



**AMENDMENT NO. 1
PROFESSIONAL SERVICES AGREEMENT**

This Amendment to Professional Services Agreement (“**Amendment**”) is effective as of the date of the Mayor’s signature below, and is between the City of Everett, a Washington municipal corporation (the “**City**”), and the person identified as the Service Provider below (“**Service Provider**”). The City and Service Provider are parties to the Professional Services Agreement described below, as may be previously amended (“**Agreement**”). In consideration of the covenants, terms and conditions set forth below, and for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the City and Service Provider agree to amend the Agreement as set forth below:

Service Provider	HDR Engineering, Inc.
City Project Manager	Souheil Nasr
	snasr@everettwa.gov
Original Agreement Date	12/16/2022

AMENDMENTS							
New Completion Date (Section 3)	<p>If this Amendment changes the Completion Date, enter the new Completion Date: 12/31/2027</p> <p>If no new date is entered, this Amendment does not change the Completion Date.</p>						
New Maximum Compensation Amount (Section 4.D)	<p>If this Amendment changes compensation, complete the following table. If the table is not completed, this Amendment does not change compensation.</p> <table border="1" style="width: 100%;"> <tr> <td>Maximum Compensation Amount Prior to this Amendment</td> <td align="right">\$2,994,000</td> </tr> <tr> <td>Compensation Added (or Subtracted) by this Amendment</td> <td align="right">\$1,049,052</td> </tr> <tr> <td>Maximum Compensation Amount After this Amendment</td> <td align="right">\$4,043,052</td> </tr> </table>	Maximum Compensation Amount Prior to this Amendment	\$2,994,000	Compensation Added (or Subtracted) by this Amendment	\$1,049,052	Maximum Compensation Amount After this Amendment	\$4,043,052
Maximum Compensation Amount Prior to this Amendment	\$2,994,000						
Compensation Added (or Subtracted) by this Amendment	\$1,049,052						
Maximum Compensation Amount After this Amendment	\$4,043,052						

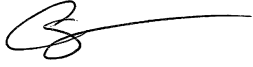
<p>Changes to Scope of Work</p>	<p>Scope of Work is changed by ADDING the work in the attachment to this Amendment </p> <p>Leaving selection as “Click for Dropdown Menu” means no change to Scope of Work.</p>
<p>Other Amendments</p>	<p>The addition to the Scope of Work is in attached Exhibit A-1.</p> <p>Agreement Exhibit B is amended by adding the attached Exhibit B-1.</p>
<p>Standard Amendment Provisions</p>	<p>Regardless of the date(s) on which this Amendment is signed by the parties, and regardless of any Agreement completion date(s) that may have been in the Agreement prior to this Amendment, the parties agree that the Agreement is deemed continuously in effect since the Original Agreement Date.</p> <p>This Amendment may be signed in counterparts, each of which shall be deemed an original, and all of which, taken together, shall be deemed one and the same document. AdobeSign signatures are fully binding. Any ink, electronic, faxed, scanned, photocopied, or similarly reproduced signature on this Amendment will be deemed an original signature and will be fully enforceable as an original signature.</p> <p>All provisions in the Agreement shall remain in effect except as expressly modified by this Amendment. From and after the effective date of this Amendment, all references to the Agreement in the Agreement are deemed references to the Agreement as modified by this Amendment.</p>

SIGNATURES ON FOLLOWING PAGE

IN WITNESS WHEREOF, the City and Service Provider have executed this Amendment.

**CITY OF EVERETT
WASHINGTON**

HDR ENGINEERING, INC.



Cassie Franklin, Mayor

07/19/2024

Date

ATTEST



Office of the City Clerk

Rob Berman

Signature: _____

Name of Signer: Rob Berman

Title of Signer: Senior Vice President

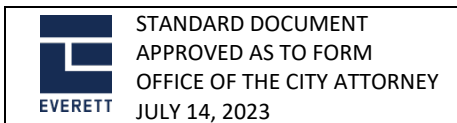


EXHIBIT A1

City of Everett
Replacement of Reservoir 3
Contract Amendment No. 1

Scope of Services

June 10, 2024



2707 Colby Avenue
Suite 700
Everett, WA 98201
(425) 744-7440

Table of Contents

Background	1
Task 100 – Project Management	2
Task Objective	2
Consultant Services	2
Client Responsibilities.....	2
Assumptions.....	2
Deliverables	2
Task 200 – Preliminary Design Report	2
Task Objective	2
Consultant Services	2
Client Responsibilities.....	2
Assumptions.....	2
Deliverables	2
Task 300 – Phase 1 Design Phase Services	3
Task Objective	3
Consultant Services	3
Client Responsibilities.....	4
Assumptions.....	4
Deliverables	4
Task 700 – Design Support Services	4
Task Objective	4
Subtask 700.5 – Geotechnical (HWA GeoSciences).....	4
Consultant Services	4
Client Responsibilities.....	5
Assumptions:.....	5
Deliverables:	5
Subtask 700.6 – PFAS Reuse Plan	5
Consultant Services	5
Client Responsibilities.....	6
Assumptions.....	6
Deliverables	6
Task 800 – Unanticipated Services – Management Reserve	6
Consultant Services	6
Client Responsibilities.....	6
Assumptions.....	7
Deliverables	7
Subtask 900 – Phase 1 Engineering Services During Construction	7
Objective:	7
HDR Services:	7

