

**AMENDMENT TO CONTRACT FOR CONSULTANT SERVICES
KING COUNTY FLOOD CONTROL ZONE DISTRICT**

This Contract is entered into by and between the King County Flood Control Zone District, a municipal corporation (“District”) and Parametrix, Inc., whose principal office is located at 719 2nd Avenue, Suite 200, Seattle, WA 98104 (“Consultant”).

WHEREAS, the District desires to have certain services performed for its citizens; and

WHEREAS, the District has selected the Consultant to perform such services pursuant to certain terms and conditions;

NOW, THEREFORE, in consideration of the mutual benefits and conditions set forth below, the parties agree as follows:

1. Scope of Services to be Performed by Consultant. The Consultant shall perform the services described in Exhibit “A” of this Amendment. In performing the services, the Consultant shall comply with all federal, state and local laws and regulations applicable to the services. The Consultant shall perform the services diligently and completely and in accordance with professional standards of conduct and performance.

2. Compensation and Method of Payment. The Consultant shall request payment for work performed in Exhibit A using the billing invoice form at Exhibit “C.”

The District shall pay the Consultant:

[Check applicable method of payment]

X According to the rates set forth in Exhibit “B.”

X A sum not to exceed \$2,363,486.36.

 Other (describe): _____

The Consultant shall complete and return to the District Exhibit “D,” Tax Identification Number, prior to or along with the first billing invoice. The District shall pay the Consultant for services rendered within ten (10) days after Board voucher approval.

3. Duration of Contract. This Contract shall be in full force and effect for a period commencing on February 27, 2019 and ending September 30, 2022, unless sooner terminated or extended under the provisions of this Contract. Time is of the essence of this Contract in each and all of its provisions in which performance is required.

4. Ownership and Use of Documents. Any records, files, documents, drawings, specifications, data or information, regardless of form or format, and all other materials produced by the Consultant in connection with the services provided to the District, shall be the property of the District whether the project for which they were created is executed or not.

5. Independent Contractor. The Consultant and the District agree that the Consultant is an independent contractor with respect to the services provided pursuant to this Contract. The Consultant will be solely responsible for its acts and for the acts of its officers, officials, employees, sub-consultants and agents during the performance of this Contract. Nothing in this Contract shall be considered to create the relationship of employer and employee between the parties.

6. Indemnification. Subject to the limitations in RCW 4.24.115, the Consultant shall defend, indemnify, and hold harmless the District, its officers, officials, employees, and agents from any and all damages, claims, demands, suits, actions, costs, fines, penalties and liability of any kind, including attorneys' fees (collectively referred to as "Damages"), arising in whole or in part from any negligent acts, errors or omissions of the Consultant, its officers, officials, employees, sub-consultants, and agents in the performance of this Contract. However, if any Damages are caused by or result from the concurrent negligence of the Consultant, its officers, officials, employees, sub-consultants and agents, and the District, its officers, officials, employees, or agents, the Consultant's liability shall be only to the extent of the Consultant's negligence. The foregoing indemnity is specifically and expressly intended to constitute the Consultant's waiver of immunity under Industrial Insurance, Title 51 RCW, solely for the purposes of this indemnification. This waiver has been mutually negotiated. The provisions of this Section shall survive the expiration or termination of this Contract.

7. Insurance. The Consultant shall procure and maintain for the duration of this Contract, 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 Consultant, its officers, officials, employees, and agents.

A. Minimum Scope of Insurance. The Consultant shall obtain insurance of the types described below:

1. Automobile Liability insurance covering all owned, non-owned, hired, and leased vehicles. Coverage shall be written on Insurance Services Office (ISO) form CA 00 01 or a substitute form providing equivalent liability coverage. If necessary, the policy shall be endorsed to provide contractual liability coverage.

2. Commercial General Liability insurance shall be written on ISO occurrence form CG 00 01 and shall cover liability arising from premises, operations, independent contractors, and personal injury and advertising injury. The District shall be named as an insured under the Consultant's Commercial General Liability insurance policy with respect to the work performed for the District.

3. Workers' Compensation coverage as required by the Industrial Insurance laws of the State of Washington.

4. Professional Liability insurance appropriate to the Consultant's profession.

B. Minimum Amounts of Insurance. The Consultant shall maintain the following insurance limits:

1. Automobile Liability insurance with a minimum combined single limit for bodily injury and property damage of \$1,000,000 per accident.

2. Commercial General Liability insurance shall be written with limits no less than \$1,000,000 each occurrence, \$2,000,000 general aggregate.

3. Professional Liability insurance shall be written with limits no less than \$1,000,000 per claim and \$1,000,000 policy aggregate limit.

C. Other Insurance Provisions. The insurance policies are to contain, or be endorsed to contain, the following provisions for Automobile Liability, Professional Liability, and Commercial General Liability insurance:

1. The Consultant's insurance coverage shall be primary insurance as respects the District. Any insurance, self-insurance or insurance pool coverage maintained by the District shall be in excess of the Consultant's insurance and shall not contribute with it.

2. The Consultant's insurance shall be endorsed to state that coverage shall not be canceled by either party except after thirty (30) days prior written notice by certified mail, return receipt requested, has been given to the District.

D. Verification of Coverage. The Consultant shall furnish the District with original certificates and a copy of the amendatory endorsements, including but not necessarily limited to the additional insured endorsement, evidencing the insurance requirements of the Consultant before commencement of the work.

8. Record Keeping and Reporting.

A. The Consultant shall maintain accounts and records, including personnel, property, financial, and programmatic records, which sufficiently and properly reflect all direct and indirect costs of any nature expended and services performed pursuant to this Contract. The Consultant shall also maintain such other records as may be deemed necessary by the District to ensure proper accounting of all funds contributed by the District to the performance of this Contract.

B. The foregoing records shall be maintained for a period of seven (7) years after termination of this Contract, unless permission to destroy them is granted by the Office of the Archivist in accordance with Chapter 40.14 RCW and by the District.

9. Audits and Inspections. The records and documents with respect to all matters covered by this Contract shall be subject at all times to inspection, review or audit by the District during the performance of this Contract.

10. Termination.

A. The District reserves the right to terminate or suspend this Contract at any time, with or without cause, upon ten (10) business days prior written notice. In the event of termination or suspension, all finished or unfinished documents, data, studies, worksheets, models, reports or other materials prepared by the Consultant pursuant to this Contract shall promptly be submitted to the District.

B. In the event this Contract is terminated or suspended, the Consultant shall be entitled to payment for all services performed and reimbursable expenses incurred to the date of termination.

C. This Contract may be canceled immediately if the Consultant's insurance coverage is canceled for any reason, or if the Consultant is unable to perform the services called for by this Contract.

D. The Consultant reserves the right to terminate this Contract with not less than ten (10) business days written notice, or in the event that outstanding invoices are not paid within sixty (60) days.

E. This provision shall not prevent the District from seeking any legal remedies it may otherwise have for the violation or nonperformance of any provisions of this Contract.

11. Discrimination Prohibited. The Consultant shall not discriminate against any employee, applicant for employment, or any person seeking the services of the Consultant under this Contract, on the basis of race, color, religion, creed, sex, sexual orientation, age, national origin, marital status, or presence of any sensory, mental or physical disability.

12. Assignment and Subcontract. The Consultant shall not assign or subcontract any portion of the services contemplated by this Contract without the prior written consent of the District.

13. Conflict of Interest. The Consultant represents to the District that it has no conflict of interest in performing any of the services set forth in Exhibit "A." In the event that the Consultant is asked to perform services for a project with which it may have a conflict, Consultant will immediately disclose such conflict to the District.

14. Confidentiality. All information regarding the District obtained by the Consultant in performance of this Contract shall be considered confidential. Breach of confidentiality by the Consultant shall be grounds for immediate termination.

15. Non-appropriation of Funds. If sufficient funds are not appropriated or allocated for payment under this Contract for any future fiscal period, the District will so notify the Consultant and shall not be obligated to make payments for services or amounts incurred after the end of the current fiscal period. This Contract will terminate upon the completion of all remaining services for which funds are allocated. No penalty or expense shall accrue to the District in the event that the terms of the provision are effectuated.

16. Entire Contract. This Contract contains the entire agreement between the parties, and no other agreements, oral or otherwise, regarding the subject matter of this Contract shall be deemed to exist or bind either of the parties. Either party may request changes to the Contract. Changes which are mutually agreed upon shall be incorporated by written amendments to this Contract.

