from the aquifer for storage. As part of this study, the City has obtained additional water rights at the Canyon Springs source (from 1.0 cubic feet per second (cfs) to 1.5 cfs). The City has requested that RH2 evaluate the existing



chlorination system and on-site sodium hypochlorite generation (OSHG) system at the Canyon Springs source to determine if upgrades are necessary to handle the increased capacity.

### **State Route 202 Bridge Crossing Feasibility Study and Alternatives Analysis**

The Washington State Department of Transportation (WSDOT) has plans to replace its State Route (SR) 202 bridge crossing that currently holds two City water mains, a sewer force main, and a reclaimed water main. The City has requested that RH2 evaluate alternatives for the utility crossings, including utilizing the new WSDOT bridge, microtunneling, or horizontal directional drilling. Permitting needs, planning-level cost estimates, and easement/property acquisitions also will be evaluated for each alternative.

### **1040 BPS Resiliency Improvements**

Recently, the 1040 Booster Pump Station (BPS) lost power in an isolated incident. Upon inspection, City operators discovered that two of three busbars in the electrical panel had melted and one of the four pumps had faulted due to over ramping. Since this occurred, the BPS has been operating on generator power until the busbars can be replaced. The City is working to provide a second backup generator to the site and evaluate repairs for the pump. The City requested that RH2 evaluate the BPS to determine improvements to enhance the resiliency of the station.

### **General Assumptions**

The following assumptions were made when preparing this Scope of Work:

- *RH2 will rely upon the accuracy and completeness of information, data, and materials generated or produced by the City or others in relation to this Scope of Work. RH2 assumes that the entity providing such information to RH2 is either the owner of such information or has obtained written authorization from the owner to distribute said information.*
- *Deliverables will be submitted in electronic format (PDF) unless otherwise noted.*
- *RH2 will perform the services described up to the amounts included in the attached Fee Estimate. If the City requests additional effort or changes to this Scope of Work, the City and RH2 will mutually determine a contract amendment.*
- *RH2 may perform site visits as requested by the City. At no time shall RH2 be responsible for the site safety or direction of others. The City shall ensure adequate access when requesting RH2 visit any site in the performance of this Scope of Work.*

### **Task 1 – Project Management**

**Objective:** Manage RH2’s project team and maintain regular client communications, including progress meetings. Prepare monthly invoices and budget status summaries.

#### **Approach:**

- 1.1 Provide direction, coordination, and oversight to the RH2 project team. Organize, manage, and coordinate technical disciplines as described herein and implement quality assurance and quality control reviews to execute this Scope of Work. Document and retain information generated during the execution of the project.

1.2 Prepare monthly invoices and budget status summaries.

**RH2 Deliverables:**

- Monthly progress reports with schedule, budget, work performed, and billed to date updates.

**Task 2 – Review Water and Sewer Availability Certificates**

**Objective:** Provide assistance to City staff as requested to review water and sewer availability certificates.

**Approach:**

- 2.1 Perform water and sewer model updates to include recent system improvements and operational changes. *Model updates will be performed as requested by the City.*
- 2.2 Review and analyze proposed plans for development for compliance with City water and sewer development standards and practices.

**Assumptions:**

- *Work will not be performed by RH2 without written authorization by the City for individual water and sewer availability requests.*

**Provided by City:**

- Water and sewer system hydraulic models.
- Proposed plans for development.

**RH2 Deliverables:**

- Review of water and sewer availability certificates for proposed developments.
- Other deliverables as requested by the City.

**Task 3 – Review Mill Site Utility Proposals**

**Objective:** Provide assistance to City staff as requested to review water and sewer proposals for the Mill Site.

**Approach:**

- 3.1 Review and comment on Mill Site water and sewer development plans as requested.
- 3.2 Perform analyses as requested to evaluate the sizing, location, and configuration of the on- and off-site water and sewer infrastructure required to service the Mill Site and meet the City's level of service goals for its utilities.
- 3.3 Attend meetings with the City and developer as requested to review comments and analysis results.

**Assumptions:**

- *Work will not be performed by RH2 without written authorization by the City.*

**Provided by City:**

- Utility development plans and other documentation to support the requested development reviews.