Client Responsibilities.....	9
Assumptions:.....	9
Deliverables:	11
Schedule.....	12
Fee	13

SCOPE OF SERVICES

Background

Reservoir No. 3 was originally constructed nearly 100 years ago as a below grade square concrete reservoir with a capacity of 20 million gallons (MG). A cover was constructed over the reservoir approximately 30 years ago and has been determined to be in need of repair. HDR performed a seismic evaluation of Reservoir No. 3 as part of the 2020 Comprehensive Water Plan (CWP) and determined that retrofitting the reservoir's cover to meet current seismic codes would be cost prohibitive and difficult to construct. Taking the existing reservoir offline for an extended period of time is not feasible. In addition, there is a significant risk that the existing reservoir's embankments could not survive a large seismic event (Magnitude 7.4 South Whidbey Island Fault (SWIF) Scenario as required by IBC 2018/ASCE 7-2016), causing a structural failure of the reservoir.

The City of Everett, Washington (City) recently decided to embark on this replacement of Reservoir No. 3 as quickly as possible because of the reservoir cover's rapidly deteriorating structural condition. The objective of this project is to design and prepare plans, specifications, and estimate (PS&E) for the construction of a minimum of two ground storage reservoirs (GSR) totaling a minimum of 20 MG storage to meet current seismic code requirements.

The project will be implemented in two separate design phases and performed under separate construction contracts. Phase 1 includes the construction and completion of two 4 MG reservoirs, resulting in a total of 8 MG of storage, while the existing 20 MG reservoir remains in service. Phase 2 will begin after the Phase 1 reservoirs are constructed and placed in service. In Phase 2, the existing 20 MG reservoir will be demolished, and a single reservoir with a minimum storage capacity of 12 MG will be constructed.

During the 30% Design Review Workshop on July 10, 2023, the concept of constructing a single 8 MG reservoir in the Fire Training Facility in lieu of the two 4 MG reservoirs as part of Phase 1 was proposed by the City. This was made possible by the Fire Department expressing a willingness to permanently vacate the site. This concept warranted additional consideration and the City authorized Task 800.2 as part of the Management Reserve Authorization No. 2 to continue to develop the concept which will delay the overall schedule of the contract. This concept was determined to be feasible and the City authorized HDR to proceed forward with revising the PDR based on the single 8 MG reservoir on July 20, 2023.

On October 5th, 2023 HDR presented the City with a draft of Amendment 1 to cover additional design services associated with the revised reservoir location including additional geotechnical explorations and sampling for per and polyfluoroalkyl substances (PFAS). This was updated again on October 25th, 2023 to add three additional geotechnical borings for PFAS. The total budget required exceeded what was remaining in the management reserve following Task 800.2. The City authorized these efforts proceed utilizing budget from future design phases and a future amendment be executed after Phase 1 bidding based on actual invoiced amounts and would include engineering services during construction for Phase 1 construction. This updated amendment includes costs incurred during the finalization of Phase 1 design, engineering services during construction for Phase 1, additional effort to address PFAS during Phase 2 as well as a replenishment of the management reserve.

Task 100 – Project Management

Task Objective

Monitor, control, and adjust scope (upon mutual agreement), schedule, and budget as well as provide monthly status reporting, accounting, and invoicing and project coordination with the City.

Consultant Services

1. The amendment increases the fee for additional geotechnical coordination from sub-consultant (HWA GeoSciences) with design team due to potential per- and polyfluoroalkyl substances (PFAS) impacts and change in foundation design due to differing site conditions.

Client Responsibilities

1. Continuation of original scope of work.

Assumptions

1. This amendment does not increase the contract duration.

Deliverables

1. Continuation of original scope of work.

Task 200 – Preliminary Design Report

Task Objective

Develop alternatives for replacement reservoirs, identify a preferred alternative, and prepare the Project Report for the proposed water storage improvements for submittal to the Washington State Department of Health (DOH).

Consultant Services

1. Revise original Preliminary Design Report (PDR) submitted to DOH on April 24th, 2023 to include the single 8 MG reservoir in the Fire Training Facility in lieu of the two 4 MG reservoirs as part of Phase 1 construction.

Client Responsibilities

1. Continuation of original scope of work.

Assumptions

1. An additional Preliminary Design Report Review Workshop will not be required.

Deliverables

1. Draft and Final Preliminary Design Report (PDF) including comment log (Excel format).

Task 300 – Phase 1 Design Phase Services

Task Objective

The purpose of this task is to design and prepare contract documents for one 8 MG ground storage reservoir while the existing 20 MG reservoir remains in service throughout the duration of Phase 1 construction.