17. Notices. Notices to the District shall be sent to the following address:

Michelle Clark, Executive Director
516 Third Avenue, Room 1200, W-1201
Seattle, WA 98104
206-477-2985
Michelle.Clark@kingcounty.gov

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

Jeff Peacock, President and CEO
719 2nd Avenue, Suite 200
Seattle, WA 98104
206-394-3700
JPeacock@parametrix.com

18. Applicable Law; Venue; Attorneys' Fees. This Contract shall be governed by and construed in accordance with the laws of the State of Washington. In the event any suit, arbitration or other proceeding is instituted to enforce any term of this Contract, the parties specifically understand and agree that venue shall be exclusively in King County, Washington. The prevailing party in any such action shall be entitled to its attorneys' fees and costs of suit, which shall be fixed by the judge hearing the case and such fee shall be included in the judgment.

19. Severability. Any provision or part of this Contract held to be void or unenforceable under any law or regulation shall be deemed stricken and all remaining provisions shall continue to be valid and binding upon the District and the Consultant, who agree that the Contract shall be reformed to replace such stricken provision or part with a valid and enforceable provision that comes as close as reasonably possible to expressing the intent of the stricken provision.

KING COUNTY FLOOD
CONTROL ZONE DISTRICT

CONSULTANT

Dave Upthegrove, Chair
King County Flood Control Zone District

Jeff Peacock, President & CEO
Parametrix, Inc.

SCOPE OF WORK

King County Flood District Lower Green River Corridor Flood Hazard Management Plan Programmatic Environmental Impact Statement

PROJECT UNDERSTANDING

The King County Flood Control District (District) is preparing a SEPA Programmatic Environmental Impact Statement (PEIS) for the Lower Green River Corridor Flood Hazard Management Plan. The intent of the services described below is to complete those services necessary to issue the Draft PEIS based on the work completed to date and assumes that two additional alternatives are identified in the coming months. The services described here would begin April 1, 2021, when the current scope of services expires. This scope of services refers to the attached outline of the PEIS and appendices, as previously approved by the District. The scope also refers the draft methodology and affected environment reports that have been submitted to the District. Work under this scope of services would be completed within 18 months. A general schedule guiding development of this scope and budget is as follows:

- 2021 Q2/Q3: Finalize new alternatives
- 2021 Q4: Begin impacts evaluation, mitigation development, and technical appendices to the PEIS
- 2022 Q1: Complete and issue the Draft PEIS and begin comment period
- 2022 Q2: Complete comment period, review comments, and begin strategizing preferred alternative
- 2022 Q3: Wrap up

This scope and budget assume the underlying purpose of the flood hazard management plan as established by King County Flood Control District Motion FCD18-01.1 does not change. If the purpose is changed, an amendment could be necessary. This scope and budget assume that the multibenefit objectives further identified in King County Flood Control District Motion FCD20-07.1 will be an overlay to the underlying mission of managing flood risk in the Lower Green study area. A summary of additional key assumptions is provided as an attachment to this scope of work.

Task 2 – Alternatives, Methodologies & Affected Environment

Most of the additional work commencing April 1, 2021 will be completed under Task 3 – Draft PEIS. However, some additional refinement of alternatives is necessary to reflect the multibenefit objectives identified in King County Flood Control District Motion FCD20-07.1.

Task 2.5 - Alternatives

This task is amended to add consideration of the multibenefit objectives. The Consultant will recommend to the District how the ideas advanced through the Executive Steering Committee could be reflected in the three alternatives advanced through scoping and in up to two new alternatives.

Assumptions:

- The three alternatives identified during scoping as modeled late 2020/early 2021 may be modified with some additional “layers” and “repackaging” to better reflect the multi-benefit approach. In other words, the descriptions of these alternatives may be substantially different to emphasize the policy basis of each and to de-emphasize the lines on the map; however, the **hydraulic** modeling work underway will still be the foundation of these alternatives with only minor revisions.
- Recommendations for alternative revisions and additions will be submitted to the SEPA Official for approval and direction prior to finalizing the descriptions of the alternatives. The recommendations will be presented in a technical memorandum as previously authorized under this task.

Deliverables

- As previously authorized under this task: meeting notes and draft, revised draft, and final technical memorandum on alternatives

Task 3 – Draft PEIS

The purpose of this task is to provide services to complete the draft PEIS, including associated stakeholder engagement and public outreach through the comment period. All deliverables identified for this task will be submitted electronically, unless otherwise specified.

Task 3.1 – Project Management

The Consultant will:

- Update the project management plan for this phase of services.
- Prepare a schedule and update the schedule once during this phase of services.
- Manage delivery of services, including subconsultant work, within approved budget and schedule.
- Prepare monthly invoices that include a progress letter summarizing completed and upcoming work and status to budget and schedule.
- Participate in 90 strategy meetings or conference calls through this phase with the District project manager.
- Participate in 60 strategy meetings or conference calls through this phase with the District Executive.
- Maintain project records.

Assumptions

- Milestone schedule will be prepared using Microsoft Project.
- Strategy meetings will be 30 to 60 minutes in duration with 30 minutes follow up for notes (average 2 hours total per week per staff).

Deliverables

- Draft and final milestone schedule

- Draft and final PMP update
- Monthly invoice packages in a format as specified by the District
- Written notes from weekly strategy meetings or calls distributed to the project team for concurrence

Task 3.2 – SEPA Re-Scoping

The Consultant will update the SEPA Notice of Determination to re-initiate scoping to describe the alternatives to be evaluated in the Draft PEIS. After finalizing and with approval by the District, the Consultant will coordinate for the publication of the scoping notice per SEPA requirements, including direct expense for publishing in the Seattle Times, Daily Journal of Commerce, and three additional publications such as La Raza del Noroeste, NW Asian Weekly and Seattle Medium. Additional outreach will be completed, as described in Task 3.10. After the closing of the scoping period, the Consultant shall prepare another SEPA Scoping Summary Report to supplement the report prepared in 2019.

Assumptions:

- The organization of the scoping report will be the same as that of the report finalized in June 2019.
- The number of comments and comment items will not exceed that received during initial scoping. Comments will continue to be captured in excel (versus a comment-response software).

Deliverables

- Draft, revised draft, and final SEPA Notice of Determination
- Updated Excel spreadsheet recording scoping comments
- Draft, revised draft, and final SEPA Scoping Summary Report

Task 3.3 - Impact Evaluations

The purpose of this task is to provide subject-specific evaluations of the direct, indirect, and cumulative effects of plan alternatives that will be provided in Appendices B, C, and D. The evaluations will be based on the methodologies and build on the affected environment sections previously submitted to the District. The evaluations will address potential impacts resulting from five alternatives: the three originally described in scoping with minor revisions as approved in July 2020 and two new alternatives that are yet to be defined. The subjects to be included are as follows:

- Built environment
 - BERK: built environment, excluding the subjects specified for Globalwise, HRA, and Parametrix below
 - Globalwise: agricultural economics
 - HRA, cultural and historic resources
 - Parametrix: transportation, stormwater, sewage, and solid waste, as well as the compilation of all the subject work into the consolidated built environment report, including final technical editing and word processing.

- Natural environment:
 - WEST: Hydraulics/hydrology based on the modeling reports prepared by Northwest Hydraulic Consultants
 - Confluence: Aquatic biology and riparian habitat
 - Parametrix: Water quality and climate change, as well as the compilation of all subject work into the consolidated natural environment report, including final technical editing and word processing.
- Equity and social justice (ESJ)
 - BERK: All content, consistent with proposed methodology, including strategy input to the public involvement plan developed under Task 3.9 and use of resulting information in evaluating impacts. As part of this task, the affected environment demographics relating to population by race, ethnicity, and age will be updated based on newly released data from the decennial census.
 - Parametrix: Final technical editing and word processing for consistency

As part of impact evaluations and to ensure consistency among these subjects, six (6) coordination meetings will occur during this task with participation from each subject lead.

The ESJ Methodology section D.4.2.1 calls for direct community engagement to collect information and local insights about community and social resources that may be at risk. To provide an additional and flexible option to engage directly with community residents, BERK will develop a simple online application for mapping community assets that can be used in community engagement identified under Task 3.9. The application will show the Study Area and map community assets identified during the Affected Environment phase. It will invite community members to provide their own comments about mapped assets, affirm others' comments, or add assets to the map. The app will provide simple prompts to elicit local knowledge about assets and potential implications of direct or indirect impacts to those assets. BERK will review and summarize all community input provided through this tool for consideration in the ESJ impact analysis as well as identification of mitigation and enhancement.

