

**WHATCOM COUNTY CONTRACT
INFORMATION SHEET**

Whatcom County Contract No.

202012012

Originating Department:	Public Works
Division/Program: <i>(i.e. Dept. Division and Program)</i>	Natural Resources - 907010
Contract or Grant Administrator:	Gary Stoyka
Contractor's / Agency Name:	GSI Water Solutions, Inc.
Is this a New Contract? If not, is this an Amendment or Renewal to an Existing Contract? Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> If Amendment or Renewal, (per WCC 3.08.100 (a)) Original Contract #: _____	
Does contract require Council Approval? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> If No, include WCC: _____ Already approved? Council Approved Date: _____ (Exclusions see: Whatcom County Codes 3.06.010, 3.08.090 and 3.08.100)	
Is this a grant agreement? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If yes, grantor agency contract number(s): _____ CFDA#: _____	
Is this contract grant funded? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If yes, Whatcom County grant contract number(s): _____	
Is this contract the result of a RFP or Bid process? Contract Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> If yes, RFP and Bid number(s): <u>20-49</u> Cost Center: <u>169121</u>	
Is this agreement excluded from E-Verify? No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> If no, include Attachment D Contractor Declaration form.	
If YES, indicate exclusion(s) below: <input checked="" type="checkbox"/> Professional services agreement for certified/licensed professional. <input type="checkbox"/> Contract work is for less than \$100,000. <input type="checkbox"/> Contract for Commercial off the shelf items (COTS). <input type="checkbox"/> Contract work is for less than 120 days. <input type="checkbox"/> Work related subcontract less than \$25,000. <input type="checkbox"/> Interlocal Agreement (between Governments). <input type="checkbox"/> Public Works - Local Agency/Federally Funded FHWA.	
Contract Amount:(sum of original contract amount and any prior amendments): \$ <u>103,700.00</u> This Amendment Amount: \$ _____ Total Amended Amount: \$ _____	Council approval required for; all property leases, contracts or bid awards exceeding \$40,000 , and professional service contract amendments that have an increase greater than \$10,000 or 10% of contract amount, whichever is greater, except when: 1. Exercising an option contained in a contract previously approved by the council. 2. Contract is for design, construction, r-o-w acquisition, prof. services, or other capital costs approved by council in a capital budget appropriation ordinance. 3. Bid or award is for supplies. 4. Equipment is included in Exhibit "B" of the Budget Ordinance 5. Contract is for manufacturer's technical support and hardware maintenance of electronic systems and/or technical support and software maintenance from the developer of proprietary software currently used by Whatcom County.
Summary of Scope: Contract with GSI Water Solutions, Inc. and Whatcom County Flood Control Zone District to conduct a peer review of the Lynden-Everson-Nooksack-Sumas numerical groundwater model and provide recommendations for improvements and additional work.	
Term of Contract:	Time and materials/Not to exceed Expiration Date: <u>6/30/21</u>

Contract Routing:	1. Prepared by: <u>Gary Stoyka</u>	Date: <u>11/17/20</u>
	2. Attorney signoff: <u>Christopher Quinn</u>	Date: <u>11/19/2020</u>
	3. AS Finance reviewed: <u>M Caldwell</u>	Date: <u>11/19/2020</u>
	4. IT reviewed (if IT related): _____	Date: _____
	5. Contractor signed: _____ ✓	Date: <u>11-20-2020</u>
	6. Submitted to Exec.: _____ ✓	Date: <u>12-8-2020</u>
	7. Council approved (if necessary): <u>AB2020-564</u> ✓	Date: <u>12-8-2020</u>
	8. Executive signed: _____ ✓	Date: <u>12-9-2020</u>
	9. Original to Council: _____ ✓	Date: <u>12-11-2020</u>

CONTRACT FOR SERVICES
Between Whatcom County and GSI Water Solutions, Inc.

GSI Water Solutions, Inc., hereinafter called Contractor and Whatcom County Flood Control Zone District, hereinafter referred to as County, agree and contract as set forth in this Agreement, including:

- General Conditions, pp. 1 to 12,
Exhibit A (Scope of Work), pp. 13 to 17,
Exhibit B (Compensation), pp. 18,
Exhibit C (Certificate of Insurance).

Copies of these items are attached hereto and incorporated herein by this reference as if fully set forth herein.

The term of this Agreement shall commence on the 14th day of December, 2020, and shall, unless terminated or renewed as elsewhere provided in the Agreement, terminate on the 30th day of June, 2021.

The general purpose or objective of this Agreement is to: conduct a peer review of the numerical groundwater model for the Lynden-Everson-Nooksack-Sumas area of Whatcom County, as more fully and definitively described in Exhibit A hereto. The language of Exhibit A controls in case of any conflict between it and that provided here.

The maximum consideration for the initial term of this agreement or for any renewal term shall not exceed \$ 103,700.00. The Contract Number, set forth above, shall be included on all billings or correspondence in connection therewith.

Contractor acknowledges and by signing this contract agrees that the Indemnification provisions set forth in Paragraphs 11.1, 21.1, 30.1, 31.2, 32.1, 34.2, and 34.3, if included, are totally and fully part of this contract and have been mutually negotiated by the parties.

Each person signing this Contract represents and warrants that he or she is duly authorized and has legal capacity to execute and deliver this Contract.

IN WITNESS WHEREOF, the parties have executed this Agreement this 20th day of November, 2020.

CONTRACTOR:

GSI Water Solutions, Inc.

John J. Porcello, Principal
(Type in Name & Title of Signatory)

STATE OF Oregon)
COUNTY OF Clackamas) ss.

On this 20 day of November, 2020, before me personally appeared John Porcello to me known to be the Principal (title) of GSI Water Solutions, Inc. (Company) and who executed the above instrument and who acknowledged to me the act of signing and sealing thereof.

Emily Mackey
NOTARY PUBLIC in and for the State of Oregon, residing at 15094 SE Mainway, Milwaukie, OR 97267
My commission expires 1/23/2021.



WHATCOM COUNTY FLOOD CONTROL ZONE DISTRICT:

Recommended for Approval:

[Signature] 11/23/20
Department Director Date

Approved as to form:

CR/mailed/BB 11/23/2020
Senior Deputy Prosecuting Attorney – Civil Division Date

Approved:

Accepted for Whatcom County Flood Control Zone District:

By: Satpal Sidhu
Satpal Singh Sidhu, Whatcom County Executive

STATE OF WASHINGTON)
) ss
COUNTY OF WHATCOM)

On this 9th day of Dec, 2020, before me personally appeared Satpal Singh Sidhu, to me known to be the Executive of Whatcom County, who executed the above instrument and who acknowledged to me the act of signing and sealing thereof.



Arden J Landry
NOTARY PUBLIC in and for the State of Washington, residing at
Bellevue My commission expires 05-25-2023

CONTRACTOR INFORMATION

GSI Water Solutions, Inc.
John Porcello, Principal
(Type in Name & Title of Signatory Authorized by Firm Bylaws, if applicable)

Address:
55 SW Yamhill Street, Suite 300 _____
Portland, OR 97204 _____

Mailing Address:
same

GENERAL CONDITIONS

Series 00-09: Provisions Related to Scope and Nature of Services

0.1 Scope of Services:

The Contractor agrees to provide to the County services and any materials as set forth in the project narrative identified as Exhibit "A", during the agreement period. No material, labor, or facilities will be furnished by the County, unless otherwise provided for in the Agreement.

Series 10-19: Provisions Related to Term and Termination

10.1 Term:

Services provided by Contractor prior to or after the term of this contract shall be performed at the expense of Contractor and are not compensable under this contract unless both parties hereto agree to such provision in writing. The term of this Agreement may be extended by mutual agreement of the parties; provided, however, that the Agreement is in writing and signed by both parties.

10.2 Extension:

The duration of this Agreement may be extended by mutual written consent of the parties, for a period of up to one year, and for a total of no longer than three years.

11.1 Termination for Default:

If the Contractor defaults by failing to perform any of the obligations of the contract or becomes insolvent or is declared bankrupt or commits any act of bankruptcy or insolvency or makes an assignment for the benefit of creditors, the County may, by depositing written notice to the Contractor in the U.S. mail, first class postage prepaid, terminate the contract, and at the County's option, obtain performance of the work elsewhere. Termination shall be effective upon Contractor's receipt of the written notice, or within three (3) days of the mailing of the notice, whichever occurs first. If the contract is terminated for default, the Contractor shall not be entitled to receive any further payments under the contract until all work called for has been fully performed. Any extra cost or damage to the County resulting from such default(s) shall be deducted from any money due or coming due to the Contractor. The Contractor shall bear any extra expenses incurred by the County in completing the work, including all increased costs for completing the work, and all damage sustained, or which may be sustained by the County by reason of such default.

11.2 Termination for Reduction in Funding:

In the event that funding from State, Federal or other sources is withdrawn, reduced, or limited in any way after the effective date of this Agreement, and prior to its normal completion, the County may summarily terminate this Agreement as to the funds withdrawn, reduced, or limited, notwithstanding any other termination provisions of this Agreement. If the level of funding withdrawn, reduced or limited is so great that the County deems that the continuation of the programs covered by this Agreement is no longer in the best interest of the County, the County may summarily terminate this Agreement in whole, notwithstanding any other termination provisions of this Agreement. Termination under this section shall be effective upon receipt of written notice as specified herein, or within three days of the mailing of the notice, whichever occurs first.

11.3 Termination for Public Convenience:

The County may terminate the Agreement in whole or in part whenever the County determines, in its sole discretion, that such termination is in the interests of the County. Whenever the Agreement is terminated in accordance with this paragraph, the Contractor shall be entitled to payment for actual work performed at unit contract prices for completed items of work. An equitable adjustment in the contract price for partially completed items of work will be made, but such adjustment shall not include provision for loss of anticipated profit on deleted or uncompleted work. Termination of this Agreement by the County at any time during the term, whether for default or convenience, shall not constitute breach of contract by the County.

Series 20-29: Provisions Related to Consideration and Payments

20.1 Accounting and Payment for Contractor Services:

Payment to the Contractor for services rendered under this Agreement shall be as set forth in Exhibit "B." Where Exhibit "B" requires payments by the County, payment shall be based upon written claims supported, unless otherwise provided in Exhibit "B," by documentation of units of work actually performed and amounts earned, including, where appropriate, the actual number of days worked each month, total number of hours for the month, and the total dollar payment requested, so as to comply with municipal auditing requirements.

