

**WHATCOM COUNTY
CONTRACT INFORMATION SHEET**

Whatcom County Contract Number:
202308008

Originating Department:	85 Health and Community Services
Division/Program: (i.e. Dept. Division and Program)	8540 Environmental Health / 854010 Environmental Health Admin
Contract or Grant Administrator:	Sue Sullivan
Contractor's / Agency Name:	Environmental Science Associates

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?	If yes, grantor agency contract number(s):	CFDA#:
Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	

Is this contract grant funded?	If yes, Whatcom County grant contract number(s):	202201016
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	

Is this contract the result of a RFP or Bid process?	Contract Cost Center:	650525
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
If yes, RFP and Bid number(s):	MRSC – Consultant Roster	



Is this agreement excluded from E-Verify?	No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/>
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- If YES, indicate exclusion(s) below:
- | | |
|---|--|
| <input type="checkbox"/> Professional services agreement for certified/licensed professional. | <input type="checkbox"/> Goods and services provided due to an emergency. |
| <input checked="" 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):	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.
\$ 69,997	
This Amendment Amount:	
\$	
Total Amended Amount:	

Summary of Scope: This contract provides funding for the Contractor to complete a climate vulnerability assessment (CVA), specifically focused on public health impacts of extreme heat and wildfire smoke on residents of Whatcom County.

Term of Contract:	1 Year	Expiration Date:	06/30/2024
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Contract Routing:	1. Prepared by:	JT	Date:	06/02/2023
	2. Health Budget Approval	KR	Date:	06/06/2023
	3. Attorney signoff:	RB	Date:	07/20/2023
	4. AS Finance reviewed:	A Martin	Date:	6/21/2023
	5. IT reviewed (if IT related):		Date:	
	6. Contractor signed:		Date:	
	7. Executive Contract Review:		Date:	8/10/2023
	8. Council approved (if necessary):	AB2023-488	Date:	08/08/2023
	9. Executive signed:		Date:	8/10/2023
	10. Original to Council:		Date:	



Memorandum

TO: Satpal Sidhu, County Executive
FROM: Erika Lautenbach, Director
RE: Environmental Science Associates – Climate Vulnerability Assessment Contract
DATE: **AUGUST 9, 2023**

Attached is a contract between Whatcom County and Environmental Science Associates for your review and signature.

▪ **Background and Purpose**

In recent years, threats from extreme heat and wildfire smoke have increased in Whatcom County, particularly for vulnerable populations that face disproportionate health impacts from these threats. This contract provides funding for the Contractor to complete a climate vulnerability assessment (CVA), specifically focused on public health impacts of extreme heat and wildfire smoke on residents of Whatcom County. This CVA pilots an approach to achieve greater impact by narrowing the focus to these two imminent climate issues. Results of the CVA will guide infrastructure, program and policy decisions to enhance and promote health equity.

▪ **Funding Amount and Source**

Funding for this contract, in an amount not to exceed \$69,997, is provided by Foundational Public Health Services funds from the Washington State Department of Health. These funds will be included in the 2023 budget. Council authorization of this contract is required as funding exceeds \$40,000.

Please contact Sue Sullivan, Environmental Health Manager at 360-778-6026 (SSullivan@co.whatcom.wa.us) or Kathleen Roy, Financial & Administrative Manager at 360-778-6007 (KRoy@co.whatcom.wa.us), if you have any questions.

Encl.

Whatcom County Contract Number:

202308008

**CONTRACT FOR SERVICES
Between Whatcom County and Environmental Science Associates**

Environmental Science Associates, hereinafter called **Contractor** and Whatcom County, hereinafter referred to as **County**, agree and contract as set forth in this Agreement, including:

- General Conditions, pp. 3 to 13,
- Exhibit A (Scope of Work), pp. 14 to 16,
- Exhibit B (Compensation), p. 17,
- 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 9th day of August, 2023, and shall, unless terminated or renewed as elsewhere provided in the Agreement, terminate on the 30th day of June, 2024.