Assumptions

- Five alternatives will be evaluated. The two new alternatives will continue to focus on multi-benefit projects that can potentially reduce flooding in the Lower Green study area, as defined in previous scoping. Any expansion beyond that study area will be limited and likely addressing additional mitigation needs and enhancements.
- The evaluations will be based on previously approved methodologies. Any revisions to these methodologies through impact evaluation will be minor.
- The impact evaluations will be combined with the previously prepared methodologies and affected environment sections in updated, expanded versions of Appendix B: Built Environment; Appendix C: Natural Environment; and Appendix D: Equity and Social Justice.
- Each subject lead will provide quality control for content. Parametrix will provide overall quality control for the completed appendices.
- As part of impact evaluations and to ensure consistency among subjects, four (4) coordination meetings will occur during this task with participation from each subject lead.

- The Consultant will review all comments before they are posted live on the mapping application. This review will occur at least once a week. The District will provide guidance for the kinds of comments to remove (e.g., offensive or off topic).

Deliverables

- Draft and final versions of the Appendices B, C, and D. The final versions will be ready for publication in electronic and printed format.
- Draft and final online community asset mapping application

Task 3.4 Mitigation and Enhancements

The purpose of this task is to identify subject-specific mitigation and enhancements that will be the final sections in Appendices B, C, and D. The subject leads will recommend mitigation measures based on the results of the impact evaluations completed in Task 3.2. The subject leads will also identify opportunities for enhancements that could be incorporated into the alternatives that go above and beyond the measures needed for mitigation but provide benefits consistent with the District’s multi-benefit approach. The subject work (identified by firm) is as follows:

- Built environment
 - BERK: built environment, excluding the subjects specified for Globalwise, HRA, and Parametrix below
 - Globalwise: agricultural economics
 - HRA, cultural and historic resources
 - Parametrix: transportation, stormwater, sewage, and solid waste, as well as the compilation of all the subject work into the consolidated built environment report, including final technical editing and word processing.
- Natural environment:
 - WEST: Hydraulics/hydrology based on the modeling reports prepared by Northwest Hydraulic Consultants
 - Confluence: Aquatic biology and riparian habitat
 - Parametrix: Water quality and climate change, as well as the compilation of all subject work into the consolidated natural environment report, including final technical editing and word processing.
- Equity and social justice
 - BERK: All content
 - Parametrix: Final technical editing and word processing for consistency

Assumptions

- As part of mitigation development, planning-level cost estimates will be developed that enable these costs to be compared and contrasted between alternatives. These estimates will be combined with other costs in Appendix A and summarized in the main body of the PEIS.
- The full appendices will go through two rounds of review by the District.

- The District will not make substantial changes to previously reviewed sections of the appendices.
- The final version of these appendices is intended to be the version included in the publication of the Draft PEIS in electronic and printed form.

Deliverables

- Draft, revised draft, and final Appendices

Task 3.5 – Draft PEIS Chapters 1-4 and Executive Summary

The purpose of this task is to write the Executive Summary and first four chapters of the Draft PEIS, as described in the outline previously approved by the District. These chapters make up the main body of the PEIS. The intent of these chapters is to take the information presented in the appendices that is written at a college graduate level and intended for a knowledgeable reader and explain that information at a high-school level intended for the general public.

Assumptions

- Although the scope and budget assume the Draft PEIS will follow the outline previously approved by the District, the additional consideration of the multibenefit objectives could result in some changes to the outline. Re-ordering of general content can be accommodated within the proposed budget. Substantial additional content cannot.
- The first four chapters of the Draft PEIS will receive up to three rounds of review by the District.
- The Executive Summary will not be started until the first four chapters are finalized. The Executive Summary will receive two rounds of review by the District.
- The main body of the PEIS will include visual materials (photos, figures) that aid reader understanding. Some of these materials may be new (i.e., not developed as part of the appendices).
- The relative costs of the five PEIS alternatives will be incorporated at a summary level for comparison in the implementation section of the PEIS. The costs will be developed under Task 3.5 below.

Deliverables

- Draft, revised draft, preliminary final, and final Chapters 1 through 4
- Draft, revised draft, and final Executive Summary

Task 3.6 – Draft PEIS Remaining Appendices

The purpose of this task is to write all remaining content for the Draft PEIS, including finalization of content in Appendices A, as well as the following appendices:

- E: Public Engagement (Lund-Faucett)
- F: Correspondence
- G: References
- H: List of Contributors

Appendix A will include planning-level cost estimates prepared for up to ten (10) scenarios. For example, a scenario could be improvements to an existing PL84-99 levee to provide 18,800 cubic feet per second protection. Another scenario could be construction of a setback levee. Three (3) meetings with the District will help inform this process. These unit costs for the scenarios will undergo two (2) rounds of review by the District before incorporation in the appendix.

Assumptions

- Parametrix will finalize Appendix A using information provided to date by King County staff. New material will be reviewed by King County staff.
- The District will provide cost information to help inform development of the planning-level cost estimates.
- Other than the planning-level cost estimates, new material in Appendix A will be based on available literature provided by the District and King County staff. No site visits or analyses will be required.
- Up to three (3) additional illustrative sections are included that depict opportunities within the different facility types.

Deliverables

- Draft, revised draft, and final appendices A, and E through H.

Task 3.7 – Final Production of Draft PEIS

The purpose of this task is to complete those services necessary to allow the public access to the Draft PEIS, including the executive summary, main body, and appendices. These documents will be prepared for both electronic and printed distribution. The content will be identical. The electronic version will be designed for posting to the Districts' website as an ebook that can be read online, with web links between sections and volumes. The printed version will have section and volume references. An initial run of printed volumes will be produced for distribution to agencies, libraries, community centers, and others designated by the District. Additional printed copies of the draft EIS and/or appendices will be made available for on-demand printing and distribution through an order form on the project's existing website (www.lowergreenriversepa.org). The District may charge for the printed copies provided the charge is less than the cost of production and distribution.

The Consultant will assist the District by:

- Preparing files for both electronic and printed distribution.
- Preparing the website pages for the draft EIS, including the order form.
- Coordinating arrangements between the printer and the District for on-demand printing and distribution, including payment and order fulfillment.

Assumptions

- The District will contract directly with the printer for order processing, printing, and mailing. For the District's budgeting purposes, the printing costs that the District may incur are estimated at another \$15,000.
- The District will maintain the current project website on Squarespace

Deliverables

- Files for electronic distribution and on-demand printing.

Task 3.8 – Notice of Availability

The Consultant will draft a Notice of Availability (NOA), and cover letter for the Draft PEIS meeting SEPA requirements. The District will review and provide comments. After finalizing and with approval by the District, the Consultant will coordinate for the publication of the NOA per SEPA requirements, including direct expense for publishing in the Seattle Times, Daily Journal of Commerce, and three additional publications such as La Raza del Noroeste, NW Asian Weekly and Seattle Medium.

Assumptions

- The District will finalize and publish the NOA and produce the signed cover letter on District letterhead.

Deliverables

- Draft NOA and cover letter, submitted electronically as Word documents, for finalization by the District
- Final copy to the various publications

Task 3.9 – Modeling Coordination

The Consultant will peer review the hydraulic modeling results for Lower Green River PEIS Alternatives 4 and 5 to be performed by the District and its consultant, Northwest Hydraulic Consultants (NHC). The peer reviews include the following tasks:

- Review hydraulic models for alternative modeling and a technical memorandum on the hydraulic modeling and analysis of alternatives, and check responses to peer review comments
- Review a technical memorandum on the economics evaluation of alternatives, and check responses to peer review comments
- Four (4) 1-hour conference calls to discuss peer review comments after each peer review

As part of this task, the Consultant will also recommend revisions to the alternatives to meet the District's objectives. The recommended revisions will be based on an understanding of the hydraulic model and model results combined with field verification to confirm, provided by WEST and Parametrix.

Assumptions

- Dr. Henry Hu of WEST Consultants, Inc. will provide the peer review.
- Up to sixty (60) hours of field verification are included.
- Recommendations will be documented in up to three (3) technical memoranda.