Unless specifically stated in Exhibit "B" or approved in writing in advance by the official executing this Agreement for the County or his designee (hereinafter referred to as the "Administrative Officer") the County will not reimburse the Contractor for any costs or expenses

incurred by the Contractor in the performance of this contract. Where required, the County shall, upon receipt of appropriate documentation, compensate the Contractor, no more often than monthly, in accordance with the County's customary procedures, pursuant to the fee schedule set forth in Exhibit "B."

21.1 Taxes:

The Contractor understands and acknowledges that the County will not withhold Federal or State income taxes. Where required by State or Federal law, the Contractor authorizes the County to withhold for any taxes other than income taxes (i.e., Medicare). All compensation received by the Contractor will be reported to the Internal Revenue Service at the end of the calendar year in accordance with the applicable IRS regulations. It is the responsibility of the Contractor to make the necessary estimated tax payments throughout the year, if any, and the Contractor is solely liable for any tax obligation arising from the Contractor's performance of this Agreement. The Contractor hereby agrees to indemnify the County against any demand to pay taxes arising from the Contractor's failure to pay taxes on compensation earned pursuant to this Agreement.

The County will pay sales and use taxes imposed on goods or services acquired hereunder as required by law. The Contractor must pay all other taxes, including, but not limited to, Business and Occupation Tax, taxes based on the Contractor's gross or net income, or personal property to which the County does not hold title. The County is exempt from Federal Excise Tax.

22.1 Withholding Payment:

In the event the County's Administrative Officer determines that the Contractor has failed to perform any obligation under this Agreement within the times set forth in this Agreement, then the County may withhold from amounts otherwise due and payable to Contractor the amount determined by the County as necessary to cure the default, until the Administrative Officer determines that such failure to perform has been cured. Withholding under this clause shall not be deemed a breach entitling Contractor to termination or damages, provided that the County promptly gives notice in writing to the Contractor of the nature of the default or failure to perform, and in no case more than 10 days after it determines to withhold amounts otherwise due. A determination of the Administrative Officer set forth in a notice to the Contractor of the action required and/or the amount required to cure any alleged failure to perform shall be deemed conclusive, except to the extent that the Contractor acts within the times and in strict accord with the provisions of the Disputes clause of this Agreement. The County may act in accordance with any determination of the Administrative Officer which has become conclusive under this clause, without prejudice to any other remedy under the Agreement, to take all or any of the following actions: (1) cure any failure or default, (2) to pay any amount so required to be paid and to charge the same to the account of the Contractor, (3) to set off any amount so paid or incurred from amounts due or to become due the Contractor. In the event the Contractor obtains relief upon a claim under the Disputes clause, no penalty or damages shall accrue to Contractor by reason of good faith withholding by the County under this clause.

23.1 Labor Standards:

The Contractor agrees to comply with all applicable state and federal requirements, including but not limited to those pertaining to payment of wages and working conditions, in accordance with RCW 39.12.040, the Prevailing Wage Act; the Americans with Disabilities Act of 1990; the Davis-Bacon Act; and the Contract Work Hours and Safety Standards Act providing for weekly payment of prevailing wages, minimum overtime pay, and providing that no laborer or mechanic shall be required to work in surroundings or under conditions which are unsanitary, hazardous, or dangerous to health and safety as determined by regulations promulgated by the Federal Secretary of Labor and the State of Washington.

Series 30-39: Provisions Related to Administration of Agreement

30.1 Independent Contractor:

The Contractor's services shall be furnished by the Contractor as an independent contractor, and nothing herein contained shall be construed to create a relationship of employer-employee or master-servant, but all payments made hereunder and all services performed shall be made and performed pursuant to this Agreement by the Contractor as an independent contractor.

The Contractor acknowledges that the entire compensation for this Agreement is specified in Exhibit "B" and the Contractor is not entitled to any benefits including, but not limited to: vacation pay, holiday pay, sick leave pay, medical, dental, or other insurance benefits, or any other rights or privileges afforded to employees of the County. The Contractor represents that he/she/it maintains a separate place of business, serves clients other than the County, will report all income and expense accrued under this contract to the Internal Revenue Service, and has a tax account with the State of Washington Department of Revenue for payment of all sales and use and Business and Occupation taxes collected by the State of Washington.

Contractor will defend, indemnify and hold harmless the County, its officers, agents or employees from any loss or expense, including, but not limited to, settlements, judgments, setoffs, attorneys' fees or costs incurred by reason of claims or demands because of breach of the provisions of this paragraph

30.2 Assignment and Subcontracting:

The performance of all activities contemplated by this agreement shall be accomplished by the Contractor. No portion of this contract may be assigned or subcontracted to any other individual, firm or entity without the express and prior written approval of the County.

30.3 No Guarantee of Employment:

The performance of all or part of this contract by the Contractor shall not operate to vest any employment rights whatsoever and shall not be deemed to guarantee any employment of the Contractor or any employee of the Contractor or any subcontractor or any employee of any subcontractor by the County at the present time or in the future.

31.1 Ownership of Items Produced and Public Records Act:

All writings, programs, data, public records or other materials prepared by the Contractor and/or its consultants or subcontractors, in connection with performance of this Agreement, shall be the sole and absolute property of the County. If the Contractor creates any copyrightable materials or invents any patentable property, the Contractor may copyright or patent the same, but the County retains a royalty-free, nonexclusive and irrevocable license to reproduce, publish, recover, or otherwise use the materials or property and to authorize other governments to use the same for state or local governmental purposes. Contractor further agrees to make research, notes, and other work products produced in the performance of this Agreement available to the County upon request. This paragraph does not apply to changes made to the commercial software known as "Groundwater Vistas."

Ownership. Any and all data, writings, programs, public records, reports, analyses, documents, photographs, pamphlets, plans, specifications, surveys, films or any other materials created, prepared, produced, constructed, assembled, made, performed or otherwise produced by the Contractor or the Contractor's subcontractors or consultants for delivery to the County under this Contract shall be the sole and absolute property of the County. Such property shall constitute "work made for hire" as defined by the U.S. Copyright Act of 1976, 17 U.S.C. § 101, and the ownership of the copyright and any other intellectual property rights in such property shall vest in the County at the time of its creation. Ownership of the intellectual property includes the right to copyright, patent, and register, and the ability to transfer these rights. Material which the Contractor uses to perform this Contract but is not created, prepared, constructed, assembled, made, performed or otherwise produced for or paid for by the County is owned by the Contractor and is not "work made for hire" within the terms of this Agreement. This paragraph does not apply to changes made to the commercial software known as "Groundwater Vistas."

Public Records Act. This Contract and all records associated with this Contract shall be available for inspection and copying by the public where required by the Public Records Act, Chapter 42.56 RCW (the "Act"). To the extent that public records then in the custody of the Contractor are needed for the County to respond to a request under the Act, as determined by the County, the Contractor agrees to make them promptly available to the County at no cost to the County. If the Contractor considers any portion of any record provided to the County under this Agreement, whether in electronic or hard copy form, to be protected from disclosure under law, the Contractor shall clearly identify any specific information that it claims to be confidential or proprietary. If the County receives a request under the Act to inspect or copy the information so identified by the Contractor and the County determines that release of the information is required by the Act or otherwise appropriate, the County's sole obligations shall be to notify the Contractor (a) of the request and (b) of the date that such information will be released to the requester unless the Contractor obtains a court order to enjoin that disclosure pursuant to RCW 42.56.540. If the Contractor fails to timely obtain a court order enjoining disclosure, the County will release the requested information on the date specified.

The County has, and by this section assumes, no obligation on behalf of the Contractor to claim any exemption from disclosure under the Act. The County shall not be liable to the Contractor for releasing records not clearly identified by the Contractor as confidential or proprietary. The County shall not be liable to the Contractor for any records that the County releases in compliance with this section or in compliance with an order of a court of competent jurisdiction.

The Contractor shall be liable to the requester for any and all fees, costs, penalties or damages imposed or alleged as a result of the Contractor's failure to provide adequate or timely records.

This provision and the obligations it establishes shall remain in effect after the expiration of this contract.

31.2 Patent/Copyright Infringement:

Contractor will defend and indemnify the County from any claimed action, cause or demand brought against the County, to the extent such action is based on the claim that information supplied by the Contractor infringes any patent or copyright. The Contractor will pay those costs and damages attributable to any such claims that are finally awarded against the County in any action. Such defense and payments are conditioned upon the following:

A. The Contractor shall be notified promptly in writing by the County of any notice of such claim.

B. Contractor shall have the right, hereunder, at its option and expense, to obtain for the County the right to continue using the information, in the event such claim of infringement, is made, provided no reduction in performance or loss results to the County.

32.1 Confidentiality:

The Contractor, its employees, subcontractors, and their employees shall maintain the confidentiality of all information provided by the County or acquired by the Contractor in performance of this Agreement, except upon the prior written consent of the County or an order entered by a court after having acquired jurisdiction over the County. Contractor shall immediately give to the County notice of any judicial proceeding seeking disclosure of such information. Contractor shall indemnify and hold harmless the County, its officials, agents or employees from all loss or expense, including, but not limited to, settlements, judgments, setoffs, attorneys' fees and costs resulting from Contractor's breach of this provision.

33.1 Right to Review:

This contract is subject to review by any Federal, State or County auditor. The County or its designee shall have the right to review and monitor the financial and service components of this program by whatever means are deemed expedient by the Administrative Officer or by the County Auditor's Office. Such review may occur with or without notice and may include, but is not limited to, on-site inspection by County agents or employees, inspection of all records or other materials which the County deems pertinent to the Agreement and its performance, and any and all communications with or evaluations by service recipients under this Agreement. The Contractor shall preserve and maintain all financial records and records relating to the performance of work under this Agreement for three (3) years after contract termination, and shall make them available for such review, within Whatcom County, State of Washington, upon request. Contractor also agrees to notify the Administrative Officer in advance of any inspections, audits, or program review by any individual, agency, or governmental unit whose purpose is to review the services provided within the terms of this Agreement. If no advance notice is given to the Contractor, then the Contractor agrees to notify the Administrative Officer as soon as it is practical.