The general purpose or objective of this Agreement is to complete a climate vulnerability assessment, 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 \$69,997. 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.

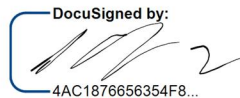
Each person signing this Contract represents and warrants that he or she is duly authorized and has legal capacity to execute and deliver this Contract.

IN WITNESS WHEREOF, the parties have executed this Agreement on: 8/10/2023

CONTRACTOR:

Environmental Science Associates
2801 Alaskan Way, Suite 200
Seattle, WA 98121

Each signatory below to this Contract warrants that he/she is the authorized agent of the respective party; and that he/she has the authority to enter into the contract and to bind the party thereto.

DocuSigned by:

 4AC1876656354F8...

8/9/2023

Stacy Bumback Date
Northwest Regional Director/Senior Vice President

WHATCOM COUNTY:

Recommended for Approval:

DocuSigned by:
Sue Sullivan 8/9/2023
051358A396BB46E...

Sue Sullivan, Environmental Health Manager Date

DocuSigned by:
Erika Lautenbach 8/9/2023
955C651A30374BD...

Erika Lautenbach, Health and Community Services Director Date

Approved as to form:

Approved by email RB/JT 07/20/2023
Royce Buckingham, Senior Civil Deputy Prosecutor Date

Approved:

Accepted for Whatcom County:

DocuSigned by:
Satpal Singh Sidhu 8/10/2023
1192C7C18B664E3...

By: Satpal Singh Sidhu, Whatcom County Executive Date

CONTRACTOR INFORMATION:

Environmental Science Associates
Rachel Gregg, Senior Climate Planner
2801 Alaskan Way, Suite 200
Seattle, WA 98121
RGregg@esassoc.com

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.

Contractor shall perform its services consistent with the degree of care and skill ordinarily exercised by other similar professionals providing the same or similar services under the same or similar circumstances ("Standard of Care"). Contractor makes no warranty with respect to its services.

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 initial 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. Refer to 10.2 for extensions beyond the initial term.

10.2 Extension:

The duration, maximum consideration and other terms and conditions of this Agreement may be extended after the initial term of this Agreement by mutual written consent of the parties.

Extensions may be for a period of up to one year per extension, and for a cumulative total of no longer than four years, including the original term.

11.1 Termination for Default:

If the Contractor defaults by failing to perform any of the obligations of the contract, and fails to cure such default within seven (7) days after receipt of written notice from the County, 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. Contractor shall be compensated for all services performed in accordance with this Agreement prior to such termination.

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, subject to 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 originally prepared by the Contractor and/or its consultants or subcontractors, in connection with performance of this Agreement, shall become the sole and absolute property of the County upon payment for the service performed. 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.

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.

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.

The County acknowledges that its use of the work product is limited to the purposes contemplated by the scope of work and that the Contractor makes no representation of the work product for use in or application to circumstances not contemplated by the scope of work. Reuse or modification of any work product by the County, without the Contractor's written permission shall be at the County's sole risk and the County releases the Contractor and its subcontractors for, from and against any and all liability, claims, damages, losses, actions, or expenses related to or arising out of such use or modification.

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	\$1,000,000.00, per occurrence
Annual Aggregate	\$2,000,000.00

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. Business Automobile Liability

\$1,000,000.00	Minimum, per occurrence
\$2,000,000.00	Minimum, Annual Aggregate

Contractor shall provide auto liability coverage for owned, non-owned and hired autos using ISO Business Auto Coverage form CA 00 01 or the exact equivalent with a limit of no less than \$1,000,000 per accident. If Contractor owns no vehicles this requirement may be met through a non-owned auto Endorsement to the CGL policy.