Consultant Services

1. Consultant will prepare 60% design contract documents and prepare a Class 3 Opinion of Probable Construction Cost (OPCC) for City's review based on the updated Final Preliminary Design Report (PDF). The additional design efforts include the following:
 - a) Review and evaluate previously performed hydraulic analysis based on the new single 8 MG ground storage reservoir location.
 - b) Revise previously submitted 30% drawings based on new single 8 MG ground storage reservoir location.
 - c) Evaluate shoring and grading requirements needed to construct and access the foundation of the new single 8 MG ground storage reservoir at the current fire training facility without impacting adjacent utilities such as the Alderwood Water and Wastewater District (AWWD) water transmission mains.
 - d) Soils conditions at the revised reservoir site have different bearing capacities than the previously considered site requiring a more complex mat slab foundation. Consultant services include the design of this foundation.
2. Provide an update of the Stormwater TM as part of 30% Design Submittal based on new single 8 MG ground storage reservoir location.
3. Provide a draft PFAS Analysis Technical Memorandum (TM) based on the soil samples performed under Subtask 700.5 which consists of the following:
 - a) Prepare site map(s) depicting soil boring locations,
 - b) Compile laboratory analytical results in tabular format,
 - c) Compare soil analytical results to State of Washington regulatory screening criteria,
 - d) Discuss alternatives for contaminated soil management, as applicable.
 - e) Implement design changes to support the preferred alternative of onsite stockpiling and reuse.
4. Implement City requested design changes beyond the anticipated scope of the project as follows:
 - a) Combined inlet and outlet flow metering.
 - b) Connection from the Bypass Line to AWWD PS 2 Suction Line.
 - c) Installation of a new AWWD PS 2 service meter.
 - d) Replacement of existing sanitary sewer between under site access off of Evergreen Way.
 - e) Decant storage for stormwater and associated geotechnical support to assess construction adjacent to steep slopes.

Client Responsibilities

1. Continuation of original scope of work.

Assumptions

1. A 30% design submittal or review workshop will not be required for the new single 8 MG ground storage reservoir.
2. Construction access into and out of the site will be limited to the existing entrance off of Evergreen Way.
3. Stormwater memorandum to be based on Department of Ecology (DOE) requirements for new development.
4. Participate in two (2) virtual meetings with the City to discuss PFAS data interpretations and soil disposition.

Deliverables

1. Continuation of original scope of work based on one 8 MG ground storage reservoir including plans and specifications related to additional work items.
2. Revised Stormwater TM (PDF format)
3. Draft and final report of PFAS Analysis Technical Memorandum (TM) in PDF format.

Task 700 – Design Support Services

Task Objective

The purpose of these subtasks is to provide design support services that assist in the development of the contract documents of both Phase 1 and Phase 2 design and construction contracts.

Subtask 700.5 – Geotechnical (HWA GeoSciences)

Consultant Services

1. Develop an additional Subsurface Exploration Work Plan memoranda for two (2) additional geotechnical soil borings at the new single 8 MG ground storage reservoir location. The work plan will detail the type, location, and extent (depth, sampling interval, in-situ testing, and instrumentation installation) of proposed field explorations along with logistics necessary to perform the work such as traffic control plans and staging areas.
2. Additional Field Explorations were performed on the site as follows:

Two borings to a depth of 50 feet and three borings to depths of 20 feet. A monitoring well was installed in one of the 50 foot borings however this monitoring was never utilized due to the presence of PFAS in the soils.

Borings were advanced with a hollow-stem auger, trailer-mounted drill rig operated by an independent firm working under subcontract. Throughout the drilling operation, soil samples were be obtained at 2.5-foot intervals to 20 feet below ground surface and at 5-foot intervals thereafter by the Standard Penetration Test (SPT) procedure (ASTM:D-1586) or similar method. The samples at 5-, 10-, and 15- feet were sampled using a 3-inch outside diameter Modified California Sampler (CAL) to obtain samples for

perfluorinated compound (PFC) environmental laboratory analysis by an independent firm working under subcontract. Due to the environmental sampling requested, the drillers decontaminated the drilling equipment prior to arriving at the site, in between each boring location, and upon completion of the drilling. All investigation derived waste (IDW; i.e., soil cuttings, purged groundwater, and decontamination water) were placed in 55-gallon drums and stored onsite pending analytical results for proper disposal. As part of the IDW disposal requirements, one composite soil sample collected from both of the borings will be collected for analysis of diesel, oil, and gasoline-range total petroleum hydrocarbons; benzene, toluene, ethylbenzene, and xylenes (BTEX), and Resource Conservation and Recovery Act (RCRA) 8 metals.

3. Revised Draft Geotechnical Engineering Report to provide geotechnical engineering recommendations from the additional geotechnical bores and associated laboratory analysis.
4. Performed additional geotechnical analysis based on new soil bearing capacity at the 8 MG site which differed from the twin 4 MG site.
5. Performed additional geotechnical analysis related to the construction of stormwater detention vaults adjacent to the steep slopes on the west side of the site.

Client Responsibilities

1. City to coordinate with the fire department to relocate equipment within the fire training facility to perform the additional field explorations.