34.1 Insurance:

The Contractor shall, at its own expense, obtain and continuously maintain the following insurance coverage for the duration of this contract, which shall include insurance against claims for injuries to persons or damage to property which may arise from or in connection with the performance of the work hereunder by the Contractor, its agents, representatives, subcontractors or employees. All insurers providing such insurance shall have an A.M. Best Rating of not less than A- (or otherwise be acceptable to the County) and be licensed to do business in the State of Washington and admitted by the Washington State Insurance Commissioner. Coverage limits shall be the minimum limits identified in this Contract or the coverage limits provided or available under the policies maintained by the Contractor without regard to this Contract, whichever are greater.

1. Commercial General Liability

Property Damage	\$500,000.00, per occurrence
General Liability & bodily injury	\$500,000.00, per occurrence
Annual Aggregate	\$1,000,000.00

At least as broad as ISO form CG 00 01 or the equivalent, which coverage shall include personal injury, bodily injury and property damage for Premises Operations, Products and Completed Operations, Personal/Advertising Injury, Contractual Liability, Independent Contractor Liability, medical payments and Stop Gap/Employer's Liability. Coverage shall not exclude or contain sub-limits less than the minimum limits required, unless approved in writing by the County.

2. Professional Liability (Errors and Omissions) \$1,000,000 per claim or in the aggregate

3. Additional Insurance Requirements and Provisions

- a. All insurance policies shall provide coverage on an occurrence basis, or if coverage is on a "claims made" basis, Contractor shall furnish proof of continuous "tail" coverage for 3 years after Agreement completion.
- b. Additional Insureds. Whatcom County, its departments, elected and appointed officials, employees, agents and volunteers shall be included as additional insureds on Contractor's and Contractor's subcontractors' Commercial General Liability insurance policies by way of endorsement for the full available limits of insurance required in this contract or maintained by the Contractor and subcontractor, whichever is greater.
- c. Primary and Non-contributory Insurance. Contractor shall provide primary insurance coverage and the County's insurance shall be non-contributory. Any insurance, self-insured retention, deductible, risk retention or insurance pooling maintained or participated in by the County shall be excess and non-contributory to Contractor's insurance.
- d. Waiver of Subrogation. The insurance policy shall provide a waiver of subrogation with respect to each insurance policy maintained under this Contract. When required by an insurer, or if a policy condition does not permit Contractor to enter into a pre-loss agreement to waive subrogation without an endorsement, then Contractor agrees to notify the insurer and obtain

such endorsement. This requirement shall not apply to any policy which includes a condition expressly prohibiting waiver of subrogation by the insured or which voids coverage should the Contractor enter into such a waiver of subrogation on a pre-loss basis.

- e. **Review of and Revision of Policy Provisions.** Upon request, the Contractor shall provide a full and complete certified copy of all requested insurance policies to the County. The County reserves the right, but not the obligation, to revise any insurance requirement, including but not limited to limits, coverages and endorsements, or to reject any insurance policies which fail to meet the requirements of this Contract. Additionally, the County reserves the right, but not the obligation, to review and reject any proposed insurer providing coverage based upon the insurer's financial condition or licensing status in Washington.
- f. **Verification of Coverage/Certificates and Endorsements.** The Contractor shall furnish the County with a certificate of insurance and endorsements required by this contract. The certificates and endorsements for each policy shall be signed by a person authorized by the insurer to bind coverage on its behalf. The certificate and endorsements for each insurance policy are to be on forms approved by the County prior to commencement of activities associated with the contract. The certificate and endorsements, and renewals thereof, shall be attached hereto as Exhibit "C". If Exhibit C is not attached, the Contractor must submit the certificate and endorsements required in this contract to the County prior to the commencement of any work on the contracted project. A certificate alone is insufficient proof of the required insurance; endorsements must be included with the certificate. The certificate of insurance must reflect the insurance required in this contract, including appropriate limits, insurance coverage dates, per occurrence, and in the description of operations, include the County project, Whatcom County, its departments, officials, employees, agents and volunteers as additional insureds, primary, non-contributory, and waiver of subrogation.
- g. The County must be notified immediately in writing of any cancellation of the policy, exhaustion of aggregate limits, notice of intent not to renew insurance coverage, expiration of policy or change in insurer carrier. Contractor shall always provide the County with a current copy of the certificate and endorsements throughout the duration of the contract.
- h. **No Limitation on Liability.** The insurance maintained under this Contract shall not in any manner limit the liability or qualify the liabilities or obligations of the Contractor to the coverage provided by such insurance, or otherwise limit the County's recourse to any remedy available at law or equity.
- i. **Payment Conditioned on Insurance and Failure to Maintain Insurance.** Compensation and/or payments due to the Contractor under this Contract are expressly conditioned upon the Contractor's compliance with all insurance requirements. Failure on the part of the Contractor to maintain the insurance as required shall constitute a material breach of contract. Payment to the Contractor may be suspended in the event of non-compliance, upon which the County may, after giving five business days' notice to the Contractor to correct the breach, immediately terminate the contract or, at its discretion, procure or renew such insurance and pay any and all premiums in connection therewith, with any sums so expended to be repaid to the County on demand or offset against funds due the Contractor. Upon receipt of evidence of Contractor's compliance, payments not otherwise subject to withholding or set-off will be released to the Contractor.
- j. **Workers' Compensation.** The Contractor shall maintain Workers' Compensation coverage as required under the Washington State Industrial Insurance Act, RCW Title 51, for all Contractors' employees, agents and volunteers eligible for such coverage under the Industrial Insurance Act.
- k. **Failure of the Contractor to take out and/or maintain required insurance shall not relieve the Contractor or subcontractors from any liability under the contract, nor shall the insurance requirements be construed to conflict with or otherwise limit the obligations concerning indemnification.** The County does not waive any insurance requirements even in the event the certificate or endorsements provided by the Contractor were insufficient or inadequate proof of coverage but not objected to by the County. The County's failure to confirm adequate proof of insurance requirements does not constitute a waiver of the Contractor's insurance requirements under this Contract.
- l. **Availability of Contractor Limits.** If the Contractor maintains higher insurance limits than the minimums shown above, the County shall be insured for the full available limits, including Excess or Umbrella liability maintained by the Contractor,

irrespective of whether such limits maintained by the Contractor are greater than those required by this contract or whether any certificate furnished to the County evidences limits of liability lower than those maintained by the Contractor.

- m. Insurance for Subcontractors. If the Contractor subcontracts (if permitted in the contract) any portion of this Contract, the Contractor shall include all subcontractors as insureds under its policies or shall require separate certificates of insurance and policy endorsements from each subcontractor. Insurance coverages by subcontractors must comply with the insurance requirements of the Contractor in this contract and shall be subject to all of the requirements stated herein, including naming the County as additional insured.
- n. The Contractor agrees Contractor's insurance obligation shall survive the completion or termination of this Contract for a minimum period of three years.

34.3 Defense & Indemnity Agreement:

To the fullest extent permitted by law, the Contractor agrees to indemnify, defend and hold the County and its departments, elected and appointed officials, employees, agents and volunteers, harmless from and against any and all claims, damages, losses and expenses, including but not limited to court costs, attorney's fees, and alternative dispute resolution costs, for any personal injury, for any bodily injury, sickness, disease, or death and for any damage to or destruction of any property (including the loss of use resulting therefrom) which: 1) are caused in whole or in part by any error, act or omission, negligent or otherwise, of the Contractor, its employees, agents or volunteers or Contractor's subcontractors and their employees, agents or volunteers; or 2) directly or indirectly arise out of or occur in connection with performance of this Contract or 3) are based upon the Contractor's or its subcontractors' use of, presence upon, or proximity to the property of the County. This indemnification obligation of the Contractor shall not apply in the limited circumstance where the claim, damage, loss, or expense is caused by the sole negligence of the County.

Should a court of competent jurisdiction determine that this contract is subject to RCW 4.24.115, then in the event of concurrent Negligence of the Contractor, its subcontractors, employees or agents, and the County, its employees or agents, this indemnification obligation of the Contractor shall be valid and enforceable only to the extent of the negligence of the Contractor, its subcontractors, employees, and agents. This indemnification obligation of the Contractor shall not be limited in any way by the Washington State Industrial Insurance Act, RCW Title 51, or by application of any other workmen's compensation act, disability benefit act or other employee benefit act, and the Contractor hereby expressly waives any immunity afforded by such acts.

It is further provided that no liability shall attach to the County by reason of entering into this contract, except as expressly provided herein. The parties specifically agree that this Contract is for the benefit of the parties only and this Contract shall create no rights in any third party. The County reserves the right, but not the obligation, to participate in the defense of any claim, damages, losses, or expenses, and such participation shall not constitute a waiver of Contractor's indemnity obligations under this Agreement.

In the event the Contractor enters into subcontracts to the extent allowed under this Contract, the Contractor's subcontractors shall indemnify the County on a basis equal to or exceeding Contractor's indemnity obligations to the County. The Contractor shall pay all attorney's fees and expenses incurred by the County in establishing and enforcing the County's rights under this indemnification provision, whether or not suit was instituted.

The Contractor agrees all Contractor's indemnity obligations shall survive the completion, expiration or termination of this Agreement. The foregoing indemnification obligations of the Contractor are a material inducement to County to enter into this Agreement and are reflected in the Contractor's compensation.

By signing this contract, the Contractor acknowledges that it has freely negotiated and agreed to the indemnification requirements to defend, indemnify and hold harmless the County from all claims and suits including those brought against the County by the Contractor's own employees, arising from this contract.

35.1 Non-Discrimination in Employment:

The County's policy is to provide equal opportunity in all terms, conditions and privileges of employment for all qualified applicants and employees without regard to race, color, creed, religion, national origin, sex, sexual orientation, age, marital status, disability, or veteran status. The Contractor shall comply with all laws prohibiting discrimination against any employee or applicant for employment on the grounds of race, color, creed, religion, national origin, sex, sexual orientation, age, marital status, disability, or veteran status, except where such constitutes a bona fide occupational qualification.

Furthermore, in those cases in which the Contractor is governed by such laws, the Contractor shall take affirmative action to insure that applicants are employed, and treated during employment, without regard to their race, color, creed, religion, national origin, sex, age, marital status, sexual orientation, disability, or veteran status, except where such constitutes a bona fide occupational qualification. Such action shall include, but not be limited to: advertising, hiring, promotions, layoffs or terminations, rate of pay or other forms of compensation benefits, selection for training including apprenticeship, and participation in recreational and educational activities. In all solicitations or advertisements for employees placed by them or on their behalf, the Contractor shall state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex or national origin.