**RH2 Deliverables:**

- Review comments on the Mill Site water and sewer development plans in electronic PDF and via email.
- Other deliverables as requested by the City.

**Task 4 – Review Pressure Zone Conditions in Water Distribution System**

**Objective:** Provide assistance to City staff and operators as requested to review pressure zone conditions and configurations in the water system.

**Approach:**

- 4.1 Review and analyze the existing Winery Pump Station operations, hydraulics, and pump conditions. Determine if improvements are necessary. Summarize findings in a technical memorandum.
- 4.2 Review the potential for a 599 Pressure Zone reconfiguration at the Williams development.
- 4.3 Assist the City with prioritizing CIP projects for pump stations and other water system facilities as requested.

**Assumptions:**

- *Work will not be performed by RH2 without written authorization by the City.*

**Provided by City:**

- Available operational data and analyses for the existing system.

**RH2 Deliverables:**

- Technical memorandum for Winery Pump Station analyses.
- Other deliverables as requested by the City.

**Task 5 – Canyon Springs Chlorination Facility and OSHG System**

**Objective:** Evaluate the Canyon Springs chlorination facility and OSHG system to determine improvements needed to serve an increased capacity of 1.5 cfs. Prepare a technical memorandum summarizing the results of the evaluation.

**Approach:**

- 5.1 Perform one (1) site visit to observe the condition of mechanical and electrical components of the facility and discuss existing infrastructure with the operators. Review existing Canyon Springs facility data, including chlorination usage and doses for the last year.
- 5.2 Perform hydraulic analyses and model calibration for the Canyon Springs source and facilities.

- 5.3 Evaluate the capacity of the existing OSHG system equipment. Perform an alternatives analysis for treating the increased water rights, including temporary and permanent solutions. Prepare planning-level cost estimates for each alternative.
- 5.4 Prepare a draft technical memorandum summarizing the chlorination facility improvement alternatives. Submit the draft technical memorandum to City staff for review.
- 5.5 Attend one (1) meeting with City staff to discuss the draft technical memorandum. Revise and finalize the technical memorandum based on City review comments.

**Provided by City:**

- Access to the facility during the site visit.
- Canyon Springs chlorine usage and doses for the last year.
- Review comments on draft technical memorandum.
- Attendance at review meeting.

**RH2 Deliverables:**

- Attendance at one (1) site visit.
- Attendance at review meeting.
- Draft and final technical memorandum.

## **Task 6 – SR 202 Bridge Crossing Feasibility Study and Alternatives Analysis**

**Objective:** Perform a feasibility study and alternatives analysis for the City’s utilities on the WSDOT SR 202 bridge that is to be replaced. Evaluate planning-level costs, permitting needs, property/easement acquisitions, and schedule for each alternative. Prepare an Alternatives Analysis Report.

**Approach:**

- 6.1 Review City-provided as-builts, geotechnical explorations and reports, existing topographic and utility maps, and relevant studies.
- 6.2 Evaluate pipe sizing requirements and possible upsizing based on hydraulic modeling analyses and existing conditions. Specifically, analyze a new wastewater force main, water supply main and reclaimed water supply main.
- 6.3 Coordinate with WSDOT, as requested by the City, regarding the timing of the bridge replacement project and the possibility of utilizing the replacement bridge for the City’s utility lines. Present to WSDOT the number of pipes, liquid to convey, material choices and pipeline attachment alternatives. Examples of couplings to relieve strain caused by thermal expansion or seismic events will also be presented. Attend one (1) Teams meeting to present alternatives and possibility of integrating some or all of the mains onto the future bridge.
- 6.4 Procure geotechnical engineer as a subconsultant to RH2 to review available geologic and geotechnical information and provide input on the feasibility. *Four (4) different locations within 2,000 feet east of the existing SR 202 bridge will be reviewed for feasibility. Existing*

*borings, test pits, and geotechnical reports will be relied upon for this analysis. Subsurface geotechnical explorations will occur in later phases of this project once the number of viable alternative crossing methods have been reduced.*

6.5 Develop alternative approaches and conceptual plans for replacing the water, sewer, and reclaimed water mains, including relocations, construction method(s), required access, temporary or permanent easements, and temporary bypass routes. Alternatives will be developed to a level suitable to describe the proposed approach and planning-level costs. Currently, the following construction alternatives are envisioned for analysis to create a new water and sewer utility crossing of the Snoqualmie River:

- a) Microtunneling beneath the Snoqualmie River. One (1) large diameter casing tunneled into place could contain all four (4) pipelines.
- b) Installation of the four (4) pipelines by horizontal directional drilling. Sub-alternatives include consolidation of water supply pipelines into a common carrier and wastewater force main and reclaimed pipelines into another, or other variations.
- c) Construction of a new bridge over the Snoqualmie River to carry the utilities. This alternative could include a pedestrian/bicycle bridge to be integrated into the design.
- d) Coordination with WSDOT for permission to install the four (4) new utility pipelines on the proposed SR 202 bridge.
- e) Conversion of the existing SR 202 bridge into a utility and pedestrian/bicycle bridge after the new SR 202 bridge is built.
- f) Combinations of these alternatives.

6.6 Prepare a draft Alternatives Analysis Report summarizing the alternatives and conceptual design including the following primary criteria:

- a) Estimated cost.
- b) Required permitting including analysis of the ability to obtain the permit and the estimated cost and time to get them.
- c) The ability to acquire right-of-way or permanent easement for the utilities and temporary easements for their construction.
- d) The ability to build the new mains on schedule as they are needed.
- e) The level of risk to the City posed by the construction and operation of the new utility crossing.

Prepare a numerically scored ranking system to assist in making a recommendation. Submit the draft report with preliminary recommendations to City staff for review. Attend one (1) Teams meeting to discuss preliminary recommendations.

6.7 Attend one (1) meeting with City staff to discuss the draft report. Revise and finalize the Alternatives Analysis Report based on City review comments.

**Provided by City:**

- Available as-builts, relevant studies, and maps.
- Review comments on the draft Alternatives Analysis Report.
- Attendance at Teams meeting to discuss initial scoring of alternatives and in-person review meeting.

**RH2 Deliverables:**

- Draft and final Alternatives Analysis Report.
- Attendance at Teams meeting to discuss initial scoring of alternatives and in-person review meeting.

### **Task 7 – 1040 BPS Resiliency Improvements**

**Objective:** Evaluate the existing 1040 BPS pumps and electrical equipment and recommend improvements to enhance the resiliency of the pump station.

**Approach:**

- 7.1 Attend field testing on existing pumps to determine hydraulic performance and electrical power requirements. Evaluate pump operational range and identify recommended control changes or pump replacements.
- 7.2 Evaluate existing pump station electrical equipment and recommend improvements to reliably supply power to the pump station.
- 7.3 Summarize field testing findings and recommended improvements in a technical memorandum.

**Provided by City:**

- Access and operational assistance at 1040 BPS for pump testing and electrical equipment evaluation.

**RH2 Deliverables:**

- Technical memorandum for 1040 BPS Resiliency Improvements.

### **Task 8 – General On-Call Services**

**Objective:** Provide general water and sewer on-call services as requested by the City.

**Approach:**

- 8.1 Perform on-call services for the City’s water and sewer systems, including hydraulic analyses, hydraulic model updates, attendance and support at meetings, technical assistance, and other related services as requested by the City.
- 8.2 Provide ongoing operations support for the WRF, including site meetings, process data review, recommendations on modifications, and follow-up with City staff.

8.3 Provide support to the City during the National Pollutant Discharge Elimination System (NPDES) permit renewal process. Assist with the creation and development of the renewal application, coordinate with the City and Ecology during the application process. And provide review and comment on the draft NPDES submittal from Ecology.

**Assumptions:**

- *Work will not be performed by RH2 without written authorization by the City for individual requests.*

**RH2 Deliverables:**

- Deliverables as requested by the City.
- Correspondence, data analysis, and recommendations for ongoing operations support.
- NPDES permit renewal application, correspondence, and review comments on draft permit.

**Task 9 – Management Reserve**

**Objective:** Provide additional services as requested by the City.

**Approach:**

9.1 Provide additional services as requested and authorized by the City. Submit scope of work and budget estimate for supplemental services requested by the City. The City shall provide written authorization to proceed with any supplemental services.

**RH2 Deliverables:**

- Scope of work and budget estimate for supplemental services.
- Other deliverables as requested by the City under the authorization for any supplemental services.