Assumptions:

1. The Draft Geotechnical Report will be delivered prior to the 60% design milestone.

Deliverables:

1. Revised Draft Geotechnical Report (PDF format)
2. Additional geotechnical analysis documented in Final Geotechnical Report. (PDF format)

Subtask 700.6 – PFAS Reuse Plan

Consultant Services

The following is added to the scope of work for Task 500:

1. **Contamination Management Plan and Land Use Control Documentation:** The objective of the contamination management plan (CMP) is to support the potential for handling and reuse of PFAS-contaminated soil at the Reservoir 3 site. The objective of the land use control (LUC) documentation is to specify the long-term use and monitoring requirements of the PFAS-contaminated soil reuse location. The development of the CMP and LUC document will address safe soil handling and State of Washington Department of Ecology (DOE) requirements for soil reuse. This task will consist of the following activities:
 - a) Review of existing documents regarding subsurface soil chemical characteristics and groundwater depth
 - b) Review of evolving PFAS regulations
 - c) Identification of project-specific soil and groundwater screening levels

- d) Presentation of maximum contaminant concentrations for worker contaminant exposure mitigation
- e) Presentation of soil management practices during construction including dust control, air monitoring, soil storage and reuse requirements
- f) Estimations of contaminated soil volume
- g) Preparation of draft land use control (LUC) requirements with the intent for long-term storage of PFAS-containing soils at the site. The LUCs will be designed to be protective of groundwater and future construction worker exposure. This activity will include up to four (4) virtual meetings with the DOE.

Client Responsibilities

1. Participate in DOE Coordination calls.

Assumptions

1. Estimates of groundwater dewatering quantities are not included.
2. Soil and groundwater management practices will not specify contractors means and methods.
3. This task includes identification of but not applying for or securing permits, nor the recording of deed modifications with the County, if required.
4. Virtual meetings with the DOE will have two HDR attendees. These meetings will be one hour in duration and 2 hours is budgeted for each attendee for preparation, attendance and follow-up.

Deliverables

1. Draft and Final CMP, emailed in PDF format.
2. Draft and Final LUC, emailed in PDF format.

Task 800 – Unanticipated Services – Management Reserve

Consultant Services

1. It is difficult to accurately anticipate all the issues that may arise during the development of the project. This task establishes a management reserve for unidentified and unanticipated work.
2. This task is specifically designed to allow payment to HDR under this contract for changes in the scope of work which the City determines to be necessary. The funds included in this task cannot be utilized without written approval for each additional task from the City.

Client Responsibilities

1. When identified, authorize additional services via email and/or in other written form.

Assumptions

1. The total budget of the management reserve is increased by \$203,165 matching the invoiced to date value incurred during Phase 1.

Deliverables

1. To be determined.

Subtask 900 – Phase 1 Engineering Services During Construction

Objective:

Provide engineering services during construction for the construction of Phase 1.

HDR Services:

1. *Schedule of Values Review*: Review Contractor's Schedule of Values (cost breakdown) by comparison to Engineer's Opinion of Probable Construction Cost and the Contractor's Baseline Schedule to establish a balanced distribution of costs to the various elements of the total construction to serve as a basis for progress payments and determination of cost impact of changes.
2. *Submittal Review*: Review shop drawings, diagrams, illustrations, catalog data, schedules and samples, the results of tests and inspections, and other data which the Contractor is required to submit.
3. *Request for Information (RFI)*: Provide responses to questions by the Contractor on the drawings, specifications, or other Contract documents.
4. *Field Orders*: Provide coordination and review to identify the need for minor changes in the Work consistent with the design intent which do not require a change in Contract Time or Contract Price.
5. *Change Proposal Requests*: Provide coordination and review to identify the need for changes to Work consistent with the design intent which require changes in Contract Price and/or Contract Time.
6. *Work Change Directives*: Provide a directive to Contractor when fair and reasonable pricing for a change item cannot be negotiated or when a change item is critical to the project schedule.
7. *Change Orders*: Coordinate the combining of change documentation into Change Orders for execution by Contractor and the City.
8. *Pre-Construction Conference*: Attend a Pre-Construction Conference with the City and the Contractor.
9. *Weekly Construction Meetings*: Attend weekly construction meetings with the Contractor's representative(s) and the City's Representative to assist in implementing the construction process.
10. *Field Visits*: HDR team will conduct periodic site visits throughout the duration of the project to observe construction progress, observe deficient work identified by the City and witness field tests as requested.

11. *Structural Support Services*: The structural subconsultant will perform the following.
 - a. Participation in weekly construction meetings.
 - b. Review of structural submittals.
 - c. Structural Observations.
 - d. Record Drawings
12. *Geotechnical Support Services*: The geotechnical subconsultant will perform the following.
 - a. Review Contractor RFIs and Submittals.
 - b. Virtual meeting participation (weekly construction meetings or specific to RFI/submittal review).
 - c. Geotechnical Observations.
13. Receive and review Contractor's required substantial completion submittal, and determine if Project is ready for substantial completion inspection, including:
 - a. Develop substantial completion submittal checklist.
 - b. Verify submittal of required documents.
 - c. Review Contractor's punchlist and Consultant's progressive list of incomplete and deficient items and determine if the substantial completion inspection is appropriate in accordance with Contract requirements.
 - d. Schedule substantial completion inspection, or notify Contractor that the Work has not progressed to point of substantial completion as defined by the Contract Documents.
14. Coordinate, conduct and document the substantial completion inspection and issuance of the Certificate of Substantial Completion including:
 - e. Notify the City and design team members of date of substantial completion inspection.
 - f. Prepare and distribute the punchlist format to the parties conducting the inspection.
 - g. Conduct the substantial completion inspection.
 - h. Compile the punchlist and identify the tentative date of substantial completion, and prepare and issue tentative Certificate of Substantial Completion to the City for review and concurrence.
 - i. If there are multiple portions of the Work with different substantial completion dates, prepare a summary of the dates of expiration of the various Correction Periods.
 - j. Upon concurrence of the City, issue the definitive Certificate of Substantial Completion and punchlist setting the date of Substantial Completion.
15. Receive and review Contractor's required final completion submittal.
16. Attend the final inspection meeting and physical walk-through of the Project, including:
 - a. Schedule the final inspection date and notify Contractor, the City and Regulatory Agencies.