The foregoing provisions shall also be binding upon any subcontractor, provided that the foregoing provision shall not apply to contracts or subcontractors for standard commercial supplies or raw materials, or to sole proprietorships with no employees.

35.2 Non-Discrimination in Client Services:

The Contractor shall not discriminate on the grounds of race, color, creed, religion, national origin, sex, age, marital status, sexual orientation, disability, or veteran status; or deny an individual or business any service or benefits under this Agreement; or subject an individual or business to segregation or separate treatment in any manner related to his/her/its receipt any service or services or other benefits provided under this Agreement; or deny an individual or business an opportunity to participate in any program provided by this Agreement.

36.1 Waiver of Noncompetition:

Contractor irrevocably waives any existing rights which it may have, by contract or otherwise, to require another person or corporation to refrain from submitting a proposal to or performing work or providing supplies to the County, and contractor further promises that it will not in the future, directly or indirectly, induce or solicit any person or corporation to refrain from submitting a bid or proposal to or from performing work or providing supplies to the County.

36.2 Conflict of Interest:

If at any time prior to commencement of, or during the term of this Agreement, Contractor or any of its employees involved in the performance of this Agreement shall have or develop an interest in the subject matter of this Agreement that is potentially in conflict with the County's interest, then Contractor shall immediately notify the County of the same. The notification of the County shall be made with sufficient specificity to enable the County to make an informed judgment as to whether or not the County's interest may be compromised in any manner by the existence of the conflict, actual or potential. Thereafter, the County may require the Contractor to take reasonable steps to remove the conflict of interest. The County may also terminate this contract according to the provisions herein for termination.

37.1 Administration of Contract:

This Agreement shall be subject to all laws, rules, and regulations of the United States of America, the State of Washington, and political subdivisions of the State of Washington. The Contractor also agrees to comply with applicable federal, state, county or municipal standards for licensing, certification and operation of facilities and programs, and accreditation and licensing of individuals.

The County hereby appoints, and the Contractor hereby accepts, the Whatcom County Executive, and his or her designee, as the County's representative, hereinafter referred to as the Administrative Officer, for the purposes of administering the provisions of this Agreement, including the County's right to receive and act on all reports and documents, and any auditing performed by the County related to this Agreement. The Administrative Officer for purposes of this agreement is:

Gary Stoyka, Natural Resources Program Manager, Public Works Department, 322 N. Commercial St., Bellingham, WA 98225

37.2 Notice:

Any notices or communications required or permitted to be given by this Contract must be (i) given in writing and (ii) personally delivered or mailed, by prepaid, certified mail or overnight courier, or transmitted by electronic mail transmission (including PDF), to the party to whom such notice or communication is directed, to the mailing address or regularly-monitored electronic mail address of such party as follows:

GSI Water Solutions, Inc.
55 SW Yamhill Street, Suite 300, Portland, OR 97204
Attention: John Porcello
Telephone: (971) 200-8523
Email: jporcello@gsiws.com

Any such notice or communication shall be deemed to have been given on (i) the day such notice or communication is personally delivered, (ii) three (3) days after such notice or communication is mailed by prepaid certified or registered mail, (iii) one (1) working day after such notice or communication is sent by overnight courier, or (iv) the day such notice or communication is sent electronically, provided that the sender has received a confirmation of such electronic transmission. A party may, for purposes of this Agreement, change his, her or its address, email address or the person to whom a notice or other communication is marked to the attention of, by giving notice of such change to the other party pursuant to this Section.

37.3 If agreed by the parties, this Contract may be executed by Email transmission and PDF signature and Email transmission and PDF signature shall constitute an original for all purposes.

38.1 Certification of Public Works Contractor's Status under State Law:

If applicable, Contractor certifies that it has fully met the responsibility criteria required of public works contractors under RCW 39.04.350 (1), which include: (a) having a certificate of registration in compliance with RCW 18.27; (b) having a current state unified business identifier number; (c) if applicable, having industrial insurance coverage for its employees working in Washington as required in Title 51 RCW, an employment security department number as required in Title 50 RCW, and a state excise tax registration number as required in Title 82 RCW; and (d) not being disqualified from bidding on any public works contract under RCW 39.06.010 or 39.12.065 (3).

38.2 Certification Regarding Federal Debarment, Suspension, Ineligibility and Voluntary Exclusion - Lower Tier Covered Transactions:

If applicable, the Contractor further certifies, by executing this contract, that neither it nor its principles is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or Agency.

The Contractor also agrees that it shall not knowingly enter into any lower tier covered transactions (a transaction between the Contractor and any other person) with a person who is proposed for debarment, debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, and the Contractor agrees to include this clause titled "Certification Regarding Federal Debarment, Suspension, Ineligibility and Voluntary Exclusion - Lower Tier Covered Transaction" without modification, in all lower tier covered transactions and in all solicitations for lower tier transactions.

The "Excluded Parties List System in the System for Award Management (SAM) website is available to research this information at WWW.SAM.GOV. Contractor shall immediately notify Whatcom County if, during the term of this Contract, Contractor becomes debarred.

38.3 E-Verify:

The E-Verify contractor program for Whatcom County applies to contracts of \$100,000 or more and sub contracts for \$25,000 or more if the primary contract is for \$100,000 or more. If applicable, Contractor represents and warrants that it will, for at least the duration of this contract, register and participate in the status verification system for all newly hired employees. The term "employee" as used herein means any person that is hired to perform work for Whatcom County. As used herein, "status verification system" means the Illegal Immigration Reform and Immigration Responsibility Act of 1996 that is operated by the United States Department of Homeland Security, also known as the E-Verify Program, or any other successor electronic verification system replacing the E-Verify Program. Contractor/Seller agrees to maintain records of such compliance and, upon request of the County, to provide a copy of each such verification to the County. Contractor/Seller further represents and warrants that any person assigned to perform services hereunder meets the employment eligibility requirements of all immigration laws of the State of Washington. Contractor/Seller understands and agrees that any breach of these warranties may subject Contractor/Seller to the following: (a) termination of this Agreement and ineligibility for any Whatcom County contract for up to three (3) years, with notice of such cancellation/termination being made public. In the event of such termination/cancellation, Contractor/Seller would also be liable for any additional costs incurred by the County due to contract cancellation or loss of license or permit." Contractor will review and enroll in the E-Verify program through this website: www.uscis.gov

Series 40-49: Provisions Related to Interpretation of Agreement and Resolution of Disputes

40.1 Modifications:

Either party may request changes in the Agreement. Any and all agreed modifications, to be valid and binding upon either party, shall be in writing and signed by both of the parties.

Contract for Services
GSI Water Solutions, Inc.

40.2 Contractor Commitments, Warranties and Representations:

Any written commitment received from the Contractor concerning this Agreement shall be binding upon the Contractor, unless otherwise specifically provided herein with reference to this paragraph. Failure of the Contractor to fulfill such a commitment shall render the Contractor liable for damages to the County. A commitment includes, but is not limited to, any representation made prior to execution of this Agreement, whether or not incorporated elsewhere herein by reference, as to performance of services or equipment, prices or options for future acquisition to remain in effect for a fixed period, or warranties.

41.1 Severability:

If any term or condition of this contract or the application thereof to any person(s) or circumstances is held invalid, such invalidity shall not affect other terms, conditions or applications which can be given effect without the invalid term, condition or application. To this end, the terms and conditions of this contract are declared severable.

41.2 Waiver:

Waiver of any breach or condition of this contract shall not be deemed a waiver of any prior or subsequent breach. No term or condition of this contract shall be held to be waived, modified or deleted except by an instrument, in writing, signed by the parties hereto. The failure of the County to insist upon strict performance of any of the covenants and agreements of this Agreement, or to exercise any option herein conferred in any one or more instances, shall not be construed to be a waiver or relinquishment of any such, or any other covenants or agreements, but the same shall be and remain in full force and effect.

42.1 Disputes:

a. General:

Differences between the Contractor and the County, arising under and by virtue of the Contract Documents, shall be brought to the attention of the County at the earliest possible time in order that such matters may be settled or other appropriate action promptly taken. Except for such objections as are made of record in the manner hereinafter specified and within the time limits stated, the records, orders, rulings, instructions, and decisions of the Administrative Officer shall be final and conclusive.

b. Notice of Potential Claims:

The Contractor shall not be entitled to additional compensation which otherwise may be payable, or to extension of time for (1) any act or failure to act by the Administrative Officer or the County, or (2) the happening of any event or occurrence, unless the Contractor has given the County a written Notice of Potential Claim within ten (10) days of the commencement of the act, failure, or event giving rise to the claim, and before final payment by the County. The written Notice of Potential Claim shall set forth the reasons for which the Contractor believes additional compensation or extension of time is due, the nature of the cost involved, and insofar as possible, the amount of the potential claim. Contractor shall keep full and complete daily records of the work performed, labor and material used, and all costs and additional time claimed to be additional.

c. Detailed Claim:

The Contractor shall not be entitled to claim any such additional compensation, or extension of time, unless within thirty (30) days of the accomplishment of the portion of the work from which the claim arose, and before final payment by the County, the Contractor has given the County a detailed written statement of each element of cost or other compensation requested and of all elements of additional time required, and copies of any supporting documents evidencing the amount or the extension of time claimed to be due.

d. Arbitration:

Other than claims for injunctive relief, temporary restraining order, or other provisional remedy to preserve the status quo or prevent irreparable harm, brought by a party hereto (which may be brought either in court or pursuant to this arbitration provision), and consistent with the provisions hereinabove, any claim, dispute or controversy between the parties under, arising out of, or related to this Contract or otherwise, including issues of specific performance, shall be determined by arbitration in Bellingham, Washington, under the applicable American Arbitration Association (AAA) rules in effect on the date hereof, as modified by this Agreement. There shall be one arbitrator selected by the parties within ten (10) days of the arbitration demand, or if not, by the AAA or any other group having similar credentials. Any issue about whether a claim is covered by this Contract shall be determined by the arbitrator. The arbitrator shall apply substantive law and may award injunctive relief, equitable relief (including specific performance), or any other remedy available from a judge but shall not have the power to award punitive damages. Each Party shall pay all their own costs, attorney fees and expenses of arbitration and the parties shall share equally in the Arbitrator's fees and costs. The decision of the arbitrator shall be final and binding and an order confirming the award or judgment upon the award may be entered in any court having jurisdiction. The parties agree that the decision of the arbitrator shall be the sole and exclusive remedy between them regarding any dispute presented or pled before the arbitrator. At the request of either party made not later than forty-five (45) days after the arbitration demand, the parties agree to submit the dispute to nonbinding mediation, which shall not delay the arbitration hearing date; provided, that either party may decline to mediate and proceed with arbitration.