3. Additional Insurance Requirements and Provisions

- a. All insurance policies shall provide coverage on an occurrence basis.
- 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' 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 (as described below) and hold the County and its departments, elected and appointed officials, employees, and volunteers, harmless from and against any and all third-party: claims, damages, losses and expenses, including but not limited to court costs, reasonable 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 by any negligent error, act or omission 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, but only to the extent of Contractor's or its subcontractors' negligence or 3) are based upon the Contractor's or its subcontractors' use of, presence upon, or proximity to the property of the County, but only to the extent of Contractor's or its subcontractors' negligence. This indemnification obligation of

the Contractor shall not apply in the limited circumstance where the claim, damage, loss, or expense is caused by the negligence of the County. Contractor does not have a duty to provide an upfront defense of any indemnitee except to the extent such defense is actually covered and fully funded by an insurance policy maintained by Contractor, where an upfront defense is not actually covered and fully funded by an insurance policy maintained by Contractor. Contractor agrees to reimburse an indemnitee for its reasonable defense costs to the extent determined by the legal proceeding or arbitration addressing the matter to have been caused by Contractor's negligence.

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 (including gender identity), 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 (including gender identity), age, marital status, disability, political affiliation, 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 (including gender identity), 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 (including gender identity), disability, or veteran status; or deny an individual or business any service or benefits under this Agreement unless otherwise allowed by applicable law; 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 unless otherwise allowed by applicable law; or deny an individual or business an opportunity to participate in any program provided by this Agreement unless otherwise allowed by applicable law.

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 materially 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:

Sue Sullivan, Environmental Health Manager
Whatcom County Health and Community Services

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:

Whatcom County Health and Community Services
Sue Sullivan, Environmental Health Manager
509 Girard Street
Bellingham, WA 98225
SSullivan@co.whatcom.wa.us

Environmental Science Associates
Rachel Gregg, Senior Climate Manager
2801 Alaskan Way, Suite 200
Seattle, WA 98121
RGregg@esassoc.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.

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)

Task 1: Project Management – Estimated Hours = 22

The Contractor will:

- a. Collaborate with County staff and Broadview Planning (a community consulting firm who is leading the project's community engagement process and providing public health guidance and oversight) as the core project team to manage the assessment tasks and incorporate known and forecasted vulnerabilities and risk factors for health outcomes into the Climate Vulnerability Assessment (CVA).
- b. Attend bi-weekly project team check-in meetings for the first three months and then monthly check-in meetings. These meetings will serve to review progress and confirm adherence to the project scope, budget and timeline.

Task 2: Data + Evaluation – Estimated Hours = 287

The Contractor will:

- a. Conduct a vulnerability assessment on the effects of wildfire smoke and extreme heat on public health and healthcare services using a dual climate- and equity-informed lens following the Center for Disease Control's (CDC) Building Resilience Against Climate Effects (BRACE) framework (<https://www.cdc.gov/climateandhealth/BRACE.htm>).
- b. Evaluate the three components of vulnerability – exposure, sensitivity and adaptive capacity, following the CDC's BRACE Framework, to identify the relative vulnerability of specific communities and locations to wildfire smoke and extreme heat.
 1. Exposure evaluations will –
 - a. Focus on observed trends and projected future changes in wildfire and extreme heat events.
 - b. Build off of existing data and tools, such as a) trends in wildfires, wildfire smoke, and extreme heat days (e.g., extent and duration), b) relevant data on smoke and extreme heat patterns (e.g. PurpleAir, National Integrated Heat Health Information System, etc.), c) any existing local wildfire risk and heat maps, and d) model projections from the Climate Impacts Group (e.g., Climate Mapping for a Resilient Washington tool).
 - c. Consider impact multipliers, or those physical characteristics of an area that can cause additive effects to climactic factors, such as the location and extent of tree canopy coverage, impervious land cover, and urban heat islands.
 - d. Include development of spatially explicit maps of high exposure areas and qualitative descriptions of wildfire smoke and extreme heat exposure. The Contractor will work with the project team as a whole to select the appropriate spatial extent(s) and timeframes for the evaluation to develop these maps.
 2. Sensitivity and adaptive capacity evaluations will focus on current physical, economic and social conditions in the county that either amplify or minimize the impacts of a given amount of exposure to smoke and heat on public health.
- c. Collaborate with the project team on relevant data to incorporate, such as published literature, demographic and occupational data, and available sensitive health and human services data from the County (e.g., smoke- and heat-related emergency room visits and hospitalizations).
- d. Assess social determinants of health, such as race and ethnicity, age, gender, economic stability (e.g., cost of living, access to living wage, poverty), education level, housing and transportation options, and physical and economic access to critical services (e.g., hospitals, health insurance, cooling centers/emergency shelters), by leveraging existing data such as demographic information, the Washington Tracking Network maps (e.g., Environmental Health Disparities), and the Climate and Economic Justice Screening Tool.