- b. Assemble the various final completion submittal documents, required by the Contract Documents, for the final inspection meeting and review them with the various parties.
- c. Conduct, document and distribute the findings of the final inspection.
17. Collect close-out documents required by the Contract Documents and forward the documents along with Contractor's Final Application and Certificate for Payment to the City for processing by the City.
18. Prepare the Construction Completion Report for submittal to the Department of Health.
19. Prepare final record drawings based on red-lines received by the Contractor.

Client Responsibilities

1. City shall provide a full time Construction Manager for the project responsible for at a minimum the following:
 - a. Day to day coordination with the Contractor.
 - b. Review and tracking of the Contractor's Baseline Schedule and updates.
 - c. Construction Observation/Inspection including documenting deficiencies and corrective actions.
 - d. Quantity tracking and payment application review/approval.
 - e. Observation and documentation of testing.
2. City will provide HDR with documentation of all testing and disinfection activities for inclusion in the Department of Health Construction Completion Report.
3. Coordinate and conduct pre-construction and construction progress meetings including preparing agenda and meeting notes.
4. Coordinate and track all project communications.
5. Provide PDF electronic copies of all submittals, RFI's, change orders, and other construction documentation to the Engineer. Engineer will provide comments on a transmittal form when returned to the City.

Assumptions:

1. Submittal Review
 - a. Actual review time may vary depending upon the complexity of the shop drawing or submittal. It is estimated that, on average, each submittal item will take 4 hours of HDR team member time to review and process. Budget is based on 80 shop drawings or submittals (number derived from specifications) and 40 re-submittal events.
2. Request for Information
 - a. The budget for this sub-task is based upon receiving and responding up to 50 RFIs. Actual review and response time may vary depending upon clarity and complexity of the RFI. It is estimated that, on average, it will take 4 hours of HDR team member time to review and respond to each RFI.
3. Field Orders

- a. The budget for this task is based upon preparing and processing 10 Field Orders. Actual preparation and processing time may vary depending upon the complexity of the Field Order. It is estimated that, on average, it will take 2 hours of HDR team member time to prepare and process each Field Order.
4. Change Proposal Requests
 - a. The budget for this sub-task is based upon preparing, processing, and negotiating pricing of 10 Change Proposal Requests. Actual preparation, processing, and review may vary depending upon the complexity of the Change Proposal Request. It is estimated that, on average, it will take 8 hours of Consultant team member time to prepare, process, and review for each Change Proposal Request.
5. Work Change Directives
 - a. The budget for this task is based upon preparing and processing 10 Work Change Directives. Actual preparation, processing, and review time may vary depending upon the complexity of the Work Change Directive. On average, it is estimated that it will take 8 hours of Consultant team member time to prepare, process, and review each Work Change Directive.
6. Change Orders
 - a. The fee for this task is based upon preparing and processing 5 Change Orders. Actual preparation and processing response time may vary depending upon the complexity of the Change Order. It is estimated that, on average, it will take 12 hours of Consultant team member time to prepare and process each Change Order.
7. Pre-Construction Conference
 - a. Pre-Construction Conference will occur at the project site and 12 hours have been budgeted for a consultant staff member for preparation, attendance and meeting note preparation.
8. Weekly Construction Progress Meetings
 - a. Weekly Construction Progress Meetings will occur at the Contractor's construction trailer at the project site; and will involve up to 2 HDR team members, and each meeting will last up to 1 hour each. One Consultant team member will attend by phone. We have budgeted 4 hours for each Weekly Construction Progress Meeting.
 - b. Up to 75 progress meetings are included for this task.
9. Field visits are assumed to be 2 hours in duration attended by up to two HDR staff. 4 hours has been budgeted for each attendee for each field visit. It is assumed that field visits will occur once a month for the duration of onsite construction activities (assumed to be 18 months).
 - a. Consultant's observation of the work performed under the construction contract shall not relieve Contractor from responsibility for performing work in accordance with applicable contract documents.
 - b. Consultant shall not control or have charge of, and shall not be responsible for construction means, methods, techniques, sequences, procedures of construction, health or safety programs or precautions connected with the work and shall not manage, supervise, control or have charge of construction.