Any arbitration proceeding commenced to enforce or interpret this Contract shall be brought within six years after the initial occurrence giving rise to the claim, dispute, or issue for which arbitration is commenced, regardless of the date of discovery or whether the claim, dispute, or issue was continuing in nature. Claims, disputes, or issues arising more than six years prior to a written request or demand for arbitration issued under this Contract are not subject to arbitration.

- e. The parties may agree in writing signed by both parties that a claim or dispute may be brought in Whatcom County Superior Court rather than mediation or arbitration.

Unless otherwise specified herein, this Contract shall be governed by the laws of Whatcom County and the State of Washington.

43.1 Venue and Choice of Law:

In the event that any litigation should arise concerning the construction or interpretation of any of the terms of this Agreement, the venue of such action of litigation shall be in the courts of the State of Washington in and for the County of Whatcom. This Agreement shall be governed by the laws of the State of Washington.

44.1 Survival:

The provisions of paragraphs 11.1, 11.2, 11.3, 21.1, 22.1, 30.1, 31.1, 31.2, 32.1, 33.1, 34.2, 34.3, 36.1, 40.2, 41.2, 42.1, and 43.1, if utilized, shall survive, notwithstanding the termination or invalidity of this Agreement for any reason.

45.1 Entire Agreement:

This written Agreement, comprised of the writings signed or otherwise identified and attached hereto, represents the entire Agreement between the parties and supersedes any prior oral statements, discussions or understandings between the parties.

EXHIBIT "A"
(SCOPE OF WORK)

Project Objectives

The County and its project team (herein referred to as the client team) have developed an initial working groundwater flow model in both a steady-state (SS) simulation mode and a seasonal-average-transient (SAT) simulation mode. The client team has developed the model to facilitate watershed planning and to provide a regional model that can be the platform for evaluating specific projects and management actions in the study area. The client team envisions that most uses of the model will focus primarily on evaluating groundwater/surface water interactions and exchanges, including interactions with the primary rivers in the study area, their tributaries, agricultural drainage systems, and surface recharge projects that are under consideration within the study area. The groundwater flow simulation is conducted using the MODFLOW-OWHM software, and the model is loosely coupled to software (Topnet-WM) that simulates streamflow and land surface processes and which provides recharge estimates to the groundwater flow model.

The primary objective for the peer review is to provide the client team with a comprehensive independent assessment of the regional model's readiness for its intended uses and applications—both from a technical perspective and with regards to usability for stakeholders who collectively have a range of experiences and familiarity with hydrogeology and the use of modeling software. The review process will focus primarily on the groundwater flow model itself, but will also consider its consistency with the conceptual model and its coupling with the existing Topnet-WM surface water model for the study area. The review will be conducted to help the client team understand the status, capabilities, and limitations of the groundwater model in its current form; its overall readiness for its intended uses; and whether changes, improvements, or enhancements should be considered before the model is used for watershed management decision-making, planning efforts or project-specific planning, design, and operational studies. This effort will comprise Phase 1 of the project and will be conducted with the goal of developing recommendations that are sufficient to help inform (but not define) next steps (if any) for consideration by the client team. It is anticipated that a Phase 2 project effort may be conducted in the future (under a separate scope of work) to provide a graphical user interface capability and other model enhancement services that might be requested by the client team after completion of Phase 1.

Approach

The review will consider both the model's technical attributes and its usability.

- **Review of Technical Attributes.** The review of the model's technical attributes will focus on the client team's need to understand the model's use, application, and reliability as a watershed management decision-making tool, and to provide clarity on the questions that can be addressed by the outputs from the existing model or an improved version of the model. This aspect of the review will focus on the model's consistency with the conceptual model, its calibration quality, the need (if any) for further testing, and the types of changes (if any) to its spatial and temporal resolution that are needed considering its future intended uses. This portion of the review will include consideration of industry standards and common practices that are currently used in constructing and calibrating numerical groundwater flow models.
- **Review of Model Usability.** This aspect of the review will examine the client team's questions about whether new supporting tools are needed to (1) allow for efficiently making changes to hydrologic variables and surface and groundwater uses during model applications and (2) make the model practical for use by stakeholders with a range of skills in hydrogeology and groundwater modeling. The review will be conducted by John Porcello (GSI Water Solutions), Jim Rumbaugh (ESI), and Dr. Sorab Panday (GSI Environmental). John Porcello is a Washington Licensed Hydrogeologist (LHG) who will serve as the project manager and will lead the conceptual model review and documentation of the review (in the form of a presentation and a report). Jim Rumbaugh will focus on groundwater model review, including evaluating the

model's calibration quality and readiness with respect to industry standards and common practices. Jim will also evaluate methods for using the model with existing graphical user interfaces, including identifying enhancements that can enhance model usability. Sorab Panday will focus on evaluating the numerical simulation methods and techniques that are used in the groundwater model itself, and will also evaluate the model's coupling with the Topnet-WM model in terms of its technical consistency and its usefulness for future applications in project-specific studies and watershed planning efforts. The work will be conducted in three discrete tasks which are described in the scope of work below.

Scope of Work

Task 1 – Project Management

GSI will manage the project. Task 1 consists of managing the scope, schedule, and budget, and periodically communicating with the County's project manager. GSI will prepare a succinct narrative and project budget status on a monthly basis to accompany each monthly project invoice.

The County will act as the project coordinator, including coordinating the involvement of the client team's other project stakeholders, as appropriate, to engage in reviews, presentations, and meetings. During the course of conducting the core project activities (under Tasks 2 and 3), GSI will provide the County with support in the form of (1) developing (with County input) documents and meeting materials, (2) helping the County lead client team meetings, and (3) documenting, tracking, and incorporating the comments and input received from the client team into documents generated during Phase 1 of the project.

Task 2 – Model Peer Review

Task 2 activities will involve compiling and reviewing electronic files, conducting a preliminary review, identifying objectives and anticipated uses for the model with the client team, conducting the core in-depth technical review of the existing model, and holding a meeting with the client team to present the findings of the review and discuss a preliminary set of recommendations for further analysis and/or modifications to the model.

Subtask 2.1 – Obtain and Review Electronic Files

Model input files, geographic information system (GIS) files, and database files will be obtained from the County and reviewed for their overall structure and setup. Jim Rumbaugh/ESI will work with the consultant who developed the groundwater flow model (S.S. Papadopoulos & Associates [SSPA]) to obtain reformatted input files for the streamflow routing (SFR) package that is used by MODFLOW-OWHM, for the existing SS and SAT simulations. The revised SFR files and other MODFLOW-OWHM input files will be imported into Groundwater Vistas to facilitate the remainder of the peer review team's work, including running the model in other more widely-known versions of MODFLOW (MODFLOW-NWT and MODFLOW-USG).

Subtask 2.2 – Preliminary Review

A first-pass look at the model will be conducted to develop impressions and questions for discussion with the County at an early stage of review. This effort will include periodic communication with the lead personnel at Associated Earth Sciences, Inc. (AESI) and SSPA who developed the models and their loose coupling. We will discuss with the AESI/SSPA team (1) the methods for incorporating and linking land-use processes and aerial recharge terms generated by the Topnet-WM model and other available tools, and (2) the loose coupling of MODFLOW results to Topnet-WM for evaluating streamflow.

Subtask 2.3 – Objectives and Anticipated Uses

After conducting the initial review under Subtask 2.2, the GSI team will work with the client team to develop a document identifying the future anticipated model uses and their relationship to the objectives for the simulation capabilities for land surface processes, groundwater/surface water interactions, and groundwater flow processes. This stakeholder engagement work will consist of the following activities:

- GSI will work with the County to prepare a draft document outlining the current understanding of WRIA modeling objectives. GSI will prepare an initial draft document for the County's review, followed by a revised draft document that will be sent to the client team members for their review.

- An online meeting lasting 2 hours will be held approximately two weeks later with the client team to obtain and discuss their input on the draft document, and to present our initial impressions of the model based on the preliminary review conducted under Subtask 2.2.
- GSI will prepare a revised draft version of the document based on input received in writing and during the meeting from the client team. This will include documentation of the client team member comments and how each comment is addressed in the revised draft document. This revised draft document will be sent to client team members for another round of review.
- A second online meeting lasting 2 hours will be held with the client team members to obtain their input on the revised draft document.
- GSI will finalize the document based on the input from this second meeting.

It is assumed that meetings will be scheduled and coordinated by the County. GSI will lead each meeting with assistance from the County. GSI will lead the document preparation work, and the tracking of, reconciliation of, and responses to comments and input from members of the client team. If further reengagement with the client team becomes necessary beyond the steps described above under this subtask, then GSI will coordinate with the County on the reengagement effort (to obtain follow-up input or to address any conflicting comments).

Subtask 2.4 – Detailed Technical Peer Review

An in-depth review will be conducted that focuses on the SS and SAT simulations in MODFLOW, with a more modest level of review of the supporting data, conceptual model, and Topnet-WM model as deemed appropriate during review of the MODFLOW simulations. Areas of emphasis will include:

- The adequacy of the temporal resolution in the SAT simulation, particularly with respect to simulating groundwater/surface water exchanges (which we understand to be a primary focus of future model simulations)
 - The spatial and vertical resolution, including consideration of (1) the layering that will best facilitate future simulations of water exchanges between groundwater, streams, and drainage systems and (2) the spatial resolution that will allow groundwater management decisions to be made at multiple scales ranging from individual wells/wellfields/land parcels to the region-wide or sub-regional scales
 - The basis for the areal recharge terms that are used in the MODFLOW simulation
 - The types of boundary conditions that are used to represent groundwater inflow and outflow processes, and the manner in which they are implemented numerically in the MODFLOW simulation
 - The calibration quality of the model, including the calibration results, the methods of evaluating calibration quality, the degree of spatial bias geographically and by layer, the adequacy of the data sets that support the calibration process, and the consistency of the calibration (i.e., the calibrated values for aquifer and stream parameters) and the simulated water budgets with the understanding of the aquifer and aquitard systems that are described in the conceptual model report for the study area
 - The overall condition of the model's construction and calibration with respect to industry standards and generally accepted practices in the groundwater modeling industry, including identification of further testing (e.g., sensitivity analyses) and/or other modifications that would be warranted to better meet these standards and practices
 - The numerical performance of the groundwater flow model itself, including how this might be enhanced by using more widely-supported versions of MODFLOW that provide greater user control over the solution techniques and can improve model run-times and numerical convergence
 - The ease of use of the groundwater flow model and the tools that support information exchange related to land use processes and groundwater/surface water interactions
 - The need for and opportunities for development of a more fully integrated surface water and groundwater model, with a specific focus on recommendations for maintaining or improving the coupling with Topnet-WM or with a different model

This review effort will include a meeting with AESI and SSPA to review and obtain their input on an initial draft list of comments, which we will then update in preparation for the work to be conducted under Subtask 2.5.