- e. Identify specific areas at higher risk for smoke- and heat-related impacts by overlaying maps of vulnerable populations in the County with relevant wildfire smoke and extreme heat “hot spots”.
- f. Consider existing policies and programs that enable or hinder community capacity to respond to and recover from these impacts, including access to technological and financial resources (e.g., federal aid programs).
- g. Combine the exposure, sensitivity and adaptive capacity evaluations into a joint wildfire smoke and extreme heat vulnerability assessment, emphasizing the impacts faced by the County as a whole and vulnerable populations in particular.
 - a. This synthesis will consider the direct and indirect pathways and effects of increased wildfire smoke and extreme heat events on both physical and mental health and the demand for healthcare services and the equity-related sensitivities of individuals and communities, including the presence of an access to reliable healthcare.
- h. Develop an [Esri StoryMap](#) that compiles and presents existing spatial data (historical and projected) related to wildfire smoke and extreme heat, including metadata and attribution information.
 - a. With the project team, the Contractor will develop an engaging narrative and accessible display with maps and photos to effectively communicate the results of the vulnerability assessment to the public.
 - b. Build the StoryMap on the County’s ArcGIS account through an Esri partnered collaboration.

Task 3: Community Engagement – *Estimated Hours = 28*

The Contractor will:

- a. Review draft public-facing materials developed by Broadview Planning and/or the County to evaluate technical concepts and provide suggestions for compelling language.
- b. Provide technical expertise in air quality and climate vulnerability and adaption during up to three in-person community engagement events. During these events and in follow-up conversations, the Contractor will collect input from community members to factor into the StoryMap and report.
- c. Integrate Broadview Planning’s community engagement findings into the final report in Task D.

Task 4: Final Report – *Estimated Hours = 90*

The Contractor will:

- a. Synthesize the findings from the research in Tasks B and C into a final report that:
 1. Incorporates findings from quantitative research and Broadview Planning’s qualitative assessment from community engagement sessions.
 2. Provides recommendations for mitigating vulnerable populations exposure to wildfire smoke and extreme heat that emphasizes co-benefits and reduces disease burden.
 3. Provides recommendations that include adaptation and community resilience strategies (implementation will be led by Whatcom County in the next phase of this project).
 4. Provides ongoing tracking, monitoring and evaluation framework and equity-focused process and outcome metrics (tracking, monitoring and evaluation will be led by Whatcom County in a future phase of this project).
- b. Identify a suite of potential adaptation strategies to reduce community vulnerability to wildfire smoke and extreme heat by reviewing relevant climate-informed public health plans and other resources and through conversations with County staff.
 1. Integrate the adaption strategy recommendations and evaluation framework into the final report.
 2. Screen potential strategies by criteria such as effectiveness in reducing vulnerability, feasibility, co-benefits and limitations (e.g., equity considerations, level of effort and resources required, tipping

points at which certain strategies may no longer work), and links to any case study examples of strategy application in other jurisdictions.

3. Develop a list of priority recommendations for strategy implementation using the criteria and conversations with the County and Broadview Planning.
 4. Identify relevant indicators, metrics and methods to monitor and evaluate the implementation of priority strategies.
- c. Where possible, the evaluation will build off of the wildfire smoke and extreme heat findings in the CDC's [Evidence on Public Health Interventions to Prevent the Negative Health Effects of Climate Change](#), while tailoring for the unique conditions and communities of the County.

