EWEB Board Consent Calendar Request

For Contract Awards, Renewals, and Increases

The Board is being asked to approve new price agreements with **ALS Environmental, BSA Environmental Services, Inc., BSK Associates**, **Eurofins Eaton Analytical, LLC, and Neilson Research Corporation** for **Surface Water and Environmental Analytical Testing Services.**

Board Meeting Date:	August 1, 2023
Project Name/Contract #:	Surface Water and Environmental Analytical Testing Services / 23-061-S
Manager:	Mike Masters (541-685-7549) & Scott Milovich (541-685-7408)
Executive Officer:	Karen Kelley Ext. 7153

Contract Amount:

Original Contract Amount: $875,000 (between 5 contracts, see break-out below:)

$300,000 (23-061-1-S ALS Environmental – Lot 1)
$180,000 (23-061-2-S BSA Environmental Services, Inc. – Lot 3)
$10,000 (23-061-3-S BSK Associates – back-up for Lot 1)
$365,000 (23-061-4-S Eurofins Eaton Analytical, LLC – Lots 2 & 4, back-up for Lot 3)
$20,000 (23-061-5-S Neilson Research Corporation – back-up for Lots 2 & 4)

Additional $ Previously Approved:	$0
Spend over last approval:	$0
Amount this Request:	$875,000
% Increase over last approval:	NA
Resulting Cumulative Total:	**$875,000 (Over 5-years between 5 contracts)**

Contracting Method:

Method of Solicitation:	Formal Request for Proposals (RFP)
If applicable, basis for exemption:	NA
Term of Agreement:	5 Years (September 11, 2023 – September 30, 2028)
Option to Renew?	No
Approval for purchases *"as needed"*:	Yes☒ No☐
Proposals/Points Received (Range):	Lot 1: 4 (79.5 – 85.5) 100 points possible
	Lot 2: 3 (75.0 – 91.5) 100 points possible
	Lot 3: 2 (80.7 – 85.0) 100 points possible
	Lot 4: 4 (72.2 – 91.8) 100 points possible
Selection Basis:	Highest Ranked Proposer, by Lot

Narrative:

Operational Requirement and Alignment with Strategic Plan

EWEB routinely uses water quality and environmental analytical services to support monitoring associated with drinking water source protection efforts and environmental compliance work. This RFP included both EWEB surface water quality and environmental laboratory analysis needs to design a comprehensive solicitation in an attempt to get better pricing from this larger volume of analytical work. In the past each section bid their own work independently. The scope of this work includes: 1) source protection monitoring per the 10-Year Strategic Plan for general water quality parameters including testing for contaminants in the water source, post-Holiday Farm Fire monitoring and preliminary second source monitoring efforts; and 2) environmental compliance sampling associated with hazardous waste determination and permit compliance work. This suite of analytical services allows EWEB to be in compliance with environmental requirements, as well as to provide water quality and biological information to allow assessment of the McKenzie watershed's health over time and identify potential threats to drinking water.

Contracted Goods or Services

This RFP included four "lots" that grouped similar classes of analysis allowing labs to bid on one or more of these lots. The four lots included Lot 1: General and Inorganic Analytical Testing Services for Surface Water, Lot 2: Organic Analytical Testing Services for Surface Water, Lot 3: Microbiology and Cyanotoxin Analytical Testing Services for Surface Water, and Lot 4: Wastewater Analysis, Contaminated Soil Analysis and Hazardous Waste Determinations.

Purchasing Process

In May 2023, a formal request for proposals was posted on OregonBuys, seeking responses from firms interested in providing surface water quality and environmental analytical testing services for the next five years. Staff anticipated two awards per lot, with one primary and one back-up, with multiple awards to include multiple lots. Pricing and services for the solicitation were broken into four distinct lots – each organized into specific service needs and evaluated independently. Scoring was based on evaluation criteria that included reporting and detection limits, turnaround time, and price. Five responses were received, and the highest ranked responsive and responsible proposal was from ALS Environmental for Lot 1: General and Inorganic Analytical Testing Services for Surface Water, from Eurofins Eaton Analytical, LLC for Lot 2: Organic Analytical Testing Services for Surface Water, from BSA Environmental Services, Inc. for Lot 3: Microbiology and Cyanotoxin Analytical Testing Services for Surface Water, and from Eurofins Eaton Analytical, LLC for Lot 4: Wastewater Analysis, Contaminated Soil Analysis and Hazardous Waste Determinations. The second highest ranked responsive and responsible proposal, for back-up services purposes, was from BSK Associates for Lot 1, from Neilson Research Corporation for Lot 2, from Eurofins Eaton Analytical, LLC for Lot 3, and from Neilson Research Corporation for Lot 4. These are proposed five-year contracts with purchases made as needed.