Subtask 2.5 – Recommendations and Presentation

The peer review team will develop recommendations for improvements it identifies (if any) to (1) the model's representation of hydrologic processes in the land, surface water, and groundwater systems at appropriate scales to meet objectives, (2) the model's ease of use, and (3) activities that should be considered for long-term management and maintenance of the model and for its usefulness as a source/repository for data and knowledge about the regional groundwater system. As part of developing its recommendations, the peer review team will evaluate other codes and graphical user interfaces that might warrant consideration to improve the model's simulation capability, performance, and/or ease of use – including evaluations of other versions of MODFLOW and other surface water simulation tools that are widely known and used (such as PRMS) or are currently of interest to local stakeholders (such as GSFLOW, DHSVM, and VELMA).

The peer review team will prepare a presentation summarizing the findings of the review and containing a list of model improvement recommendations for discussion with the County. A 2-hour online meeting will be held with the County to present, discuss, and obtain County feedback on this material, and to discuss the reporting needs for Phase 1 of this review effort.

Task 3 – Report

A draft technical memorandum will be prepared and submitted to the County after work under Task 2 has been completed. A final version of the technical memorandum will be prepared after receipt of comments from the County, and will be stamped by John Porcello, a Washington licensed hydrogeologist. A 2-hour online meeting will be held with the client team to obtain comments on the draft technical memorandum. The final report will document the comments received, the responses to the comments, and the resulting changes that are made to the document as it is finalized.

Schedule

The following anticipated project schedule provides an estimate for the durations and time frames under which the peer review team currently anticipates conducting its work. This schedule assumes that the contract will be finalized on or before December 11, 2020.

Anticipated Project Schedule		
Event	Duration	Anticipated Dates
Notice to Proceed		December 11, 2020
Task 1 - Project Management	23 weeks	December 14, 2020 - May 21, 2021
Task 2 - Model Peer Review	16 weeks	December 14, 2020 - April 2, 2021
Subtask 2.1 - Obtain/Review Electronic Files	4 weeks	December 14, 2020 - January 8, 2021
Subtask 2.2 - Preliminary Review	5 weeks	December 14, 2020 - January 15, 2021
Subtask 2.3 - Objectives and Anticipated Uses	16 weeks	December 14, 2020 - April 2, 2021
Develop initial draft document	4 weeks	December 14, 2020 - January 8, 2021
County review	2 weeks	January 11-22, 2021
Address comments, revise document, transmit first review draft to client team	1 week	January 25-29, 2021
Review period for client team	2 weeks	February 1-12, 2021
Meeting with client team	1 week	Week of February 15-19, 2021
Address comments, revise document, transmit second review draft to client team	2 weeks	February 22 - March 5, 2021
Review period for client team	1 week	March 8-12, 2021
Meeting with client team	1 week	Week of March 15-19, 2021
Address comments, revise and finalize document, transmit to client team	2 weeks	March 22 - April 2, 2021
Subtask 2.4 - Detailed Technical Peer Review	2 weeks	January 18, 2021 - February 12, 2021
Subtask 2.5 - Recommendations and Presentation	2 weeks	February 15, 2021 - March 19, 2021
• Presentation to client team (coincides with second meeting under Subtask 2.3)	1 week	Week of March 15-19, 2021
Task 3 - Report	14 weeks	February 15, 2021 - May 21, 2021
Subtask 3.1 - Draft Report	10 weeks	February 15, 2021 - April 23, 2021
Prepare draft report	4 weeks	February 15 - March 12, 2021
County review	2 weeks	March 15-26, 2021
Address comments, revise document, transmit review draft to client team	1 week	March 29 - April 2, 2021
Client team review period	2 weeks	April 5-16, 2021
Meeting with client team	1 week	Week of April 19-23, 2021
Subtask 3.2 - Final Report	4 weeks	April 26, 2021 - May 21, 2021

EXHIBIT "B"
(COMPENSATION)

As consideration for the services provided pursuant to Exhibit A. Scope of work, the County agrees to compensate the Contractor according to the hourly rates provided (below). Other reasonable expenses incurred in the course of performing the duties herein shall be reimbursed. Other expenditures such as printing, postage, telephone charges, and outreach supplies shall be reimbursed at actual cost plus 10%. Charges for subconsultant (outside) services shall be reimbursed at actual cost plus 6.5%.

Contractor will invoice monthly. Invoices will include hours work by employee by day together with tasks accomplished. Requests for reimbursement of expenses must be accompanied by copies of paid invoices itemizing costs incurred. Costs of alcoholic beverages are not eligible for reimbursement. **Compensation shall not exceed \$103,700.** Any work performed prior to the effective date of this contract or continuing after the completion date of the same unless otherwise agreed upon in writing, will be at the contractor's expense.

Tasks	GSI Labor Hours	GSI Labor Cost	Outside Services	GSI Direct Expenses	Total
Task 1 – Project Management	27	\$4,700	\$2,800	\$0	\$7,500
Task 2 – Model Peer Review	82	\$17,600	\$47,800	\$0	\$65,400
Task 3 - Report	77	\$15,500	\$15,300	\$0	\$30,800
Project Totals	186	\$37,800	\$65,900	\$0	\$103,700

Hourly Rates of Key Personnel

Hourly rates for the three personnel conducting the peer review work are as follows.

Team Member	Rate
John Porcello, Principal, GSI Water Solutions	\$215
Jim Rumbaugh, Owner, Environmental Simulations	\$150
Sorab Panday, Principal, GSI Environmental	\$285



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

11/20/2020

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Dealey, Renton & Associates P. O. Box 12675 Oakland, CA 94604-2675 License #0020739	CONTACT NAME: PHONE (A/C, No, Ext): 510-465-3090 FAX (A/C, No): 510-452-2193 E-MAIL ADDRESS: Certificates@Dealeyrenton.com														
	<table border="1"> <thead> <tr> <th>INSURER(S) AFFORDING COVERAGE</th> <th>NAIC #</th> </tr> </thead> <tbody> <tr> <td>INSURER A : Hartford Accident and Indemnity Company</td> <td>22357</td> </tr> <tr> <td>INSURER B : Crum & Forster Specialty Insurance Company</td> <td>44520</td> </tr> <tr> <td>INSURER C : Sentinel Insurance Company</td> <td>11000</td> </tr> <tr> <td>INSURER D :</td> <td></td> </tr> <tr> <td>INSURER E :</td> <td></td> </tr> <tr> <td>INSURER F :</td> <td></td> </tr> </tbody> </table>		INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A : Hartford Accident and Indemnity Company	22357	INSURER B : Crum & Forster Specialty Insurance Company	44520	INSURER C : Sentinel Insurance Company	11000	INSURER D :		INSURER E :		INSURER F :
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INSURED Groundwater Solutions, Inc. dba GSI Water Solutions, Inc. 55 SW Yamhill Street, Suite 300 Portland, OR 97204	GROUSOL-03														

COVERAGES **CERTIFICATE NUMBER: 1434740318** **REVISION NUMBER:**

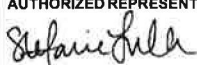
THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
C	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> WA Stop Gap GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:	Y	Y	72SBWAR6619	11/1/2020	11/1/2021	EACH OCCURRENCE \$ 2,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 50,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 2,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 \$
A	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> SCHEDULED AUTOS NON-OWNED AUTOS ONLY <input type="checkbox"/> UMBRELLA LIAB <input type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input type="checkbox"/> RETENTION \$	Y	Y	72UECVK6212	11/1/2020	11/1/2021	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$ EACH OCCURRENCE \$ AGGREGATE \$ \$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below						PER STATUTE OTH-ER E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$
B	Professional & Contractors Pollution Liability			EPK132775	11/1/2020	11/1/2021	Per Claim \$1,000,000 Annual Aggregate \$2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
 GSI Project #0884.001 - LENS Groundwater Model Review

Whatcom County, its departments, elected and appointed officials, employees, agents and volunteers is an additional insured as respects general liability or as endorsed to the applicable policy and attached to this certificate. Waiver or Subrogation, Primary and Non-contributory, and Severability of interest coverage applies as endorsed to each applicable policy and attached to this certificate. Additional Insured status does not apply to the professional liability policy.

CERTIFICATE HOLDER**CANCELLATION 30 Day Notice of Cancellation**

Whatcom County Attn: Gary Stoyka 311 Grand Ave. Bellingham WA 98225	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE 
--	---

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THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED – OWNERS, LESSEES OR CONTRACTORS

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART
CONTRACTORS POLLUTION LIABILITY COVERAGE PART

SCHEDULE

Name Of Additional Insured Person(s) or Organization(s)
Blanket when specifically required in a written contract with the named insured.

SECTION III – WHO IS AN INSURED within the Common Provisions is amended to include as an additional insured the person(s) or organization(s) indicated in the Schedule shown above, but only with respect to liability caused, in whole or in part, by "your work" for that insured which is performed by you or by those acting on your behalf.

ALL OTHER TERMS AND CONDITIONS OF THE POLICY REMAIN UNCHANGED.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

**ADDITIONAL INSURED – OWNERS, LESSEES OR CONTRACTORS –
COMPLETED OPERATIONS**

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

Name of Additional Person(s) or Organization(s):	Location And Description Of Completed Operations
Blanket when specifically required in a written contract with the named insured.	
Information required to complete this Schedule, if not shown above, will be shown in the Declarations.	