Deliverables

- Draft and final technical memoranda, submitted electronically

Task 3.10 – Public Engagement and Communications

The purpose of this task is to engage with the public in preparation for and after issuance of the Draft PEIS. This work will be led by Kris Faucett (LuFa) will include the development of a public involvement plan (PIP) for this phase of the project, using the plan developed during the SEPA scoping phase as a starting point and with input from BERK regarding equity and social justice and input from Cascadia Policy Solutions regarding tribal coordination. The plan will advise on stakeholders to be engaged and specific activities. The activities identified below are assumed for the purpose of budgeting. Any changes will be coordinated with the District and documented in writing. Services are organized below according to project milestones.

Stakeholder engagement services relating to SEPA re-scoping:

- Preparing, printing, and mailing a postcard notice regarding the scoping meeting and comment period (30,000 postcards)
- Preparing an advertisement similar to that used during original scoping and submitting to up to four (4) reporter newspapers (Auburn, Kent, Renton, Tukwila) as well as La Raza del Noroeste, NW Asian Weekly and Seattle Medium so that the ad can be run 1 to 2 weeks in advance of the public meeting/open house
- Following up with up to thirty (30) phone call to entities/individuals engaged in initial scoping.
- Coordinating, publicizing, and implementing one online scoping meeting/open house. Content will rely heavily on materials and figures being developed for the Draft PEIS. However, some mapping and graphics services will be needed to refine these materials. Parametrix will provide a virtual open house platform called Engage. This tool enables people from their computers to enter a virtual open house and move around up to ten (10) stations
- Updating the project fact sheet and translating into up to five (5) languages likely to include Spanish, Russian, Chinese, Korean, and Vietnamese

Stakeholder engagement services to inform impact evaluations in the Draft PEIS:

- Identifying/engaging community leaders who can serve as liaisons to priority communities
- Conducting “meetings in a box” with community leaders: enabling leaders to directly engage their communities
 - Create facilitator’s packet (agenda, PPT, FAQ, handout(s))
 - Facilitate/staff meeting
 - Follow-up support time to answer questions, etc.
- Conducting up to twenty (20) one-on-one interviews with key leaders, guided by interviews conducted by Cascadia Policy Solutions in April/May 2020.
- Compensate leaders for their time/expertise (by products/tasks vs. by hour)
 - \$200 for hosting a community meeting for up to 10 meetings (estimated 5 hours of work – 2 hours of prep, 2 hours of facilitation, and 1 hour of wrap-up)
 - \$75 for working with the project team to strategize engagement efforts (per 1-hour conversation) for up to 50 conversations
 - \$50 for conducting an interview with a community member (estimated 45-minutes of work)

- \$30 gift card (up to 15) provided to community member for their time

Services prior to completion of the Draft PEIS:

- Drafting a press release at the District's discretion (e.g., potentially announcing the new alternatives) and identifying relevant news outlets
- Updating the project fact sheet and translating into up to five (5) languages likely to include Spanish, Russian, Chinese, Korean, and Vietnamese.
- Preparing/scheduling a District representative to attend up to four (4) local jurisdiction meetings prior to draft PEIS public hearing/comment period

Services announcing the Draft PEIS:

- Preparing, printing, and mailing a postcard notice regarding the PEIS hearing and comment period (30,000 postcards).
- Preparing a press release regarding the PEIS hearing and comment period and identifying relevant news outlets.

Outreach during the comment period:

- Preparing an advertisement similar to that used during scoping and submitting to up to four (4) reporter newspapers (Auburn, Kent, Renton, Tukwila) as well as La Raza del Noroeste, NW Asian Weekly and Seattle Medium so that the ad can be run 1 to 2 weeks in advance of the public meeting/open house
- Preparing/scheduling up to four (4) meetings with tribal staff to engage around draft PEIS/gain input
- Coordinating, publicizing, and implementing two meetings/open houses—one in-person and one online (virtual). Content for the two meetings will be the same and rely heavily on materials and figures developed for the Draft PEIS. However, some mapping and graphics services will be needed to refine these materials. For the meetings themselves:
 - The in-person public meeting/open house includes coordinating court reporter and Spanish interpreter.
 - Parametrix will provide a virtual open house platform called Engage. This tool enables people from their computers to enter a virtual open house and move around up to ten (10) stations. The visitor can choose between five languages.
- Developing a comment form, using the comment form from the scoping period as a starting point
- Following the comment period, preparing a report that documents participation and summarizes the comments made during the comment period

Ongoing services:

- Updating content for the District's website (LowerGreenSEPA.org) on four (4) occasions
- Preparing up to four (4) email communications to be shared or distributed by the District at appropriate project milestones
- Identifying and attending up to twenty (20) existing meetings relating to various constituencies (e.g., ESJ, recreation, agriculture, residential)

- Coordinating and staffing up to fifteen (15) meetings with affected stakeholder groups to educate and gain input
- Developing and implementing traditional and social media plan for ensuring Project information and ways to comment is disseminated
 - Q2 2021: Preview alternatives via media, utilize Chair Upthegrove
 - Q4 2021-Q1 2022: Release of draft PEIS, public hearing/online open house and comment period
 - Develop and submit one (1) op-ed (authored by Chair Upthegrove) and up to two (2) news media releases
 - Create social media content for Facebook, Twitter and Instagram (including core/evergreen and new/timely messages, graphics (up to 6)) to be used by @KCFloodDistrict and @CMUpthegrove
 - Develop an editorial calendar and post regularly (1/week)
 - Engage partners (King County, Lower Green jurisdictions, community leaders, etc.) to follow, share, comment, etc.
 - Use appropriate and popular hashtags to improve reach
 - Provide summary report

To support the process of gathering community insights relevant to ESJ, BERK will develop a simple online mapping application as described in Task 3.2.

Cascadia Policy Solutions will provide support for stakeholder relations by maintaining engagement with agencies, individuals, and tribes who participated in preliminary interviews in Spring 2020, and others as directed by Lund Faucett and approved by the District.

Assumptions

- Final PEIS outreach and reporting will be addressed in a subsequent scope.
- The District will manage the website and make edits and design revisions.
- Except for the postcard notice, the District will distribute mailings, emails. These materials will be provided in a format ready for transmittal.
- The District will distribute press releases electronically to relevant news outlets
- Budget for translations is included with material costs
- This scope assumes that there may be an in-person public meeting but that will depend on COVID/public health protocols
- Existing communications and social media channels will be utilized (King County Flood Control District, King County Council, partners, etc.)
- Lund Faucett will provide strategy and recommendations re: media and draft content
- District will distribute traditional and social media materials and posts
- District (Chair, Executive Director) will be spokesperson(s)

Deliverables

- Draft, revised draft, and final public involvement plan
- Draft, revised draft, and final materials, submitted electronically for review
- Draft, revised draft, and final report summarizing comment received on the Draft PEIS
- Draft, revised draft, and final community mapping application
- Draft, revised draft, and final virtual open house platform
- Draft and final meeting notes

Task 3.11 – Additional Translation and Interpretation Services

The Lower Green River study area includes a diverse population. About six (6) percent of all residents in the study area that are age five or older do not speak English or speak English “not well.” As part of engaging the public (Task 3.9 above), the Consultant will be inquiring about the best tactics for engaging and communicating with the community. To ensure the information in the draft PEIS is readily available, additional translation and interpretation services are anticipated, above and beyond those already described in Task 3.9 above. Subject to confirmation through outreach, these services could include:

- Translation of up to 200 pages of PEIS materials (specifics TBD) into up to five languages
- Establishment of a phone line where additional interpretation services can be provided as needed
- Additional meetings/communications with the community to ensure translation/interpretation activities are appropriate

Based on an initial assessment of these scenarios, a placeholder budget of \$150,000 is assumed for the purpose of this contract authorization. A detailed scope and budget must be submitted to and approved by the District’s SEPA Official before any work commences under this task.

Task 3.12 – Comment Catalog and Preliminary Review

The Consultant will use a software called SmartComment to log comments received during the comment period for the Draft PEIS.

Assumptions

- Up to 1,000 individual comments will be received (note – a single submission such as an email, letter, or comment form, can have multiple comments)
- Although comments will be cataloged and reviewed, responses will be deferred to a future authorization.
- Up to six (6) two hour meets with two (2) consultant staff with additional time for comment review to provide strategic input to the formulation of a preliminary preferred alternative.

Deliverables

- Comments logged into SmartComment
- Summary of themes in comments received that will be included in the report identified in Task 3.9.