- c. Consultant shall not be responsible for the acts or omissions of construction Contractor(s) or other parties on the project.
 - d. Observations will be performed in accordance with industry-recognized standard practices.
10. Structural Support Services (Structural Subconsultant):
- a. Participate in up to three weekly progress meetings.
 - b. Provide up to 40 hours of submittal reviews.
 - c. Provide up to 40 hours of RFI reviews.
 - d. Provide up to 10 site visits to perform structural observations.
 - e. 16 hours has been budgeted to prepare record drawings of structural sheets based on redlines provided by the Contractor.
11. Geotechnical Support Services (Geotechnical Subconsultant)
- a. Review up to 10 RFIs or Submittals.
 - b. Participate in up to 5 virtual meetings (weekly construction meetings or other)
 - c. Conduct up to 4 site visits to perform geotechnical observations.
12. Substantial Completion Inspection and Final Completion Inspection will occur at the project site, will involve up to three HDR team members, and will last up to 4 hours each.
13. Contractor will red-line a full size hard copy of the construction contract documents documenting any changes in what is constructed in comparison to the design drawings.
14. Record drawings will be based on Contractor redlines and will be completed within 3 months of the date of receipt of all of the marked-up prints and other necessary data from Contractor. Two hours per sheet have been budgeted CAD and 1 hour per sheet budgeted for Project Engineer to review and 10 hours for review by the Deputy PM.
15. Additional or extended services will be provided under a separate negotiated contract amendment during construction if necessary due to circumstances beyond the control of HDR.

Deliverables:

- 1. Submittal Review
 - a. Shop drawing responses transmitted to the City via e-mail in .pdf format.
- 2. Request for Information
 - a. RFI responses transmitted to the City via e-mail in .pdf format.
- 3. Change Proposal Requests
 - a. Change Proposal Requests transmitted to the City via e-mail in .pdf format.
 - b. Engineer's Decision transmitted to the City via e-mail in .pdf format.
- 4. Work Change Directives
 - a. Work Change Directives transmitted to the City via e-mail in .pdf format.
 - b. Engineer's Decision transmitted to the City via e-mail in .pdf format.

5. Change Orders
 - a. Change Order, including supporting information for each Change Order, transmitted to the City via e-mail in .pdf format.
6. Pre-Construction Conference
 - a. Review City provided notes, emailed in Word format.
7. Weekly Construction Progress Meetings
 - a. Review City provided notes, emailed in Word format.
8. Field Orders
 - a. Supporting information filed in the DMS.
 - b. Field Orders transmitted to the City via e-mail in .pdf format.
9. Certificates of Substantial Completion and punchlists transmitted to the City via e-mail in .pdf format.
10. Certificate of Final Completion with Contractor's Final Application and Certificate for Payment transmitted to the City via e-mail in .pdf format.
11. Construction Completion Report transmitted via email to the Department of Health.
12. Provide the City with full size electronic files (.pdf format and AutoCAD or Revit formats), in .pdf format.

Schedule

Schedule has not been changed as part of this amendment.

Fee

The fee for Contract Amendment No. 1 is shown in the table below. Exhibit B1 includes a detailed level of effort for this scope of services.

Task Number	Task	Contract Amount	Amendment No. 1	New Contract Amount
100	Project Management	\$314,060	\$8,688	\$322,748
200	Preliminary Design Report	\$159,280	\$50,842	\$210,122
300	Phase 1 Design Phase Services	\$1,110,762	\$207,210	\$1,317,972
400	Phase 1 Bid Phase Services	\$75,330	\$ -	\$75,330
500	Phase 2 Design Phase Services	\$740,949	\$ -	\$740,949
600	Phase 2 Bid Phase Services	\$77,990	\$ -	\$77,990
700.1	PLA/CWA Assistance	\$54,150	\$ -	\$54,150
700.2	Public Outreach	\$138,460	\$ -	\$138,460
700.3	Permitting Support Services	\$41,910	\$ -	\$41,910
700.4	Survey Support Services	\$80,848	\$ -	\$80,848
700.5	Geotechnical	\$100,590	\$93,063	\$193,653
700.6	PFAS Reuse Plan	\$ -	\$58,800	\$58,800
800	Unanticipated Serves - Management Reserve	\$69,025	\$203,165	\$272,190
800.1	Reservoir No. 3 Column Cap Retrofit	\$10,819	\$ -	\$10,819
800.2	8 MG Phase 1 Reservoir Evaluation	\$19,827	\$ -	\$19,827
900	Phase 1 Engineering Services During Construction	\$ -	\$427,284	\$427,284
Subtotal		\$2,994,000	\$1,049,052	\$4,043,052