Bids Received

Bids Received (Lot 1 - Common List of Regulated Contaminants)

Vendor Name	City, State	Ranking (for RFPs)
ALS Environmental	Kelso, WA	1
BSK Associates	Vancouver, WA	2
Eurofins Eaton Analytical, LLC	Pomona, CA	3
Neilson Research Corporation	Medford, OR	4

Bids Received (Lot 2 - Advanced Analytical Procedures)

Vendor Name	City, State	Ranking (for RFPs)
Eurofins Eaton Analytical, LLC	Pomona, CA	1
Neilson Research Corporation	Medford, OR	2
BSK Associates	Vancouver, WA	3

Bids Received (Lot 3 - Common List of Regulated Contaminants)

Vendor Name	City, State	Ranking (for RFPs)
BSA Environmental Services, Inc.	Beachwood, OH	1
Eurofins Eaton Analytical, LLC	Pomona, CA	2

Bids Received (Lot 4 - Advanced Analytical Procedures)

Vendor Name	City, State	Ranking (for RFPs)
Eurofins Eaton Analytical, LLC	Pomona, CA	1
Neilson Research Corporation	Medford, OR	2
BSK Associates	Vancouver, WA	3
ALS Environmental	Kelso, WA	4

Prior Contract Activities

ALS Environmental

EWEB Contract	Project Name (Description)	Board Approved	Project Duration (Start to Close)	Original Amount	Approved/Amended Amount to Date (Total)	Reason Code
002-2018	Water Analytical Testing Services	9/4/2018	9/10/2018 – 9/9/2023	$256,000	$316,000	AW
Reason Code: AM = Additional Materials, AW = Additional Work, EW= Emergency Work, SD = Staff Directed, UC = Unforeseen Conditions, Other						

BSA Environmental Services, Inc.

EWEB Contract	Project Name (Description)	Board Approved	Project Duration (Start to Close)	Original Amount	Approved/Amended Amount to Date (Total)	Reason Code
19-111-GS	Phytoplankton ID and Enumeration	NA	8/28/2019 – 8/25/2023	$100,000	$100,000	NA
PO 17597	Phytoplankton Analytical Services for Harmful Algai Bloom Monitoring	NA	5/21/2019 – 12/31/2019	$10,000	$10,000	NA
Reason Code: AM = Additional Materials, AW = Additional Work, EW= Emergency Work, SD = Staff Directed, UC = Unforeseen Conditions, Other						

BSK Associates

EWEB Contract	Project Name (Description)	Board Approved	Project Duration (Start to Close)	Original Amount	Approved/Amended Amount to Date (Total)	Reason Code
PO 31693	UCMR5 Monitoring – Federal Requirement for Drinking Water	NA	12/14/2022 – 12/31/2023	$10,000	$10,000	NA
Reason Code: AM = Additional Materials, AW = Additional Work, EW= Emergency Work, SD = Staff Directed, UC = Unforeseen Conditions, Other						

Eurofins Eaton Analytical, LLC

EWEB Contract	Project Name (Description)	Board Approved	Project Duration (Start to Close)	Original Amount	Approved/Amended Amount to Date (Total)	Reason Code
22-117-1-S	Water Analytical Testing Services	12/6/2022	1/1/2023 – 12/31/2027	$170,000	$170,000	NA
002-2018	Water Analytical Testing Services	9/4/2018	9/10/2018 – 9/9/2023	$316,000	$391,000	AW
PO 13075	Analytical Services for Source Protection Water Quality Monitoring Program	NA	4/10/2018 – 12/31/2018	$19,500	$19,500	NA
Reason Code: AM = Additional Materials, AW = Additional Work, EW= Emergency Work, SD = Staff Directed, UC = Unforeseen Conditions, Other						