- Notes for strategy meetings

Task 3.13 – Executive Steering Committee

The Consultant will provide strategic advice and guidance to District leadership and staff regarding ongoing engagement with the Executive Steering Committee. This includes providing guidance to strengthen collaboration with Executive Steering Committee members in order to refine a suitable framework recommendation for an additional PEIS alternative(s) for the District's consideration.

The Consultant will provide facilitation services for approximately five (5) additional meetings of the Executive Steering Committee. The Consultant will support the Executive Steering Committee's refinement of a framework recommendation to be considered by the District for development of a PEIS alternative(s). Committee support is intended to foster development of collective values, performance metrics, outcomes, and implementation processes for the District's consideration. The Consultant will also provide ongoing engagement and outreach with Executive Steering Committee members in advance of and after meetings to support meeting success as well as facilitate information sharing with District leadership.

Assumptions

- Up to two (2) hours per week of client coordination
- Up to ten (10) hours of preparation and debriefing in conjunction with the five (5) Executive Steering Committee meetings
- Up to two (3) hours per week of side meetings and outreach to Executive Steering Committee members and other key stakeholders and governmental entities

Deliverables

- Five (5) draft and final agendas for Executive Steering Committee meetings
- Five (5) annotated agendas for District Leadership use during Executive Steering Committee meetings
- Five (5) draft and final Executive Steering Committee meeting summaries

Task 3.14 – Visualization Tool

The purpose of this task is to enable the development of a tool that helps the public visualize the project area and the potential for inundation under the various alternatives. This task replaces work previously authorized in Task 2.7, providing opportunity for different options given advances in technology available. As shown in the attached budget crosswalk and described under Management Reserves below, Task 2.7 is closed out and the budget used to replenish management reserves. A placeholder budget of \$100,000 has been assumed for the purpose of this current authorization. A detailed scope and budget must be submitted to and approved by the District's SEPA Official before any work commences under this task.

Task 3.15 Intergovernmental Communication Strategy

The purpose of this task is to provide strategy input to intergovernmental communications if needed. A placeholder budget of \$20,000 has been assumed for the purpose of this current authorization. A detailed scope and budget must be submitted to and approved by the District's SEPA Official before any work commences under this task.

Task 99 – Unanticipated Services

The budget in the Unanticipated Services task is replenished to account for project uncertainty. Work under this task shall be in response to written direction given by the District with a clear scope and deliverables. Effort will be tracked and invoiced on a time and material basis, using approved rates and personnel. The sum of all efforts under this task shall not exceed the amount approved in the budget.

MANAGEMENT RESERVE

As previously authorized, the purpose of this task is to provide a means by which the District can authorize additional analyses to better meet the District’s objectives and communications support if needed to keep the public and stakeholders informed. The District has directed a substantial portion of the previously authorized budget toward stakeholder engagement and the convening of an Executive Steering Committee. In this amendment, the budget is partially replenished by the closeout of previously authorized Tasks 2.7 and 2.9, which are not needed or replaced, and the transfer of the budget to management reserves. Please see attached crosswalk spreadsheet for details. Then some additional budget is requested in this amendment to fully replenish the management reserves budget.

With this replenished budget, the District has the flexibility to authorize some combination of the following tasks:

- Extension of the study area into the middle Green River for the purpose of:
 - Mitigation of impacts resulting from flood facilities in the lower Green; and
 - Consideration of additional enhancements in the middle Green River that meet the District’s objectives for a balanced, multi-benefit approach.
- Provision of additional hydrologic modeling of existing conditions and up to two alternatives to determine the flood benefit of actions in the middle Green River and peer review.
- Additional strategy around Motion FCD20.07 and commitment to integrated floodplain management and multi-benefit projects and how those ideas are reflected in the plan/PEIS.
- Additional SEPA scoping to accept comments on actions or improvements in the middle Green River.
- Additional meetings of the Executive Steering Committee.

This work does not include considerations of actions beyond the authority of the District such as modifications to the Howard Hanson Dam. This work further assumes the purpose of the flood hazard management plan as established by King County Flood Control District Motions FCD18-01.1 does not change.

Work under management reserves will require the preparation a detailed scope and budget and approval by the SEPA Official. The sum of all efforts under this task shall not exceed the amount approved in the budget.

Budget Summary				Parametrix		BERK Consulting		Historical Research Associates		Globalwise		Confluence		West Consulting		Cascadia		Lund Faucett	
Task/ Subtask	Description	Labor Dollars	Labor Hours	Labor Dollars	Labor Hours	Labor Dollars	Labor Hours	Labor Dollars	Labor Hours	Labor Dollars	Labor Hours	Labor Dollars	Labor Hours	Labor Dollars	Labor Hours	Labor Dollars	Labor Hours	Labor Dollars	Labor Hours
02	Alternatives, Methodologies & Affected Environment																		
2.5	Alternatives	\$73,627.08	342	\$73,627.08	342														
03	Draft PEIS																		
3.1	Project Management	\$242,759.19	966	\$242,759.19	966														
3.2	SEPA Re-Scoping	\$44,766.41	240	\$44,766.41	240														
3.3	Impact Evaluations	\$455,979.50	2,815	\$161,716.36	840	\$96,804.60	681	\$19,761.56	170	\$31,132.00	172	\$93,302.26	650	\$46,962.72	284	\$6,300.00	18	\$0.00	0
	Impact Evaluations - Parametrix - Subject Matter Experts	\$82,958.33	450	\$82,958.33	450														
	Impact Evaluations - Parametrix - Compilation	\$19,214.78	130	\$19,214.78	130														
	Impact Evaluations - Parametrix - Oversight	\$59,543.25	260	\$59,543.25	260														
	Impact Evaluations - Berk	\$96,804.60	681			\$96,804.60	681												
	Impact Evaluations - HRA	\$19,761.56	170					\$19,761.56	170										
	Impact Evaluations - Globalwise	\$31,132.00	172							\$31,132.00	172								
	Impact Evaluations - Confluence	\$93,302.26	650									\$93,302.26	650						
	Impact Evaluations - West	\$46,962.72	284											\$46,962.72	284				
	Impact Evaluations - Cascadia	\$6,300.00	18													\$6,300.00	18		
3.4	Mitigations and Enhancements	\$238,873.61	1,368	\$119,977.65	586	\$40,225.40	260	\$13,867.70	118	\$14,842.00	82	\$34,888.26	242	\$15,072.60	80	\$0.00	0	\$0.00	0
	Mitigations and Enhancements - Parametrix - Subject Matter Experts	\$51,296.44	274	\$51,296.44	274														
	Mitigations and Enhancements - Parametrix - Compilation	\$12,566.58	84	\$12,566.58	84														
	Mitigations and Enhancements - Parametrix - Oversight	\$56,114.63	228	\$56,114.63	228														
	Mitigations and Enhancements - Berk	\$40,225.40	260			\$40,225.40	260												
	Mitigations and Enhancements - HRA	\$13,867.70	118					\$13,867.70	118										
	Mitigations and Enhancements - Globalwise	\$14,842.00	82							\$14,842.00	82								
	Mitigations and Enhancements - Confluence	\$34,888.26	242									\$34,888.26	242						
	Mitigations and Enhancements - West	\$15,072.60	80											\$15,072.60	80				
3.5	Draft PEIS Chapter 1-4 and Executive Summary	\$81,772.60	472	\$81,772.60	472														
3.6	Draft PEIS Remaining Appendices	\$132,631.16	746	\$120,268.72	642	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$12,362.44	104			\$0.00	0
	DEIS Remaining Back Matter - Parametrix	\$120,268.72	642	\$120,268.72	642														
	DEIS Remaining Back Matter - West	\$12,362.44	104											\$12,362.44	104				
3.7	Final Production of Draft PEIS	\$19,242.21	108	\$19,242.21	108	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0
	Final Production of Draft - Parametrix	\$19,242.21	108	\$19,242.21	108														
	Final Production of Draft - Lund Faucett	\$0.00	0															\$0.00	0
3.8	Notice of Availability	\$8,286.20	34	\$8,286.20	34														
3.9	Modeling Coordination	\$39,924.61	188	\$29,049.61	134	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$10,875.00	54			\$0.00	0
	Modeling Coordination/Peer review of Alts 4 & 5 - Parametrix	\$29,049.61	134	\$29,049.61	134														
	Modeling Coordination/Peer review of Alts 4 & 5 - West	\$10,875.00	54											\$10,875.00	54				
3.10	Public Engagement and Communications	\$201,364.79	969	\$30,274.79	140	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$25,750.00	80	\$145,340.00	749
	Public Engagement and Communications - Parametrix	\$30,274.79	140	\$30,274.79	140														
	Public Engagement and Communications - Cascadia	\$25,750.00	80													\$25,750.00	80		
	Public Engagement and Communications - Lund Faucett	\$145,340.00	749															\$145,340.00	749
3.11	Comment Catalog and Preliminary Review	\$31,974.15	140	\$31,974.15	140														
3.12	Additional Translation and Interpretation Services	\$150,000.00																	
3.13	Executive Steering Committee	\$156,920.90	517	\$31,970.90	160	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$124,950.00	357	\$0.00	0
	Executive Steering Committee - Parametrix	\$31,970.90	160	\$31,970.90	160														
	Executive Steering Committee - Cascadia	\$124,950.00	357													\$124,950.00	357		
3.14	Visualization Tool	\$100,000.00																	
3.15	Intergovernmental Communication Strategy	\$20,000.00																	
99	Unanticipated Services	\$20,000.00																	
Labor Totals		\$2,018,122.41	8,323	\$877,292.38	4,222	\$137,030.00	941	\$33,629.26	288	\$45,974.00	254	\$128,190.52	892	\$85,272.76	522	\$157,000.00	455	\$145,340.00	749
Direct Expenses		\$145,363.95		\$59,325.45		\$0.00		\$0.00		\$188.50								\$85,850.00	
Consultant Totals		\$2,163,486.36		\$936,617.83	4,222	\$137,030.00	941	\$33,629.26	288	\$46,162.50	254	\$128,190.52	892	\$85,272.76	522	\$157,000.00	455	\$231,190.00	749
Project Subtotal		\$2,163,486.36																	
Management Reserve		\$200,000.00																	
Project Total:		\$2,363,486.36																	