EXHIBIT B1

FEE ESTIMATE

City of Everett: City of Everett Reservoir No. 3 Replacement - Amendment No. 1



Task #	Task Description	Total Labor	Total Escalation	Total Expenses	Total Subconsultants	Total For Proposal
1	Task 100 - Project Management	\$0	\$0	\$0	\$8,688	\$8,688
2	Task 200 - Preliminary Design Report	\$47,697	\$0	\$0	\$3,145	\$50,842
3	Task 300 - Phase 1 Design Phase Services	\$185,600	\$0	\$0	\$21,610	\$207,210
4	Task 700.5 - Geotechnical (HWA GeoScience)	\$0	\$0	\$0	\$93,063	\$93,063
5	Task 700.6 - PFAS Reuse Plan	\$58,800	\$0	\$0	\$0	\$58,800
8	Task 800 - Management Reserve	\$203,165	\$0	\$0	\$0	\$203,165
9	Task 900 - Phase 1 Engineering Services D	\$356,809	\$8,028	\$5,207	\$57,240	\$427,284
		\$852,071	\$8,028	\$5,207	\$183,746	\$1,049,052

EXHIBIT B1

LABOR ESTIMATE, HDR ENGINEERING STAFF

City of Everett: City of Everett Reservoir No. 3 Replacement - Amendment No. 1


		Packard, Kenneth H	Skadorwa, Tatiana (Tatiana)	Becker, Jeffrey T (Jeff)	Shepard, Jessica L	Lee, Kail Ae-Jin	Schmidt, Adam Michael	Han, Yue (Nicole)	See, Yee Ping	Jensen, Todd R	O'Neill, Charles B (Charlie)	Mokri, Clayton R	Total Labor Hours	Total Labor Dollars
Project Role		Project Manager	Stormwater Engineer	Site Civil Lead	Process Lead	Project Engineer	CAD Lead	Electrical Engineer	Electrical Lead	Construction Management Lead	Remediation Lead	Remediation Specialist		
Billing Rate		263.10	178.14	274.18	124.35	130.85	176.29	253.57	326.46	331.97	284.61	185.15		
1	Task 100 - Project Management	0	0	0	0	0	0	0	0	0	0	0	0	\$ -
2	Task 200 - Preliminary Design Report	181.2873812	0	0	0	0	0	0	0	0	0	0	181.28738	\$ 47,696.71
	Actual Costs	181.2873812											181.28738	\$ 47,696.71
													0	\$ -
3	Task 300 - Phase 1 Design Phase Services	705.4338655	0	0	0	0	0	0	0	0	0	0	705.43387	\$ 185,599.65
	Actual Costs	705.4338655											705.43387	\$ 185,599.65
4	Task 700.5 - Geotechnical (HWA GeoSciences)	0	0	0	0	0	0	0	0	0	0	0	0	\$ -
	Contamination Management Plan and Land Use Control												0	\$ -
5	Task 700.6 - PFAS Reuse Plan	16	0	0	0	32	0	0	0	0	60	180	288	\$ 58,800.40
	Subtask	16				32					60	180	288	\$ 58,800.40
8	Task 800 - Management Reserve	772.1968833	0	0	0	0	0	0	0	0	0	0	772.19688	\$ 203,165.00
	Management Reserve Replenishment	772.1968833											772.19688	\$ 203,165.00
9	Task 900 - Phase 1 Engineering Services During Construction	334	100	246	40	656	220	40	100	34	0	0	1770	\$ 356,808.86
	SOV Review	2				4				2			8	\$ 1,713.54
	Submittal Review	20		150	40	190		40	40				480	\$ 99,425.70
	RFIs	20	60	60		40			20				200	\$ 44,164.40
	Field Orders	10				10							20	\$ 3,939.50
	Change Proposal Requests	10	20	10		20			10	10			80	\$ 18,136.90
	Work Change Directives	10	20	10		20			10	10			80	\$ 18,136.90
	Change Orders	12		12		12			12	12			60	\$ 15,918.72
	Pre-construction Conference	4		4		4							12	\$ 2,672.52
	Weekly Coordination Meetings	150				150							300	\$ 59,092.50
	Field Visits	72				72							144	\$ 28,364.40
	Substantial Completion Inspection	4				4			4				12	\$ 2,881.64
	Punchlist/Certification of Substantial Completion.	4				8							12	\$ 2,099.20
	Final Completion Inspection	4				4			4				12	\$ 2,881.64
	DOH CCR	4				8							12	\$ 2,099.20
	Record Drawings	8				110	220						338	\$ 55,282.10
Task Total Hours		2008.92	100.00	246.00	40.00	688.00	220.00	40.00	100.00	34.00	60.00	180.00	3716.92	
Task Total Fee		\$ 528,546.85	\$ 17,814.00	\$ 67,448.28	\$ 4,974.00	\$ 90,024.80	\$ 38,783.80	\$ 10,142.80	\$ 32,646.00	\$ 11,286.98	\$ 17,076.60	\$ 33,327.00		\$ 852,070.62

EXHIBIT B1

EXPENSES

City of Everett: City of Everett Reservoir No. 3 Replacement - Amendment No. 1

	Air Fare/round trip	Lodging/day	Car Rental/week	Meals/day	Mileage/mile (2023)	Copies/Page 11x17 Color	Copies/Page 8.5x11 B&W	Tech Fees	Contingency		Total ODC	ODC Markup	Total ODC + Markup
	Travel	Travel	Travel	Travel	Travel	Office Expenses	Office Expenses						
OTHER DIRECT COSTS	Each	Each	Each	Each	Each	Each	Each						
Unit Cost	\$500.000	\$159.000	\$275.000	\$71.000	\$0.670	\$0.900	\$0.050	\$3.70	0.00%			3.00%	