Neilson Research Corporation

EWEB Contract	Project Name (Description)	Board Approved	Project Duration (Start to Close)	Original Amount	Approved/Amended Amount to Date (Total)	Reason Code
22-117-2-S	Water Analytical Testing Services	12/6/2022	1/1/2023 – 12/31/2027	$30,000	$30,000	NA
PO 30386	Drinking Water Compliance Monitoring to Support the Public Water System	NA	8/24/2022 – 12/31/2022	$10,000	$10,000	NA
PO 13091	Drink Water Compliance Monitoring	NA	4/10/2018 – 9/10/2018	$19,500	$19,500	NA
Reason Code: AM = Additional Materials, AW = Additional Work, EW= Emergency Work, SD = Staff Directed, UC = Unforeseen Conditions, Other						

ACTION REQUESTED:

Management requests the Board approve new price agreements with ALS Environmental, BSA Environmental Services, Inc., BSK Associates, Eurofins Eaton Analytical, LLC, and Neilson Research Corporation for Surface Water and Environmental Analytical Testing Services. For Lots 1, 2, & 3, approximately $130,000 was planned for these services in the 2023 Water Quality & Protection/Water Engineering & Operations budget of $11.5 million, and for Lot 4, approximately $10,000 was planned for these services in the 2023 Environmental Management/Support Services Division budget of $2 million. Variances will be managed within the budget process and Board policy.

EWEB Board Consent Calendar Request

For Contract Awards, Renewals, and Increases

The Board is being asked to approve a new contract with **HP Civil, Inc.** for **Campus Improvements at EWEB's Carmen-Smith project**.

Board Meeting Date:	August 1, 2023	
Project Name/Contract #:	Carmen Campus Improvements / 23-130-PW	
Manager:	Lisa Krentz	Ext. 7450
Executive Officer:	Karen Kelley	Ext. 7153

Contract Amount:

Original Contract Amount:	$2,232,000
Additional $ Previously Approved:	$0
Spend over last approval:	$0
Amount this Request:	$2,232,000
% Increase over last approval:	NA
Resulting Cumulative Total:	**$2,232,000**

Contracting Method:

Method of Solicitation:	Formal Invitation to Bid
If applicable, basis for exemption:	NA
Term of Agreement:	Completion by October 25, 2025
Option to Renew?	No
Approval for purchases *"as needed"*:	Yes☐ No☒
Proposals/Bids Received (Range):	2 ($2,232,250 - $2,857,450)
Selection Basis:	Lowest Responsive and Responsible Bidder

Narrative:

Operational Requirement and Alignment with Strategic Plan

The Board is being asked to approve a construction contract with HP Civil, Inc. for site improvements at the Carmen Campus, including a new heavy equipment/storage building, utility extensions, and significant site work in support of two new manufactured homes.

The new equipment/storage building will replace the undersized (30-feet by 60-feet) original open A-frame structure. The utility extensions and sitework will serve two new single family homes located to the east of the existing four single family homes. The work is needed to accommodate increased staffing at Carmen-Smith during the upcoming construction and future operation of new fish passage facilities and will improve the quality of equipment and spare parts storage space. These improvements are critical to maintaining safe and reliable operations at the Carmen-Smith Project in alignment with EWEB's strategic objectives.

Contracted Goods or Services

If approved, HP Civil will perform two phases of work, as follows:

2023 Work Items

- remove decked trees from the site (previously fallen to mitigate fire risk during logging activities)
- grade the roads and building pads
- construct concrete foundations
- assist with installation of two manufactured homes
- construct a site-built garage (24’ by 24’)
- install new water distribution system extension
- install all electrical and communication substructure extensions
- pave the new residential access road (15’ by 500’), concrete driveway and sidewalk
- build a porch for the three-bedroom home.

2025 Work Items

- demolish the existing A-frame storage building
- grade site and building pad
- construct a steel-framed, open-air equipment storage building (40’ by 80') with a compacted gravel floor
- construct attached heated storage space (18’ by 40’) with a concrete floor slab
- install water distribution system extension
- gravel surfacing of surrounding area

Purchasing Process

A Formal Invitation to Bid (ITB) was posted on OregonBuys in June 2023. Two bids were received and HP Civil, Inc. was deemed the lowest priced responsive and responsible bidder, capable of meeting the solicitation’s delivery and lead time requirements.