County Responsibilities:

- a. The County will provide products that will inform the Contractor's work, including the community health assessment, access to the County's health informatics group, and other products as they are available.
- b. Broadview Planning will lead engagement and provide products that the Contractor is expected to integrate into its research, StoryMap and the final report.

Estimated Project Timeline:

	2023						2024			
	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr
Task 1: Project Management										
Project Team Mtgs.	Biweekly	Biweekly	Biweekly							
Project Management/Admin.										
Task 2: Data and Evaluation										
Exposure Data & Evaluation			★							
Sensitivity, Adaptive Capacity Data & Evaluation				★						
Vulnerability Analysis						★				
StoryMap									★	
Task 3: Community Engagement (as needed, determined by BvP)										
In-Person Community Engagement Mtgs. (3)										
Review BvP Drafts & Integrate Comm. Feedback										
Task 4: Final Report										
Adaptation Strategy Identification & Evaluation							★			
Monitoring & Evaluation Framework										
Final Synthesis										★

★ - Interim and Final Deliverables

EXHIBIT "B"
(COMPENSATION)

- I. **Budget and Source of Funding:** The source of funding for this contract, in an amount not to exceed \$69,997, is the Foundational Public Health Services funds from the Washington State Department of Health. The budget for this contract is as follows:

TASK NUMBER/DESCRIPTION	T. Sturtz Project Director	R. Gregg Project Manager	C. Struthers GIS Analyst	M. Remmen Tech. Res./ Writer	L. Cox GIS Analyst	N. Hart Tech. Res./ Writer	EST. HOURS	* EST. COSTS
HOURLY BILLING RATE	\$282	\$201	\$201	\$141	\$128	\$110		
Task 1: Project Management	2	20					22	\$4,584
Task 2: Data Evaluation								
Task 2a: Data Analysis	21	30		36	24	78	189	\$28,680
Task 2b: ESRI StoryMap		6	30	10	30	22	98	\$14,906
Task 3: Community Engagement	12	16					28	\$6,600
Task 4: Final Report		30				60	90	\$12,630
Estimated Hours	35	102	30	46	54	160	427	
ESA Labor Cost								\$67,400
ESA Labor Tech. & Data Mgmt.								\$2,022
Reimbursable Expenses *								\$575
★ - Mileage for community events. **							Estimated Grand Total: \$69,997	

- * Changes to the line item budget that exceed 10% of the total contract amount must be pre-approved in writing by the County's Administrative Officer.
- ** Mileage records, including the name of the staff member, date of travel, starting point and destination of travel, number of miles traveled, per mile reimbursement rate (not to exceed rate per location at www.gsa.gov), and a brief description of the purpose of travel are required for mileage reimbursement.

II. Invoicing

- The Contractor shall submit invoices to (include contract #) HL-BusinessOffice@co.whatcom.wa.us.
- The Contractor shall submit itemized invoices on a monthly basis in a format approved by the County. Monthly invoices must be submitted by the 15th of the month following the month of service. Invoices submitted for payment must include the items identified in the table above.
- Payment by the County will be considered timely if it is made within 30 days of the receipt and acceptance of billing information from Contractor. The County may withhold payment of an invoice if the Contractor submits it more than 30 days after the expiration of this contract.
- Invoices must include the following statement, with an authorized signature and date: **I certify that the materials have been furnished, the services rendered, or the labor performed as described on this invoice.**
- Duplication of Billed Costs or Payments for Service: The Contractor shall not bill the County for services performed or provided under this contract, and the County shall not pay the Contractor, if the Contractor has been or will be paid by any other source, including grants, for those costs used to perform or provide the services in this contract. The Contractor is responsible for any audit exceptions or disallowed amounts paid as a result of this contract.