**Project Schedule**

RH2 is prepared to commence with the work upon Notice to Proceed from the City. This project is anticipated to be completed by December 2025.

**EXHIBIT B**  
**COMPENSATION**



**EXHIBIT B**

**Fee Estimate**

**City of Snoqualmie**

**Water and Sewer On-Call Services**

Jan-25

Description		Total Hours	Total Labor	Total Subconsultant	Total Expense	Total Cost
<b>Task 1</b>	<b>Project Management</b>	<b>44</b>	<b>\$ 11,700</b>	<b>\$ -</b>	<b>\$ 293</b>	<b>\$ 11,993</b>
1.1	Provide direction, coordination, and oversight to RH2 team	16	\$ 5,088	\$ -	\$ 127	\$ 5,215
1.2	Prepare monthly invoices and budget status summaries	28	\$ 6,612	\$ -	\$ 165	\$ 6,777
<b>Task 2</b>	<b>Review Water and Sewer Availability Certificates</b>	<b>140</b>	<b>\$ 29,794</b>	<b>\$ -</b>	<b>\$ 2,615</b>	<b>\$ 32,409</b>
2.1	Perform water and sewer model updates	64	\$ 13,536	\$ -	\$ 1,246	\$ 14,782
2.2	Review and analyze proposed plans for development	76	\$ 16,258	\$ -	\$ 1,369	\$ 17,627
<b>Task 3</b>	<b>Review Mill Site Utility Proposals</b>	<b>204</b>	<b>\$ 49,666</b>	<b>\$ -</b>	<b>\$ 2,861</b>	<b>\$ 52,527</b>
3.1	Review and comment on Mill Site development plans	72	\$ 17,296	\$ -	\$ 1,010	\$ 18,306
3.2	Perform analyses for water and sewer infrastructure	96	\$ 22,624	\$ -	\$ 1,446	\$ 24,070
3.3	Attend meetings with City and developer as requested	36	\$ 9,746	\$ -	\$ 405	\$ 10,151
<b>Task 4</b>	<b>Review Pressure Zone Conditions in Water Distribution System</b>	<b>146</b>	<b>\$ 31,466</b>	<b>\$ -</b>	<b>\$ 2,574</b>	<b>\$ 34,040</b>
4.1	Review and analyze Winery Pump Station operations	72	\$ 14,986	\$ -	\$ 1,337	\$ 16,323
4.2	Review 599 Pressure Zone reconfiguration	48	\$ 10,186	\$ -	\$ 860	\$ 11,046
4.3	Assist City with prioritizing CIP projects	26	\$ 6,294	\$ -	\$ 377	\$ 6,671
<b>Task 5</b>	<b>Canyon Springs Treatment Facility and OSHG System</b>	<b>92</b>	<b>\$ 19,714</b>	<b>\$ -</b>	<b>\$ 1,226</b>	<b>\$ 20,940</b>
5.1	Perform site visit and review existing Canyon Springs facility data	22	\$ 5,010	\$ -	\$ 394	\$ 5,404
5.2	Perform hydraulic analyses and model calibration	16	\$ 3,256	\$ -	\$ 301	\$ 3,557
5.3	Evaluate capacity of existing OSHG system and perform analyses	16	\$ 3,258	\$ -	\$ 274	\$ 3,532
5.4	Prepare draft technical memorandum	22	\$ 4,590	\$ -	\$ 115	\$ 4,705
5.5	Attend review meeting and finalize technical memorandum	16	\$ 3,600	\$ -	\$ 142	\$ 3,742
<b>Task 6</b>	<b>SR 202 Bridge Crossing Feasibility Study and Alternatives Analysis</b>	<b>244</b>	<b>\$ 61,226</b>	<b>\$ 57,548</b>	<b>\$ 3,532</b>	<b>\$ 122,306</b>
6.1	Review City-provided as-builts and relevant studies	28	\$ 7,392	\$ -	\$ 457	\$ 7,849
6.2	Evaluate pipe sizing requirements and possible upsizing	26	\$ 6,216	\$ -	\$ 430	\$ 6,646
6.3	Coordinate with WSDOT regarding bridge project	16	\$ 4,080	\$ -	\$ 267	\$ 4,347
6.4	Coordinate with geotechnical engineer to review geologic information	20	\$ 5,856	\$ 26,843	\$ 229	\$ 32,928
6.5	Develop alternative approaches and conceptual plans	52	\$ 13,968	\$ 19,504	\$ 569	\$ 34,041
6.6	Prepare draft Alternatives Analysis Report	84	\$ 18,998	\$ 11,201	\$ 1,245	\$ 31,444
6.7	Attend review meeting and finalize Alternatives Analysis Report	18	\$ 4,716	\$ -	\$ 335	\$ 5,051
<b>Task 7</b>	<b>1040 BPS Resiliency Improvements</b>	<b>126</b>	<b>\$ 30,992</b>	<b>\$ -</b>	<b>\$ 1,734</b>	<b>\$ 32,726</b>
7.1	Attend field testing on existing pumps	36	\$ 9,064	\$ -	\$ 553	\$ 9,617
7.2	Evaluate existing electrical equipment	22	\$ 5,404	\$ -	\$ 300	\$ 5,704
7.3	Prepare technical memorandum	68	\$ 16,524	\$ -	\$ 881	\$ 17,405
<b>Task 8</b>	<b>General On-Call Services</b>	<b>403</b>	<b>\$ 104,354</b>	<b>\$ -</b>	<b>\$ 4,217</b>	<b>\$ 108,571</b>
8.1	Perform on-call water and sewer services as requested	108	\$ 24,224	\$ -	\$ 1,706	\$ 25,930
8.2	Provide ongoing operations support for WRF	204	\$ 55,752	\$ -	\$ 1,889	\$ 57,641
8.3	Provide support during NPDES permit renewal	91	\$ 24,378	\$ -	\$ 622	\$ 25,000
<b>Task 9</b>	<b>Management Reserve</b>	<b>100</b>	<b>\$ 23,638</b>	<b>\$ -</b>	<b>\$ 1,362</b>	<b>\$ 25,000</b>
9.1	Provide additional services as requested and authorized	100	\$ 23,638	\$ -	\$ 1,362	\$ 25,000
<b>PROJECT TOTAL</b>		<b>1499</b>	<b>\$ 362,550</b>	<b>\$ 57,548</b>	<b>\$ 20,413</b>	<b>\$ 440,511</b>