Bids Received

Vendor Name	City, State	Offered Price	Ranking (for RFPs)
HP Civil, Inc.	Salem, OR	$2,232,250	NA
Wildish Building Company	Eugene, OR	$2,857,450	NA

Competitive Fair Price

EWEB sent a courtesy notice of the bid to nine construction contracting companies. At least six companies attended one of the two mandatory pre-bids, but only two submitted bids. The other contractors shared that their schedules could not accommodate the project. The other bid was 28% higher than the low bid.

Prior Contract Activities

None. This is a new vendor for EWEB.

ACTION REQUESTED:

Management requests the Board approve a contract with HP Civil, Inc. for construction services at EWEB’s Carmen-Smith Project**.** Funds for the campus improvements are included in the Carmen-Smith Type 3 Capital budget, split between 2023 and 2025. The Carmen-Smith Type 3 Capital Budget is $27.6 million in 2023 and is expected to be approximately $18 million in 2025. Variances will be managed within the budget process and Board policy.

EWEB Board Consent Calendar Request

For Cooperative Contracts

The Board is being asked to authorize the use of the **NASPO ValuePoint** cooperative contracts to purchase **Cloud Solutions (Software as a Service (SaaS), Infrastructure as a Service (Iaas), and Platform as a Service (PaaS)**.

Board Meeting Date:	August 1, 2023
Project Name/Contract #:	Cloud Solutions through NASPO ValuePoint Cooperative Contracts
Executive Officer:	Travis Knabe, Chief Information Officer (541-685-7770)
Expected Spend:	**$ 1,000,000 (over 5 years)**

Narrative

The Board is being asked to authorize the use of the NASPO ValuePoint Cloud Solutions Cooperative Contract portfolio for the purchase of cloud solutions (SaaS, IaaS, PaaS, and cloud consulting services).

Operational Requirement and Alignment with Strategic Plan

Over the past several years we have made intentional decisions to take advantage of cloud solutions where appropriate. Cloud solutions provide flexibility & increased collaboration efficiencies without a large up-front investment.

The NASPO ValuePoint Cloud Solutions Cooperative Contracts include a wide range of cloud service providers to meet government business solutions, including anti-virus solutions, log and analytical tools, and electronic signature tools. Purchasing from vendors who have signed a Participating Addendum with the State of Oregon will allow EWEB to purchase cloud services that have met specific security requirements and other terms and conditions that are designed to protect government data housed in cloud applications.

Purchasing Process

NASPO ValuePoint is the purchasing arm of NASPO (the National Association of State Procurement Officials). NASPO ValuePoint cooperative contracts are competitively solicited and leverage the expertise and buying power of many states and participating entities.

NASPO ValuePoint Cooperative Contracts for Cloud Solutions were awarded pursuant to RFP #CH16012, which was led by the State of Utah. As of this date, 61 contractors have entered into master agreements, and the State of Oregon has signed Participating Addenda with the following: A&T Systems, Inc. (Master Agreement No. AR2494), Carahsoft Technology Corporation (Master Agreement No. AR2472), CenturyLink dba Lumen (Master Agreement No. AR2474), and SHI International Corp. (Master Agreement No. AR2488).

ACTION REQUESTED:

Management requests the Board authorize the use of the NASPO ValuePoint Cloud Solutions Cooperative Contracts from vendors who have signed a Participating Addendum with the State of Oregon: A&T Systems, Inc. (Master Agreement No. AR2494); Carahsoft Technology Corporation (Master Agreement No. AR2472); CenturyLink dba Lumen (Master Agreement No. AR2474); SHI International Corp. (Master Agreement No. AR2488); and any other vendor who signs an Oregon Participating Addendum. Approximately $200,000 was planned for these services in the 2023 IS Division O&M budget of $5.4 million. Variances will be managed within the budget process and Board policy.

EWEB Board Consent Calendar Request

For Cooperative Contracts

The Board is being asked to authorize the use of a cooperative contract for the **Purchase of a Vactor Manufacturing Truck Mounted Hydro-Excavator** with **Owen Equipment**.