EXHIBIT "C"
(CERTIFICATE OF INSURANCE)



ADDITIONAL REMARKS SCHEDULE

AGENCY IOA Insurance Services	License # 0E67768	NAMED INSURED Environmental Science Associates 575 Market Street, Suite 3700 San Francisco, CA 94105
POLICY NUMBER SEE PAGE 1		
CARRIER SEE PAGE 1	NAIC CODE SEE P 1	EFFECTIVE DATE: SEE PAGE 1

ADDITIONAL REMARKS

THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,
 FORM NUMBER: ACORD 25 FORM TITLE: Certificate of Liability Insurance

Description of Operations/Locations/Vehicles:
 noncontributory

30 Days Notice of Cancellation with 10 Days Notice for Non-Payment of Premium in accordance with the policy provisions.

Named Insured: Environmental Science Associates
Policy Number: PSB0007416

RLI Insurance Company

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

**RLIPack® FOR PROFESSIONALS
BLANKET ADDITIONAL INSURED ENDORSEMENT**

This endorsement modifies insurance provided under the following:

BUSINESSOWNERS COVERAGE FORM - SECTION II – LIABILITY

1. **C. WHO IS AN INSURED** is amended to include as an additional insured any person or organization that you agree in a contract or agreement requiring insurance to include as an additional insured on this policy, but only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" caused in whole or in part by you or those acting on your behalf:

- a. In the performance of your ongoing operations;
- b. In connection with premises owned by or rented to you; or
- c. In connection with "your work" and included within the "product-completed operations hazard".

2. The insurance provided to the additional insured by this endorsement is limited as follows:

- a. This insurance does not apply on any basis to any person or organization for which coverage as an additional insured specifically is added by another endorsement to this policy.
- b. This insurance does not apply to the rendering of or failure to render any "professional services".
- c. This endorsement does not increase any of the limits of insurance stated in **D. Liability And Medical Expenses Limits of Insurance**.

3. The following is added to **SECTION III H.2. Other Insurance – COMMON POLICY CONDITIONS (BUT APPLICABLE ONLY TO SECTION II – LIABILITY)**

However, if you specifically agree in a contract or agreement that the insurance provided to an

additional insured under this policy must apply on a primary basis, or a primary and non-contributory basis, this insurance is primary to other insurance that is available to such additional insured which covers such additional insured as a named insured, and we will not share with that other insurance, provided that:

- a. The "bodily injury" or "property damage" for which coverage is sought occurs after you have entered into that contract or agreement; or
- b. The "personal and advertising injury" for which coverage is sought arises out of an offense committed after you have entered into that contract or agreement.

4. The following is added to **SECTION III K. 2. Transfer of Rights of Recovery Against Others to Us – COMMON POLICY CONDITIONS (BUT APPLICABLE TO ONLY TO SECTION II – LIABILITY)**

We waive any rights of recovery we may have against any person or organization because of payments we make for "bodily injury", "property damage" or "personal and advertising injury" arising out of "your work" performed by you, or on your behalf, under a contract or agreement with that person or organization. We waive these rights only where you have agreed to do so as part of a contract or agreement with such person or organization entered into by you before the "bodily injury" or "property damage" occurs, or the "personal and advertising injury" offense is committed.

ALL OTHER TERMS AND CONDITIONS OF THIS POLICY REMAIN UNCHANGED.

Named Insured: Environmental Science Associates
Policy Number: PSA0002468

BUSINESS AUTO COVERAGE FORM

A. Broad Form Named Insured

The following is added to the **SECTION II – COVERED AUTOS LIABILITY COVERAGE**, Paragraph **A.1. Who Is An Insured** Provision:

Any business entity newly acquired or formed by you during the policy period, provided you own fifty percent (50%) or more of the business entity and the business entity is not separately insured for Business Auto Coverage. Coverage is extended up to a maximum of one hundred eighty (180) days following the acquisition or formation of the business entity.

This provision does not apply to any person or organization for which coverage is excluded by endorsement.