Task/ Subtask		Description	Labor Dollars	Labor Hours	Burdened Rates:																										
					CEO	Sr Consultant	Sr Consultant	Planner III	Sr. Consultant	Sr Consultant	Sr. Engineer	Sr. Consultant	Engineer III	Engineer I	Planner IV	Planner III	Planner IV	Water Division Mgr.	Engineer III	Sr. GIS Analyst	Designer IV	Sr. Scientist/Biologist	Planner IV	Sr. Engineer	Survey III	Survey Supervisor	Publications Supervisor	Sr. Graphic Designer	Sr. Technical Editor	Project Accountant	Sr. Project Coordinator
02	Alternatives, Methodologies & Affected Environment	\$73,627.08	342	2	60	60	24	36	0	36	0	0	0	0	60	0	24	0	8	0	0	0	0	0	16	0	16	0	0		
2.5	Alternatives	\$73,627.08	342	2	60	60	24	36	0	36	0	0	0	0	60	0	24	0	8	0	0	0	0	0	16	0	16	0	0		
	- Overlay multibenefit objectives	\$73,627.08	342	2	60	60	24	36	0	36	0	0	0	0	60	0	24	0	8	0	0	0	0	0	16	0	16	0	0		
03	Impacts, Mitigations, Draft EIS	\$845,331.48	4062	18	674	736	180	118	28	36	28	0	72	180	252	48	310	300	0	24	200	90	28	0	16	144	232	36	144		
3.1	Project Management	\$242,759.19	966	18	540	228	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	144		
	- Meetings	\$87,974.64	312		156	156																									
	- Other (internal coord., PMP, sched, subs, invoices, EV)	\$154,784.55	654	18	384	72																							36	144	
3.2	SEPA Re-Scoping	\$44,766.41	240	0	14	46	40	0	0	0	0	0	0	80	16	0	0	0	0	0	0	0	0	0	20	0	24	0	0		
	- Scoping Notice	\$9,685.91	52		2	6	40																						4		
	- Scoping Summary Report	\$35,080.50	188		12	40								80	16														20		
3.3	Impact Evaluations	\$161,716.36	840	0	20	120	80	66	12	100	16	0	40	80	80	24	0	0	0	0	40	60	16	0	0	16	0	70	0	0	
	- Water Quality - Subject Matter Experts	\$23,795.46	140							60	16				16														8		
	- Climate Change	\$12,899.25	54				50																						4		
	- Public Services and Utilities	\$31,177.12	176				16			40				80	16							16							8		
	- Transportation	\$15,086.50	80					12							8																
	- Technical Editing / Word Processing - COMPILATION	\$19,214.78	130												40	24													50		
	- Oversight and summary of cumulative effects	\$59,543.25	260		20	120	80														40								16		
3.4	Mitigation and Enhancement	\$119,977.65	586	0	20	120	24	52	16	72	12	0	32	40	36	24	0	0	0	0	40	30	12	0	0	16	0	40	0	0	
	- Water Quality	\$16,234.01	96							40	12		32		8														4		
	- Climate Change	\$8,489.52	36				32																						4		
	- Public Services and Utilities	\$18,880.03	104				12			24				40	8							12							4		
	- Transportation	\$7,692.88	38					8																						8	
	- Technical Editing / Word Processing	\$12,566.58	84												20	24														24	
	- Oversight and mitigation cost	\$56,114.63	228	20	120	24	8	8	8												40								16		
3.5	Draft PEIS Chapter 1-4 and Executive Summary	\$81,772.60	472			80	60								80						120								12	80	40
3.6	Draft PEIS Remaining Appendices	\$120,268.72	642	16	40												230	260											16	40	40
3.7	Final Production of Draft PEIS	\$19,242.21	108			24	8																						12	24	40
3.8	Notice of Availability	\$8,286.20	34			24	8																							2	
3.9	Modeling Coordination	\$29,049.61	134		10	4											80	40													
3.10	Public Engagement and Communications	\$30,274.79	140	0	28	56	0	0	0	0	0	0	0	0	56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	- PMX Virtual Meeting Platform	\$5,555.55	20		4	16																									
	- PMX Comment-Response Set up	\$4,250.22	24		8												16														
	- PMX General Oversight and meeting materials	\$20,469.02	96		16	40										40															
3.11	Additional Translation and Interpretation	\$0.00	0																												
3.12	Comment Catalog and Preliminary Review	\$31,974.15	140		40	40								60																	
3.13	Executive Steering Committee	\$31,970.90	160		20	60											80														
3.14	Visualization Tool	\$0.00	0																												
3.15	Intergovernmental Communication Strategy	\$0.00	0																												

Labor Totals:	\$877,292.38	4,222	18	694	796	180	118	28	172	28	0	72	180	332	48	310	300	0	0	200	90	28	0	0	72	144	232	36	144
Totals:	\$877,292.38	4,222	\$4,500.00	\$200,536.51	\$218,886.07	\$30,636.45	\$28,908.23	\$8,879.78	\$34,523.84	\$7,876.05	\$0.00	\$7,223.58	\$28,249.65	\$40,225.12	\$7,895.16	\$77,114.05	\$38,697.75	\$0.00	\$0.00	\$35,750.00	\$15,467.40	\$6,010.55	\$0.00	\$0.00	\$10,331.10	\$18,354.96	\$37,700.00	\$4,072.77	\$15,453.36

Direct Expenses	QTY	Rate
Mileage	598	\$0.575
SmartComment (comment-response software)	1	\$7,500
Engage (virtual meeting platform)	2	\$25,000
Ferry	2	\$18.00
Scoping Notice and Notice of Availability		
NW Asian Weekly (per line; 40 lines per notice)	80	\$5.00
Seattle Medium (per occasion; 2 occasions)	2	\$18.00
Seattle Times (per line; 40 lines per notice)	80	\$10.52
Daily Journal of Commerce (per line; 40 lines per notice)	80	\$2.10
Direct Expenses Total:		\$59,325.45
Project Total:		\$936,617.83