Board Meeting Date:	August 1, 2023	
Project Name/Contract #:	Truck Mounted Hydro-Excavator / 23-149-G	
Manager:	Scott Milovich	Ext. 7408
Executive Officer:	Karen Kelley	Ext. 7153
Expected Spend:	**$652,000 (One-Time)**	

Narrative:

The Board is being asked to authorize the use of the Sourcewell 101221-VTR cooperative contract for the purchase of one Single Engine Hydro Excavation Machine with Positive Displacement Vacuum System Mounted on a Heavy-Duty Truck Chassis.

Operational Requirement and Alignment with Strategic Plan

Hydro Excavation is the process of removing or moving soil with pressurized water. Vacuum is then used to transfer the soil or debris to a debris tank. This allows for a non-destructive and more accurate way to excavate soil and locate underground utilities. As EWEB's demand for environmental awareness and safety consciousness increases, so does the need for using hydro-excavators (otherwise known as a vac-truck) throughout the Utility. Due to increased Water Capital work including City streets projects and transmission & distribution main improvements, there is a need to keep 3 Hydro Excavators working at all times in Water Construction.

While hydro excavation brings a number of benefits to the Water Utility, it is now the most preferred method of digging because of its efficient and accurate results. With the safety risks and repairs lessened, hydro excavation also reduces our liability costs. With the growing demand for using hydro-excavators, this unit will be an additional unit to our existing Water utility vehicles.

EWEB's staff researched different models and felt that staying with the same size of our existing hydro-excavator promotes standardization of our fleet. Standardization is a common fleet practice that is implemented in order to reduce costs (in mechanic productivity and maintenance & repair parts inventory) and establish familiarity in operation and maintenance (crew safety and a consistent understanding of manufacturer repair and maintenance requirements). EWEB's standardization was established because of the quality of components and the efficiency in design and features.

Purchasing Process

Sourcewell, a State of Minnesota local government agency and service cooperative, issued RFP 101221 on August 24, 2021, to establish a national cooperative contract for Sewer Vacuum, Hydro-Excavation, and Municipal Pumping Equipment with Related Accessories and Supplies. This solicitation was published in the Daily Journal of Commerce in Oregon on August 25, 2021. Sourcewell awarded a contract to Vactor Manufacturing on December 20, 2021. This contract expires on November 29, 2025, and may be extended up to one additional one-year period.

ACTION REQUESTED:

Management requests the Board authorize the use of a cooperative contract for the purchase of a Vactor Manufacturing Truck Mounted Hydro-Excavator with Owen Equipment**.** Approximately $700K is planned for these goods in the 2024 Water budget of $36.8 million. Variances will be managed within the budget process and Board policy.

EWEB Board Consent Calendar Request

For Contract Awards, Renewals, and Increases

The Board is being asked to approve a Construction Task Order (CTO) with **Wildish Building Company** for **Construction Services for Dewatering and Inspection of the Carmen Diversion Dam Spillway**.

Board Meeting Date:	August 1, 2023
Project Name/Contract #:	Carmen Diversion Spillway Dewatering – CTO #25 to 002-2011, CM/GC
Manager:	Lisa Krentz 541-685-7450
Executive Officer:	Karen Kelley 541-685-7153

Contract Amount:

Original Contract Amount:	$965,000
Additional $ Previously Approved:	$0
Spend over last approval:	$0
Amount this Request:	$965,000
% Increase over last approval:	NA
Resulting Cumulative Total:	**$965,000**

Contracting Method:

Method of Solicitation:	CM/GC (Construction Management/General Contractor) Guaranteed Maximum Price
If applicable, basis for exemption:	5-0680 (5) CM/GC, Alternative Procurement
Term of Agreement:	Completion by December 31, 2023
Option to Renew?	Yes, up to 5 years maximum
Approval for purchases *"as needed"*:	Yes☐ No☒
Proposals/Bids Received (Range):	NA
Selection Basis:	Guaranteed Maximum Price

Narrative:

Operational Requirement and Alignment with Strategic Plan

The Board is being asked to approve Construction Task Order (CTO) #25 of the CM/GC Contract (002-2011) with the Wildish Building Company of Eugene, Oregon to construct temporary coffer dams and other temporary works to facilitate the dewatering and inspection of the Carmen Diversion Dam Spillway. A spillway upgrade to enhance aquatic habitat in the McKenzie River is a requirement of the Carmen Smith Hydroelectric License and the Amended and Restated Settlement Agreement that was executed in November 2016. The Federal Energy Regulatory Commission (FERC) has mandated a complete inspection of the existing spillway prior to review and approval of the aquatic enhancement project. A complete inspection of the spillway ensures the long-term safety, integrity, and reliability of the Carmen Diversion Dam and Spillway. The inspection allows EWEB to progress the delivery of aquatic enhancement projects while satisfying regulatory commitments.