**EXHIBIT C**  
**RH2 ENGINEERING, INC.**  
**2025 SCHEDULE OF RATES AND CHARGES**

<b>RATE LIST</b>	<b>RATE</b>	<b>UNIT</b>
Professional I	\$174	\$/hr
Professional II	\$192	\$/hr
Professional III	\$214	\$/hr
Professional IV	\$235	\$/hr
Professional V	\$252	\$/hr
Professional VI	\$270	\$/hr
Professional VII	\$295	\$/hr
Professional VIII	\$318	\$/hr
Professional IX	\$328	\$/hr
Technician I	\$136	\$/hr
Technician II	\$148	\$/hr
Technician III	\$167	\$/hr
Technician IV	\$182	\$/hr
Technician V	\$199	\$/hr
Technician VI	\$219	\$/hr
Technician VII	\$238	\$/hr
Technician VIII	\$250	\$/hr
Administrative I	\$91	\$/hr
Administrative II	\$106	\$/hr
Administrative III	\$127	\$/hr
Administrative IV	\$148	\$/hr
Administrative V	\$171	\$/hr
CAD/GIS System	\$27.50	\$/hr
CAD Plots - Half Size	\$2.50	price per plot
CAD Plots - Full Size	\$10.00	price per plot
CAD Plots - Large	\$25.00	price per plot
Copies (bw) 8.5" X 11"	\$0.09	price per copy
Copies (bw) 8.5" X 14"	\$0.14	price per copy
Copies (bw) 11" X 17"	\$0.20	price per copy
Copies (color) 8.5" X 11"	\$0.90	price per copy
Copies (color) 8.5" X 14"	\$1.20	price per copy
Copies (color) 11" X 17"	\$2.00	price per copy
Technology Charge	2.50%	% of Direct Labor
Night Work	10.00%	% of Direct Labor
Mileage	\$0.6700	price per mile (or Current IRS Rate)
Subconsultants	15%	Cost +
Outside Services	at cost	

Rates listed are adjusted annually.