Berk Consulting				Associate Principle	Principal I	Associate III	Associate III	Associate II	Associate I	Project Associate
				Kevin Ramsey	Lisa Grueter	Jessica Hartman	Ben Silver	Lisa Johnson	Julie Tesch	Patricia Taylor
Burdened Rates:				\$180.06	\$244.86	\$119.93	\$118.11	\$112.35	\$103.75	\$75.26
Task/ Subtask	Description	Labor Dollars	Labor Hours							
03	Impacts, Mitigations, Draft EIS									
3.3	Impact Evaluations	\$96,804.60	681	122	89	88	120	132	130	0
	Built Environment report preparation	\$41,052.34	284	24	50	80	50	80		
	Impact Analysis Coordination Meetings (6)	\$8,728.92	42	24	18					
	Cumulative Impacts Coordination Meetings (3)	\$4,364.46	21	12	9					
	Support ESJ outreach strategy	\$5,488.82	42	10	2			10	20	
	ESJ community asset mapping tool	\$13,161.66	110	10	2	8	40		50	
	ESJ draft report preparation	\$21,061.38	158	40	8		10	40	60	
	Update Affected Environment with 2020 Census Data	\$2,947.02	24	2			20	2		
3.4	Mitigation and Enhancement	\$40,225.40	260	76	44	20	40	40	40	0
	Built Environment	\$18,847.84	124	20	24	20	40	20		
	ESJ	\$15,558.28	108	40	8			20	40	
	Mitigation coordination meetings (4)	\$5,819.28	28	16	12					

Labor Totals:	\$137,030.00	941	198	133	108	160	172	170	0
Totals:	\$137,030.00	941	\$35,651.88	\$32,566.38	\$12,952.44	\$18,897.60	\$19,324.20	\$17,637.50	\$0.00

Direct Expenses	QTY	Rate
Mileage		\$0.580
Fares		\$1.00
Direct Expenses Total:		\$0.00
Project Total:		\$137,030.00

Historical Research Association, Inc.				Jordan Pickrell	Brent Hicks	Natalie Perrin	Brian Durkin	Kayla Blackman	Dawn Vogel	Gabriel Frazier	Chrisanne Beckner	Jessica Frank
				Senior Archaeologist	Principal Archaeologist	Principal Architectural Historian	Archaeologist II	Research Historian	Editor	Archaeologist III / GIS Coordinator	Architectural Historian III	Production Specialist
Burdened Rates:				\$108.33	\$174.32	\$117.03	\$90.90	\$79.83	\$84.66	\$103.03	\$89.66	\$66.24
Task/ Subtask	Description	Labor Dollars	Labor Hours									
03	Impacts, Mitigations, Draft EIS											
3.3	Impact Evaluations	\$19,761.56	170	67	26	35	4	4	6	20	4	4
	Attend Meetings	\$3,391.80	24	12	12							
	Analyze alternatives	\$5,940.41	55	25	2	10	4	4		10		
	Drafting alternatives analysis sections	\$7,661.55	66	20	10	20			4	5	4	3
	Finalizing alternatives analysis sections	\$2,767.80	25	10	2	5			2	5		1
3.4	Mitigation and Enhancement	\$13,867.70	118	53	16	39	0	0	6	0	0	4
	Attend Meetings	\$2,261.20	16	8	8							
	Developing recommendations	\$2,602.24	22	10	2	10						
	Drafting mitigations and enhancements recommendations	\$6,685.37	59	25	4	24			4			2
	Second Draft and Final mitigation and enhancements sections	\$2,318.89	21	10	2	5			2			2

Labor Totals:	\$33,629.26	288	120	42	74	4	4	12	20	4	8
Totals:	\$33,629.26	288	\$12,999.60	\$7,321.44	\$8,660.22	\$363.60	\$319.32	\$1,015.92	\$2,060.60	\$358.64	\$529.92

Direct Expenses	QTY	Rate
Mileage		\$0.580
Fares		\$1.00
Direct Expenses Total:		\$0.00
Project Total:		\$33,629.26

Client: King County Flood Control District

Project: Lower Green River

Project No: 553-7543-802

<p>Globalwise Inc.</p>	<p>Principal Economist</p>
	<p>Bruce Prenguber</p>

Burdened Rates: \$181.00

Task/ Subtask	Description	Labor Dollars	Labor Hours	
03	Impacts, Mitigations, Draft EIS			
3.3	Impact Evaluations	\$31,132.00	172	
	Review output of hydrological modelling for crop and livestock impacts - 5 alternatives compared with no change	\$4,525.00	25	
	Review climate change induced impacts on agriculture	\$905.00	5	
	Estimate qualitative and quantitative impacts for no action and five alternatives	\$9,050.00	50	
	Analyze cumulative impacts (PMX adding 8 here)	\$4,163.00	23	
	Address food supply chain impacts within agricultural production areas	\$2,715.00	15	
	Draft impacts evaluation report section	\$5,430.00	30	
	Review 2 sets of review comments and revise reports	\$2,896.00	16	
	Prepare and participate in 6 coordination meetings	\$1,448.00	8	
3.4	Mitigation and Enhancement	\$14,842.00	82	
	Review and analyze prospective mitigation measures	\$4,344.00	24	
	Analyze expected benefits of mitigation and enhancement measures	\$3,258.00	18	
	Draft mitigation and enhancements report section	\$3,620.00	20	
	Address 2 sets of review comments and revise reports	\$2,534.00	14	
	Prepare and participate in 4 coordination meetings	\$1,086.00	6	

Labor Totals:	\$45,974.00	254	0
Totals:	\$45,974.00	254	\$0.00

Direct Expenses	QTY	Rate
Mileage	325	\$0.580
Fares		\$1.00
Direct Expenses Total:		\$188.50
Project Total:		\$46,162.50

Confluence Environmental Company				Chris Czesla	Chris Berger	Grant Novak	Nora Burton	Alexandra Karpoff	Kelly Muehling	Kathy Sitchin	Eric Doyle	Kelly Muehling	Chris Soncary	Amy Groesbeck
				Senior Principal	Senior Scientist	Senior Scientist	Accounting Manager	Project Scientist 2	Project Scientist I	Technical Editor	Senior Scientist	Project Scientist	Managing Senior	Project Scientist
Burdened Rates:				\$289.55	\$169.77	\$169.77	\$138.66	\$116.44	\$88.88	\$127.28	\$169.77	\$88.88	\$187.82	\$101.08
Task/ Subtask	Description	Labor Dollars	Labor Hours											
03	Impacts, Mitigations, Draft EIS													
3.3	Impact Evaluations	\$93,302.26	650	54	148	116	4	100	218	10	0	0	0	0
	Information review	\$22,400.48	184	8	16	16	4	60	80					
	Meetings (6)	\$7,411.62	48	6	12	12			18					
	Draft, rev draft, and final impact evaluation (5 alts)	\$62,132.00	410	40	120	80		40	120	10				
	Cumulative effects workshops (added by PMX)	\$1,358.16	8			8								
3.4	Mitigation and Enhancement	\$34,888.26	242	18	76	40	0	0	98	10	0	0	0	0
	Information review	\$11,983.32	84	8	24	12			40					
	Meetings (6)	\$7,411.62	48	6	12	12			18					
	Draft, rev draft, and final mitigation opportunities memo	\$15,493.32	110	4	40	16			40	10				

Labor Totals:	\$128,190.52	892	72	224	156	4	100	316	20	0	0	0	0
Totals:	\$128,190.52	892	\$20,847.60	\$38,028.48	\$26,484.12	\$554.64	\$11,644.00	\$28,086.08	\$2,545.60	\$0.00	\$0.00	\$0.00	\$0.00

Direct Expenses	QTY	Rate
Mileage		\$0.580
Fares		\$1.00
Direct Expenses Total:		\$0.00
Project Total:		\$128,190.52

WEST Consultants, Inc.				Henry Hu	J. Paul Rinehimer	Peter Regan	Ray Walton	Katie Messick
				Lead Hydraulic Engineer	Senior Engineer	Staff Engineer	QA/QC Lead	Senior Scientist
Burdened Rates:				\$240.06	\$165.48	\$102.32	\$279.90	\$108.01
Task/ Subtask	Description	Labor Dollars	Labor Hours					
03	Impacts, Mitigations, Draft EIS							
3.3	Impact Evaluations	\$46,962.72	284	128	0	108	0	48
	Gather information	\$3,148.32	20	8		12		
	Description of Alt. 2-5 ⁽¹⁾	\$43,814.40	264	120		96		48
3.4	Mitigation and Enhancement	\$15,072.60	80	50	0	30	0	0
	Help identify potential mitigation options ⁽²⁾	\$15,072.60	80	50		30		
3.6	Remaining Back Matter	\$12,362.44	104	12	0	80	0	12
	Sections of 2.1, 2.2, and 2.3 of PEIS Appendix A	\$12,362.44	104	12		80		12
3.9	Modeling Coordination	\$10,875.00	54	26	28	0	0	0
	Review hydraulic modeling and analysis for Alt. 5 and 6	\$5,164.80	24	16	8			
	Review economics evaluation for Alt. 5 and 6	\$4,088.04	22	6	16			
	Attend conference calls	\$1,622.16	8	4	4			

Labor Totals:	\$85,272.76	522	216	28	218	0	60
Totals:	\$85,272.76	522	\$51,852.96	\$4,633.44	\$22,305.76	\$0.00	\$6,480.60

Direct Expenses	QTY	Rate
Mileage		\$0.580
Fares		\$1.00
Direct Expenses Total:		\$0.00

Project Total: \$85,272.76

Note:
⁽¹⁾ Some analysis using NHC's results may be required.
⁽²⁾ Use NHC's model results.