A. Section III – Who Is An Insured within the Common Provisions is amended to include as an insured the person(s) or organization(s) shown in the Schedule, but only with respect to liability for “bodily injury” or “property damage” caused, in whole or in part, by “your work” at the location designated and described in the schedule of this endorsement performed for that additional insured and included in the “products-completed operations hazard”.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

**PRIMARY AND NON-CONTRIBUTORY ADDITIONAL INSURED
WITH WAIVER OF SUBROGATION**

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART
CONTRACTORS POLLUTION LIABILITY COVERAGE PART
ERRORS AND OMISSIONS LIABILITY COVERAGE PART
THIRD PARTY POLLUTION LIABILITY COVERAGE PART

SCHEDULE

Name of Additional Insured Person(s) or Organization(s)
Blanket when specifically required in a written contract with the named insured

- A. **SECTION III – WHO IS AN INSURED** within the Common Provisions is amended to include as an additional insured the person(s) or organization(s) indicated in the Schedule shown above, but solely with respect to “claims” caused in whole or in part, by “your work” for that person or organization performed by you, or by those acting on your behalf.
This insurance shall be primary and non-contributory, but only in the event of a named insured’s sole negligence.
- B. We waive any right of recovery we may have against the person(s) or organization(s) indicated in the Schedule shown above because of payments we make for “damages” arising out of “your work” performed under a designated project or contract with that person(s) or organization(s).
- C. This Endorsement does not reinstate or increase the Limits of Insurance applicable to any “claim” to which the coverage afforded by this Endorsement applies.

ALL OTHER TERMS AND CONDITIONS OF THE POLICY REMAIN UNCHANGED.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

COMMERCIAL AUTOMOBILE BROAD FORM ENDORSEMENT

This endorsement modifies insurance provided under the following:

BUSINESS AUTO COVERAGE FORM

To the extent that the provisions of this endorsement provide broader benefits to the "insured" than other provisions of the Coverage Form, the provisions of this endorsement apply.

1. BROAD FORM INSURED

A. Subsidiaries and Newly Acquired or Formed Organizations

The Named Insured shown in the Declarations is amended to include:

- (1) Any legal business entity other than a partnership or joint venture, formed as a subsidiary in which you have an ownership interest of more than 50% on the effective date of the Coverage Form. However, the Named Insured does not include any subsidiary that is an "insured" under any other automobile policy or would be an "insured" under such a policy but for its termination or the exhaustion of its Limit of Insurance.
- (2) Any organization that is acquired or formed by you and over which you maintain majority ownership. However, the Named Insured does not include any newly formed or acquired organization:
 - (a) That is a partnership or joint venture,
 - (b) That is an "insured" under any other policy,
 - (c) That has exhausted its Limit of Insurance under any other policy, or
 - (d) 180 days or more after its acquisition or formation by you, unless you have given us notice of the acquisition or formation.

Coverage does not apply to "bodily injury" or "property damage" that results from an "accident" that occurred before you formed or acquired the organization.

B. Employees as Insureds

Paragraph A.1. - WHO IS AN INSURED - of SECTION II - LIABILITY COVERAGE is amended to add:

- d. Any "employee" of yours while using a covered "auto" you don't own, hire or borrow in your business or your personal affairs.

C. Lessors as Insureds

Paragraph A.1. - WHO IS AN INSURED - of Section II - Liability Coverage is amended to add:

- e. The lessor of a covered "auto" while the "auto" is leased to you under a written agreement if:
 - (1) The agreement requires you to provide direct primary insurance for the lessor and
 - (2) The "auto" is leased without a driver.

Such a leased "auto" will be considered a covered "auto" you own and not a covered "auto" you hire.

D. Additional Insured if Required by Contract

- (1) Paragraph A.1. - WHO IS AN INSURED - of Section II - Liability Coverage is amended to add:
 - f. When you have agreed, in a written contract or written agreement, that a person or organization be added as an additional insured on your business auto policy, such person or organization is an "insured", but only to the extent such person or organization is liable for "bodily injury" or "property damage" caused by the conduct of an "insured" under paragraphs a. or b. of Who Is An Insured with regard to the ownership, maintenance or use of a covered "auto."

The insurance afforded to any such additional insured applies only if the "bodily injury" or "property damage" occurs:

- (1) During the policy period, and
- (2) Subsequent to the execution of such written contract, and
- (3) Prior to the expiration of the period of time that the written contract requires such insurance be provided to the additional insured.

(2) How Limits Apply

If you have agreed in a written contract or written agreement that another person or organization be added as an additional insured on your policy, the most we will pay on behalf of such additional insured is the lesser of:

- (a) The limits of insurance specified in the written contract or written agreement; or
- (b) The Limits of Insurance shown in the Declarations.

Such amount shall be a part of and not in addition to Limits of Insurance shown in the Declarations and described in this Section.

(3) Additional Insureds Other Insurance

If we cover a claim or "suit" under this Coverage Part that may also be covered by other insurance available to an additional insured, such additional insured must submit such claim or "suit" to the other insurer for defense and indemnity.

However, this provision does not apply to the extent that you have agreed in a written contract or written agreement that this insurance is primary and non-contributory with the additional insured's own insurance.

(4) Duties in The Event Of Accident, Claim, Suit or Loss

If you have agreed in a written contract or written agreement that another person or organization be added as an additional insured on your policy, the additional insured shall be required to comply with the provisions in LOSS CONDITIONS 2. - DUTIES IN THE EVENT OF ACCIDENT, CLAIM , SUIT OR LOSS – OF SECTION IV – BUSINESS AUTO CONDITIONS, in the same manner as the Named Insured.

E. Primary and Non-Contributory if Required by Contract

Only with respect to insurance provided to an additional insured in 1.D. - Additional Insured If Required by Contract, the following provisions apply:

(3) Primary Insurance When Required By Contract

This insurance is primary if you have agreed in a written contract or written agreement that this insurance be primary. If other insurance is also primary, we will share with all that other insurance by the method described in Other Insurance 5.d.

(4) Primary And Non-Contributory To Other Insurance When Required By Contract

If you have agreed in a written contract or written agreement that this insurance is primary and non-contributory with the additional insured's own insurance, this insurance is primary and we will not seek contribution from that other insurance.

Paragraphs (3) and (4) do not apply to other insurance to which the additional insured has been added as an additional insured.

When this insurance is excess, we will have no duty to defend the insured against any "suit" if any other insurer has a duty to defend the insured against that "suit". If no other insurer defends, we will undertake to do so, but we will be entitled to the insured's rights against all those other insurers.

When this insurance is excess over other insurance, we will pay only our share of the amount of the loss, if any, that exceeds the sum of:

- (1) The total amount that all such other insurance would pay for the loss in the absence of this insurance; and
- (2) The total of all deductible and self-insured amounts under all that other insurance.

We will share the remaining loss, if any, by the method described in Other Insurance 5.d.

2. AUTOS RENTED BY EMPLOYEES

Any "auto" hired or rented by your "employee" on your behalf and at your direction will be considered an "auto" you hire.

The OTHER INSURANCE Condition is amended by adding the following:

If an "employee's" personal insurance also applies on an excess basis to a covered "auto" hired or rented by your "employee" on your behalf and at your direction, this insurance will be primary to the "employee's" personal insurance.

3. AMENDED FELLOW EMPLOYEE EXCLUSION

EXCLUSION 5. - FELLOW EMPLOYEE - of SECTION II - LIABILITY COVERAGE does not apply if you have workers' compensation insurance in-force covering all of your "employees".

Coverage is excess over any other collectible insurance.

4. HIRED AUTO PHYSICAL DAMAGE COVERAGE

If hired "autos" are covered "autos" for Liability Coverage and if Comprehensive, Specified Causes of Loss, or Collision coverages are provided under this Coverage Form for any "auto" you own, then the Physical Damage Coverages provided are extended to "autos" you hire or borrow, subject to the following limit.

The most we will pay for "loss" to any hired "auto" is:

- (1) \$100,000;
- (2) The actual cash value of the damaged or stolen property at the time of the "loss"; or
- (3) The cost of repairing or replacing the damaged or stolen property,

whichever is smallest, minus a deductible. The deductible will be equal to the largest deductible applicable to any owned "auto" for that coverage. No deductible applies to "loss" caused by fire or lightning. Hired Auto Physical Damage coverage is excess over any other collectible insurance. Subject to the above limit, deductible and excess provisions, we will provide coverage equal to the broadest coverage applicable to any covered "auto" you own.

We will also cover loss of use of the hired "auto" if it results from an "accident", you are legally liable and the lessor incurs an actual financial loss, subject to a maximum of \$1000 per "accident".

This extension of coverage does not apply to any "auto" you hire or borrow from any of your "employees", partners (if you are a partnership), members (if you are a limited liability company), or members of their households.

5. PHYSICAL DAMAGE - ADDITIONAL TEMPORARY TRANSPORTATION EXPENSE COVERAGE

Paragraph A.4.a. of SECTION III - PHYSICAL DAMAGE COVERAGE is amended to provide a limit of \$50 per day and a maximum limit of \$1,000.

6. LOAN/LEASE GAP COVERAGE

Under SECTION III - PHYSICAL DAMAGE COVERAGE, in the event of a total "loss" to a covered "auto", we will pay your additional legal obligation for any difference between the actual cash value of the "auto" at the time of the "loss" and the "outstanding balance" of the loan/lease.

"Outstanding balance" means the amount you owe on the loan/lease at the time of "loss" less any amounts representing taxes; overdue payments; penalties, interest or charges resulting from overdue payments; additional mileage charges; excess wear and tear charges; lease termination fees; security deposits not returned by the lessor; costs for extended warranties, credit life Insurance, health, accident or disability insurance purchased with the loan or lease; and carry-over balances from previous loans or leases.

7. AIRBAG COVERAGE

Under Paragraph B. EXCLUSIONS - of SECTION III - PHYSICAL DAMAGE COVERAGE, the following is added:

The exclusion relating to mechanical breakdown does not apply to the accidental discharge of an airbag.