9	Task 900 - Phase 1 Engineering Services During Construction												
	Quantity	3	3	3	3	2000	500	5000	0.00				
	Task Total	\$1,500.00	\$477.00	\$825.00	\$213.00	\$1,340.00	\$450.00	\$250.00	\$0.00	\$0.00	\$5,055.00	\$151.65	\$5,206.65

Total ODC	\$	1,500.00	\$	477.00	\$	825.00	\$	213.00	\$	1,340.00	\$	450.00	\$	250.00	\$	-	\$	-	\$	5,055.00	\$	151.65	\$	5,206.65
------------------	-----------	-----------------	-----------	---------------	-----------	---------------	-----------	---------------	-----------	-----------------	-----------	---------------	-----------	---------------	-----------	----------	-----------	----------	-----------	-----------------	-----------	---------------	-----------	-----------------

EXHIBIT B1

SUBCONSULTANTS

City of Everett: City of Everett Reservoir No. 3 Replacement - Amendment No. 1

 SUBCONSULTANTS		PSE	1-Alliance	HWA	Total Subconsultants	Sub Markup	Total Subconsultants + Markup
						5.00%	
1	Task 100 - Project Management						
	Task Total	\$0.00	\$0.00	\$8,274.00	\$8,274.00	\$413.70	\$8,687.70
2	Task 200 - Preliminary Design Report						
	Task Total	\$0.00	\$0.00	\$2,995.00	\$2,995.00	\$149.75	\$3,144.75
3	Task 300 - Phase 1 Design Phase Services						
	Task Total	\$4,800.00	\$0.00	\$15,781.00	\$20,581.00	\$1,029.05	\$21,610.05
4	Task 700.5 - Geotechnical (HWA GeoSciences)						
	Task Total	\$0.00	\$0.00	\$88,631.00	\$88,631.00	\$4,431.55	\$93,062.55
9	Task 900 - Phase 1 Engineering Services During Construction						
	Task Total	\$35,670.00	\$0.00	\$18,844.00	\$54,514.00	\$2,725.70	\$57,239.70
Total Subconsultants		\$ 40,470.00	\$ -	\$ 134,525.00	\$ 174,995.00	\$ 8,749.75	\$ 183,744.75











HDR-Res 3 Phase I Construcion Services-Amend #1-SN-SD (REVISED)


Final Audit Report

2024-07-19

Created:	2024-07-16
By:	Marista Jorve (mjorve@everettwa.gov)
Status:	Signed
Transaction ID:	CBJCHBCAABAAKvJFBY1dxRDKzlb533H-2t5pC0cY1zuT

"HDR-Res 3 Phase I Construcion Services-Amend #1-SN-SD (REVISED)" History

-  Document created by Marista Jorve (mjorve@everettwa.gov)
2024-07-16 - 6:50:23 PM GMT
-  Document emailed to Souheil Nasr (SNasr@everettwa.gov) for approval
2024-07-16 - 6:51:03 PM GMT
-  Email viewed by Souheil Nasr (SNasr@everettwa.gov)
2024-07-16 - 7:56:43 PM GMT
-  Document approved by Souheil Nasr (SNasr@everettwa.gov)
Approval Date: 2024-07-16 - 7:59:56 PM GMT - Time Source: server
-  Document emailed to Rob Berman (rob.berman@hdrinc.com) for signature
2024-07-16 - 8:00:00 PM GMT
-  Email viewed by Rob Berman (rob.berman@hdrinc.com)
2024-07-17 - 1:38:44 AM GMT
-  Document e-signed by Rob Berman (rob.berman@hdrinc.com)
Signature Date: 2024-07-18 - 10:54:58 PM GMT - Time Source: server
-  Document emailed to Colin Olivers (COlivers@everettwa.gov) for approval
2024-07-18 - 10:55:00 PM GMT
-  Email viewed by Colin Olivers (COlivers@everettwa.gov)
2024-07-18 - 11:53:00 PM GMT
-  Document approved by Colin Olivers (COlivers@everettwa.gov)
Approval Date: 2024-07-18 - 11:53:08 PM GMT - Time Source: server

 Document emailed to Cassie Franklin (cfranklin@everettwa.gov) for signature


2024-07-18 - 11:53:10 PM GMT

 Email viewed by Cassie Franklin (cfranklin@everettwa.gov)


2024-07-19 - 1:11:44 PM GMT

 Document e-signed by Cassie Franklin (cfranklin@everettwa.gov)

Signature Date: 2024-07-19 - 1:12:04 PM GMT - Time Source: server

 Document emailed to Marista Jorve (mjorve@everettwa.gov) for signature

2024-07-19 - 1:12:06 PM GMT

 Email viewed by Marista Jorve (mjorve@everettwa.gov)

2024-07-19 - 3:30:40 PM GMT

 Document e-signed by Marista Jorve (mjorve@everettwa.gov)

Signature Date: 2024-07-19 - 3:30:48 PM GMT - Time Source: server

 Agreement completed.

2024-07-19 - 3:30:48 PM GMT