Cascadia Policy Solutions				Jay Manning	Maia Bellon	Suzanne Powers	Meghan Gavin
Burdened Rates:				\$350.00	\$350.00	\$125.00	\$250.00
Task/ Subtask	Description	Labor Dollars	Labor Hours				
03	Impacts, Mitigations, Draft EIS						
3.3	Impact Evaluations	\$6,300.00	18	9	9	0	0
	Prepare for (3) workshops	\$2,100.00	6	3	3		
	Participate in (3) workshops	\$4,200.00	12	6	6		
3.10	Public Engagement and Communications	\$25,750.00	80	0	70	10	0
3.12	Executive Steering Committee	\$124,950.00	357	87	270		

Labor Totals:	\$157,000.00	455	96	349	10	0
Totals:	\$157,000.00	455	\$33,600.00	\$122,150.00	\$1,250.00	\$0.00

Direct Expenses	QTY	Rate
Mileage		\$0.580
Fares		\$1.00
Direct Expenses Total:		\$0.00
Project Total:		\$157,000.00

				Kris Faucett	Vanessa Lund	Will Hallett/ Joy Johnston
				Partner	Research Director	Associate
Lund-Faucett						
Cost Rates:						
Burdened Rates:						
				\$245.00	\$200.00	\$130.00
Task/ Subtask	Description	Labor Dollars	Labor Hours			
03	Impacts, Mitigations, Draft EIS					
3.7	Final Production of Draft					
3.10	Public Engagement (Timeframe: April (Q2) 2021 through March (Q1) 2022 (12 months))	\$145,340.00	749	282	222	245
	Develop Public Involvement Plan (PIP)(LuFa to prepare, including coordinating with BERK re: ESJ outreach strategy) and oversee outreach	\$7,115.00	35	15	12	8
	Update Project Website-LowerGreenSEPA.org (LuFa provides 3 content updates; Flood District implements changes and makes design revisions)	\$3,235.00	16	7	5	4
	Maintain Project Database (LuFa advises on stakeholders, Parametrix maintains database and Flood District distributes mailings/emails)	\$6,650.00	38	10	8	20
	Develop Project Materials: LuFa updates existing project fact sheet (1 update); develops key messages and FAQ; updates scoping public hearing notice; updates scoping comment form; develops ESJ Mapping Tool (BERK) flyer; and drafts project emails (up to 4) which Flood District distributes to project database	\$10,370.00	54	20	15	19
	Develop/place advertising: update scoping ad, submit to appropriate news outlets	\$3,080.00	18	4	4	10
	Conduct Media Relations: LuFa drafts traditional and social media plan and develops 2 news releases, media contact list and 1 op-ed; Flood District distributes releases, utilizes and manages existing social media channels and serves as project spokesperson(s)	\$7,590.00	42	10	14	18
	Conduct Stakeholder Interviews to gain outreach insights and build project allies: LuFa conducts up to 15, including identifying participants, develop guide, conduct interviews, and prepare summary report	\$18,670.00	94	36	33	25
	Lead Community Leaders collaboration: LuFa to conduct "meetings in a box" (up to 5) including developing agenda, facilitating meeting and conducting follow-up to engage leaders in community outreach	\$11,220.00	57	24	15	18
	Coordinate public meetings: LuFa to manage scheduling, location (and online), logistics, participants, talking points, materials, staffing meeting and wrap up, etc.	\$17,560.00	96	32	20	44
	Conduct telephone calls (up to 30) with entities/individuals engaged in initial scoping	\$6,400.00	35	10	10	15
	Participate in existing stakeholder meetings (up to 15): LuFa will identify/attend existing meetings and coordinate/staff meetings with impacted stakeholders; Flood District to attend	\$10,765.00	54	21	19	14
	Identifying and staffing up to meetings (up to 12) with affected stakeholders to educate and gain input	\$7,245.00	36	15	12	9
	Lead Government/Tribal engagement: LuFa will develop strategy and prepare Flood District representatives to attend local jurisdiction meetings (up to 4) and conduct engagement with Muckleshoot Tribal Staff (assumes Cascadia/Maia Bellon to provide support/SME)	\$6,960.00	34	16	10	8
	Identify/lead ESJ engagement including print/mobile friendly options (in collaboration with BERK): TBD with more information	\$12,395.00	63	25	19	19
	Project management: including project team meetings, communications, reporting	\$7,935.00	36	21	12	3
	Contingency: to allow for flexibility in additional community/ESJ outreach	\$8,150.00	41	16	14	11
	Labor Totals:	\$145,340.00	749	282	222	245
	Totals:	\$145,340.00	749	\$69,090.00	\$44,400.00	\$31,850.00

Direct Expenses	QTY	Rate	Cost
Translation needs (assumptions; up to 4 for open house boards, fact sheet in 4 languages)			\$14,500
Interpreter (Spanish) for public open house (4 hours / 2 interpreters may be needed depending on meeting format)			\$1,000
Court reporter (4 hours + transcription fees)			\$2,500
Advertisements (design, placement)			\$3,000
Postcard mailing re: public hearing (design, printing, postage approx. 27,300 pieces)	1		\$27,000
Designs costs for 10 boards, ESJ mapping tool flyer and 1-2 other pieces	1		\$12,750
Flyer distribution / and/or additional targeted mailing(s)			\$8,000
Public hearing (materials design, technology, interpreter, etc.)			\$10,000
Community leaders compensation (assumptions: \$200 for hosting a community meeting x 10 meetings)			\$2,000
Community leaders compensation (assumptions: \$75/hour for advising project team X 50 hours)			\$3,750
Community leaders compensation (assumptions \$50 per interview (45-minutes), up to 15 interviews)			\$750
\$30 gift cards provided to community member being interviewed (assumptions: 15 interviews)			\$600
Mileage		\$0.580	
Fares		\$1.00	
Direct Expenses Total:			\$85,850

Project (LABOR) Total: \$145,340.00

EXHIBIT C
KING COUNTY FLOOD CONTROL ZONE DISTRICT BILLING INVOICE

To: King County Flood Control Zone District
Michelle Clark, Executive Director
516 Third Avenue, Room 1200, W-1201
Seattle, WA 98104
Phone: (206) 477-2985
michelle.clark@kingcounty.gov

Invoice Number: _____ Date of Invoice: _____

Consultant: _____

Mailing Address: _____

Telephone: (). _____

Contract Period: _____ Reporting Period: _____

Amount requested this invoice: \$ _____

Attach itemized description of services provided.

Specific Program: _____

Authorized signature

For District Use Only

BUDGET SUMMARY

Total contract amount	\$ _____
Previous payments	\$ _____
Current request	\$ _____
Balance remaining	\$ _____

Approved for Payment by: _____ Date: _____

EXHIBIT D
KING COUNTY FLOOD CONTROL ZONE DISTRICT
Michelle Clark, Executive Director
516 Third Avenue, Room 1200, W-1201
Seattle, WA 98104
Phone: (206) 477-2985
michelle.clark@kingcounty.gov

TAX IDENTIFICATION NUMBER

In order for you to receive payment from the King County Flood Control Zone District (“District”), the consultant must have either a Tax Identification Number or a Social Security Number. The Internal Revenue Service Code requires a Form 1099 for payments to every person or organization other than a corporation for services performed in the course of trade or business. Further, the law requires the District to withhold 20% on reportable amounts paid to unincorporated persons who have not supplied us with their correct Tax Identification Number or Social Security Number.

Please complete the following information request form and return it to the District prior to or along with the submittal of the first billing invoice.

Please complete the following information request form and return it to the District prior to or along with the submittal of the first billing invoice.

Please check the appropriate category:

Corporation Partnership Government Consultant

Individual/Proprietor Other (explain)

TIN No.: _____

Social Security No.: _____

Print Name: _____

Title: _____

Business Name: _____

Business Address: _____

Business Phone: _____

Date: _____