8. ELECTRONIC EQUIPMENT - BROADENED COVERAGE

a. The exceptions to Paragraphs B.4 - EXCLUSIONS - of SECTION III - PHYSICAL DAMAGE COVERAGE are replaced by the following:

Exclusions 4.c. and 4.d. do not apply to equipment designed to be operated solely by use of the power from the "auto's" electrical system that, at the time of "loss", is:

- (1) Permanently installed in or upon the covered "auto";
- (2) Removable from a housing unit which is permanently installed in or upon the covered "auto";
- (3) An integral part of the same unit housing any electronic equipment described in Paragraphs (1) and (2) above; or

- (4) Necessary for the normal operation of the covered "auto" or the monitoring of the covered "auto's" operating system.

b. Section III – Version CA 00 01 03 10 of the Business Auto Coverage Form, Physical Damage Coverage, Limit of Insurance, Paragraph C.2 and Version CA 00 01 10 01 of the Business Auto Coverage Form, Physical Damage Coverage, Limit of Insurance, Paragraph C are each amended to add the following:

\$1,500 is the most we will pay for "loss" in any one "accident" to all electronic equipment (other than equipment designed solely for the reproduction of sound, and accessories used with such equipment) that reproduces, receives or transmits audio, visual or data signals which, at the time of "loss", is:

- (1) Permanently installed in or upon the covered "auto" in a housing, opening or other location that is not normally used by the "auto" manufacturer for the installation of such equipment;
- (2) Removable from a permanently installed housing unit as described in Paragraph 2.a. above or is an integral part of that equipment; or
- (3) An integral part of such equipment.

c. For each covered "auto", should loss be limited to electronic equipment only, our obligation to pay for, repair, return or replace damaged or stolen electronic equipment will be reduced by the applicable deductible shown in the Declarations, or \$250, whichever deductible is less.

9. EXTRA EXPENSE - BROADENED COVERAGE

Under Paragraph A. - COVERAGE - of SECTION III - PHYSICAL DAMAGE COVERAGE, we will pay for the expense of returning a stolen covered "auto" to you.

10. GLASS REPAIR - WAIVER OF DEDUCTIBLE

Under Paragraph D. - DEDUCTIBLE - of SECTION III - PHYSICAL DAMAGE COVERAGE, the following is added:

No deductible applies to glass damage if the glass is repaired rather than replaced.

11. TWO OR MORE DEDUCTIBLES

Under Paragraph D. - DEDUCTIBLE - of SECTION III - PHYSICAL DAMAGE COVERAGE, the following is added:

If another Hartford Financial Services Group, Inc. company policy or coverage form that is not an automobile policy or coverage form applies to the same "accident", the following applies:

- (1) If the deductible under this Business Auto Coverage Form is the smaller (or smallest) deductible, it will be waived;
- (2) If the deductible under this Business Auto Coverage Form is not the smaller (or smallest) deductible, it will be reduced by the amount of the smaller (or smallest) deductible.

12. AMENDED DUTIES IN THE EVENT OF ACCIDENT, CLAIM, SUIT OR LOSS

The requirement in LOSS CONDITIONS 2.a. - DUTIES IN THE EVENT OF ACCIDENT, CLAIM, SUIT OR LOSS - of SECTION IV - BUSINESS AUTO CONDITIONS that you must notify us of an "accident" applies only when the "accident" is known to:

- (1) You, if you are an individual;
- (2) A partner, if you are a partnership;
- (3) A member, if you are a limited liability company; or
- (4) An executive officer or insurance manager, if you are a corporation.

13. UNINTENTIONAL FAILURE TO DISCLOSE HAZARDS

If you unintentionally fail to disclose any hazards existing at the inception date of your policy, we will not deny coverage under this Coverage Form because of such failure.

14. HIRED AUTO - COVERAGE TERRITORY

Paragraph e. of GENERAL CONDITIONS 7. - POLICY PERIOD, COVERAGE TERRITORY - of SECTION IV - BUSINESS AUTO CONDITIONS is replaced by the following:

- e. For short-term hired "autos", the coverage territory with respect to Liability Coverage is anywhere in the world provided that if the "insured's" responsibility to pay damages for "bodily injury" or "property damage" is determined in a "suit," the "suit" is brought in the United States of America, the territories and possessions of the United States of America, Puerto Rico or Canada or in a settlement we agree to.

15. WAIVER OF SUBROGATION

TRANSFER OF RIGHTS OF RECOVERY AGAINST OTHERS TO US - of SECTION IV - BUSINESS AUTO CONDITIONS is amended by adding the following:

We waive any right of recovery we may have against any person or organization with whom you have a written contract that requires such waiver because of payments we make for damages under this Coverage Form.

16. RESULTANT MENTAL ANGUISH COVERAGE

The definition of "bodily injury" in SECTION V-DEFINITIONS is replaced by the following:

"Bodily injury" means bodily injury, sickness or disease sustained by any person, including mental anguish or death resulting from any of these.

17. EXTENDED CANCELLATION CONDITION

Paragraph 2. of the COMMON POLICY CONDITIONS - CANCELLATION - applies except as follows:

If we cancel for any reason other than nonpayment of premium, we will mail or deliver to the first Named Insured written notice of cancellation at least 60 days before the effective date of cancellation.

18. HYBRID, ELECTRIC, OR NATURAL GAS VEHICLE PAYMENT COVERAGE

In the event of a total loss to a "non-hybrid" auto for which Comprehensive, Specified Causes of Loss, or Collision coverages are provided under this Coverage Form, then such Physical Damage Coverages are amended as follows:

- a. If the auto is replaced with a "hybrid" auto or an auto powered solely by electricity or natural gas, we will pay an additional 10%, to a maximum of \$2,500, of the "non-hybrid" auto's actual cash value or replacement cost, whichever is less,
- b. The auto must be replaced and a copy of a bill of sale or new lease agreement received by us within 60 calendar days of the date of "loss,"

c. Regardless of the number of autos deemed a total loss, the most we will pay under this Hybrid, Electric, or Natural Gas Vehicle Payment Coverage provision for any one "loss" is \$10,000.

For the purposes of the coverage provision,

- a. A "non-hybrid" auto is defined as an auto that uses only an internal combustion engine to move the auto but does not include autos powered solely by electricity or natural gas.
- b. A "hybrid" auto is defined as an auto with an internal combustion engine and one or more electric motors; and that uses the internal combustion engine and one or more electric motors to move the auto, or the internal combustion engine to charge one or more electric motors, which move the auto.

19. VEHICLE WRAP COVERAGE

In the event of a total loss to an "auto" for which Comprehensive, Specified Causes of Loss, or Collision coverages are provided under this Coverage Form, then such Physical Damage Coverages are amended to add the following:

In addition to the actual cash value of the "auto", we will pay up to \$1,000 for vinyl vehicle wraps which are displayed on the covered "auto" at the time of total loss. Regardless of the number of autos deemed a total loss, the most we will pay under this Vehicle Wrap Coverage provision for any one "loss" is \$5,000. For purposes of this coverage provision, signs or other graphics painted or magnetically affixed to the vehicle are not considered vehicle wraps.

Oregon Workers' Compensation Certificate of Insurance

Certificate holder:

WHATCOM COUNTY
ATTN: GARY STOYKA
311 GRAND AVE.
BELLINGHAM, WA 98225

The policy of insurance listed below has been issued to the insured named below for the policy period indicated. The insurance afforded by this policy is subject to all the terms, exclusions and conditions of such policy; this policy is subject to change or cancellation at any time.

Insured Groundwater Solutions Inc Gsi Water Solutions Inc 55 SW Yamhill St Ste 300 Portland, Or 97204-3331	Producer/contact SAIF Corporation Gabrielle N Kliewer 503.673.5239 gabkli@saif.com
Issued 11/20/2020 Policy 738154 Period 11/01/2020 to 11/01/2021	Limits of liability Bodily Injury by Accident \$1,000,000 each accident Bodily Injury by Disease \$1,000,000 each employee Body Injury by Disease \$1,000,000 policy limit

Description of operations/locations/special items

GSI Project #0884.001 - LENS Groundwater Model Review

Important

This certificate is issued as a matter of information only and confers no rights to the certificate holder. This certificate does not amend, extend or alter the coverage afforded by the policies above. This certificate does not constitute a contract between the issuing insurer, authorized representative or producer and the certificate holder.

CANCELLATION:

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED TO THE POLICYHOLDER AND CERTIFICATE HOLDER IN ACCORDANCE WITH THE POLICY PROVISIONS AND OREGON LAW. SAIF WILL ENDEAVOR TO PROVIDE WRITTEN NOTICE WITHIN 30 DAYS WHENEVER POSSIBLE.

Authorized representative



Kerry Barnett
President and CEO

Jon Hutchings
Director



322 N. Commercial, Suite 110
Bellingham, WA 98225
Telephone: (360) 778-6230
FAX: (360) 778-6231
www.whatcomcounty.us

RECEIVED

DEC 8 - 2020

WHATCOM COUNTY
EXECUTIVE'S OFFICE

MEMORANDUM

TO: The Honorable Satpal Singh Sidhu, County Executive, and
Whatcom County Flood Control Zone District Board of Supervisors

THROUGH: Jon Hutchings, Public Works Director *JH*

FROM: Gary Stoyka, Natural Resources Manager *GS*

DATE: November 18, 2020

RE: Contract with GSI Water Solutions, Inc and Whatcom County Flood Control Zone District
to Conduct a Peer Review of the Lynden-Everson-Nooksack-Sumas Numerical
Groundwater Model

Requested Action

Enclosed are two (2) originals of a contract between the Whatcom County Flood Control Zone District (FCZD) and GSI Water Solutions, Inc. (GSI) for your review and signature.

Background and Purpose

The work in this contract includes a peer review of the Lynden-Everson-Nooksack-Sumas (LENS) numerical groundwater model. The initial numerical model was completed in 2019 on behalf of WRIA 1 Watershed Management Board agencies and other partners (Whatcom County, Whatcom PUD, City of Bellingham, Nooksack Indian Tribe, Lummi Nation, Bertrand Watershed Improvement District, and Washington Department of Ecology), with the Whatcom County Flood Control Zone District acting as the contracting agent and project manager. Following completion of the initial numerical model, the group recognized the need for additional work necessary for full utilization of the model; however, it was decided that a peer review of the current model should be conducted to ensure it is scientifically sound and meets industry standards prior to conducting further modeling work. The goal of the project is to develop a model which will adequately assess the impacts to surface water flow from groundwater pumping and to inform the development of a water management plan that balances the needs of salmon and other aquatic resources with out-of-stream water needs. The model is envisioned to be a crucial tool in developing solutions that are necessary to resolve the long-standing water management issues in Whatcom County.

Funding Amount and Source

The estimated budget for this contract is \$103,700. The FCZD Board of Supervisors approved funding for this project in the 2020 FCZD Budget (Cost Center 169121) approved on November 19, 2019.

Please contact Gary Stoyka at extension 6218, if you have any questions or concerns regarding the terms of this agreement.

Encl.