B. Employees As Insureds

The following is added to the **SECTION II – COVERED AUTOS LIABILITY COVERAGE**, Paragraph **A.1. Who Is An Insured** Provision:

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

C. Blanket Additional Insured

The following is added to the **SECTION II – COVERED AUTOS LIABILITY COVERAGE**, Paragraph **A.1. Who Is An Insured** Provision:

Any person or organization that you are required to include as an additional insured on this coverage form in a contract or agreement that is executed by you before the "bodily injury" or "property damage" occurs is an "insured" for liability coverage, but only for damages to which this insurance applies and only to the extent that person or organization qualifies as an "insured" under the Who Is An Insured provision contained in **SECTION II – COVERED AUTOS LIABILITY COVERAGE**.

The insurance provided to the additional insured will be on a primary and non-contributory basis to the additional insured's own business auto coverage if you are required to do so in a contract or agreement that is executed by you before the "bodily injury" or "property damage" occurs.

D. Blanket Waiver Of Subrogation

The following is added to the **SECTION IV – BUSINESS AUTO CONDITIONS, A. Loss Conditions, 5. Transfer Of Rights Of Recovery Against Others To Us**:

We waive any right of recovery we may have against any person or organization to the extent required of you by a contract executed prior to any "accident" or "loss", provided that the "accident" or "loss" arises out

of the operations contemplated by such contract. The waiver applies only to the person or organization designated in such contract.

E. Employee Hired Autos

1. The following is added to the **SECTION II – COVERED AUTOS LIABILITY COVERAGE**, Paragraph **A.1. Who Is An Insured** Provision:

An "employee" of yours is an "insured" while operating an "auto" hired or rented under a contract or agreement in that "employee's" name, with your permission, while performing duties related to the conduct of your business.

2. Changes In General Conditions:

Paragraph **5.b.** of the **Other Insurance** Condition in the **BUSINESS AUTO CONDITIONS** is deleted and replaced with the following:

b. For Hired Auto Physical Damage Coverage, the following are deemed to be covered "autos" you own:

(1) Any covered "auto" you lease, hire, rent or borrow; and

(2) Any covered "auto" hired or rented by your "employee" under a contract in that individual "employee's" name, with your permission, while performing duties related to the conduct of your business. However, any "auto" that is leased, hired, rented or borrowed with a driver is not a covered "auto".

F. Fellow Employee Coverage

SECTION II – COVERED AUTOS LIABILITY COVERAGE, Exclusion B.5. does not apply if you have workers compensation insurance in-force covering all of your employees.

G. Auto Loan Lease Gap Coverage

SECTION III – PHYSICAL DAMAGE COVERAGE, C. Limit Of Insurance, is amended by the addition of the following:

In the event of a total "loss" to a covered "auto" shown in the Schedule of Declarations, we will pay any unpaid amount due on the lease or loan for a covered "auto", less:

1. The amount paid under the **PHYSICAL DAMAGE COVERAGE** section of the policy; and

2. Any:

a. Overdue lease/loan payments at the time of the "loss";

WORKERS COMPENSATION AND EMPLOYERS LIABILITY INSURANCE POLICY

WC 04 03 06

(Ed. 4-84)

WAIVER OF OUR RIGHT TO RECOVER FROM OTHERS ENDORSEMENT-CALIFORNIA

We have the right to recover our payments from anyone liable for an injury covered by this policy. We will not enforce our right against the person or organization named in the Schedule. (This agreement applies only to the extent that you perform work under a written contract that requires you to obtain this agreement from us.)

You must maintain payroll records accurately segregating the remuneration of your employees while engaged in the work described in the Schedule.

The additional premium for this endorsement shall be 2% of the California workers' compensation premium otherwise due on such remuneration.

Schedule

Person or Organization

All persons or organizations that are party to a contract that requires you to obtain this agreement, provided you executed the contract before the loss.

Job Description

Jobs performed for any person or organization that you have agreed with in a written contract to provide this agreement.

This endorsement changes the policy to which it is attached and is effective on the date issued unless otherwise stated.

(The information below is required only when this endorsement is issued subsequent to preparation of the policy.)

Named Insured: Environmental Science Associates

Policy Number: PSW0004135

Insurance Company: RLI Insurance Company



Countersigned By _____