Contracted Goods or Services

This Task Order includes construction and construction management services from Wildish Building Company. This contract includes all labor, materials, and work to facilitate the dewatering and inspection of the Carmen

Diversion Dam Spillway. Primary work includes the construction of temporary coffer dams and water management systems. The contract also includes all materials and labor to install and maintain temporary facilities to satisfy environment regulations, "in water" construction requirements, aquatic habitat mitigation and fish management. The contract also includes the procurement of emergency materials and equipment to satisfy all dam safety regulations and requirements.

Purchasing Process

Contract 002-2011 with Wildish Building Company was procured through a competitive process in accordance with EWEB policies and Oregon public procurement rules for Alternative Procurements. Amendments for pre-construction work and Task Orders for construction projects are negotiated separately.

Bid review and negotiations for the guaranteed maximum price for this construction Task Order was completed on July 13, 2023.

Per the Board's approval of the general CM/GC contract and subsequent amendments, Wildish is required to competitively procure and subcontract for major portions of the total contract. Wildish solicited public bids for all major portions of the work (Advertised June 12, 2023) consistent with the CM/GC contract and Oregon public procurement Rules. Wildish prepared a Guaranteed Maximum Price in accordance with the CM/GC contract.

ACTION REQUESTED:

Management requests the Board approve Construction Task Order #25 of the CM/GC contract with Wildish**,** for the Guaranteed Maximum Price of $965,000. This project is a required step in delivering an aquatic enhancement project required by the Carmen Smith Hydroelectric License. Approximately $1.5 million was budgeted for this effort in 2023 Carmen Smith License Deployment budget of 27.6 million.

EWEB Board Consent Calendar Request

For Contract Awards, Renewals, and Increases

The Board is being asked to approve an increase to the agreement with the **University of Oregon** for **Enhancing Carbon Sequestration and Fire Resilience in Water and Energy Production Systems Research**.

Board Meeting Date:	August 1, 2023
Project Name/Contract #:	Carbon Sequestration / 20-104-IGA
Manager:	Mike Masters Ext. 7549
Executive Officer:	Karen Kelley Ext. 7153

Contract Amount:

Original Contract Amount:	$140,000 (Did not require Board approval)
Additional $ Previously Approved:	$200,000 (December 7, 2021)
Spend over last approval:	$0
Amount this Request:	$200,000
% Increase over last approval:	59%
Resulting Cumulative Total:	**$540,000 (Over 6 years)**

Contracting Method:

Method of Solicitation:	Direct Negotiation
If applicable, basis for exemption:	EWEB Rule 6-0110 Intergovernmental Agreement
Term of Agreement:	June 8, 2020 – December 31, 2026
Option to Renew?	No
Approval for purchases *"as needed"*:	Yes☐ No☒
Proposals/Bids Received (Range):	NA
Selection Basis:	Direct Negotiation
Narrative:	

Operational Requirement and Alignment with Strategic Plan

The Board is being asked to approve an expanded scope of the existing UO-EWEB Carbon Sequestration Research Intergovernmental Agreement. As part of the post-Holiday Farm Fire watershed restoration efforts, EWEB is working with partners to implement large scale floodplain restoration projects to buffer impacts from burned landscapes on water quality and increase fish and wildlife habitat. UO scientists, professional research staff, and graduate students have the opportunity at Quartz Creek and Finn Rock Reach (Phase 2) restoration areas to measure existing carbon sequestration rates prior to conducting large floodplain restoration work in 2023 and then begin to measure the carbon sequestration trajectory once the valley is restored to large floodplain depositional environments.

The increased scope of the UO research will inform future restoration designs and carbon sequestration projects that support the strategic direction EWEB is pursuing to develop effective ways to mitigate greenhouse gas emissions, increase resiliency to climate change impacts, and establish customer facing programs that promote climate solutions while providing co-benefits to water quality and watershed health. The UO research will include

three different types of land management for carbon sequestration. The first is agriculture conversion to forestry which is being done at the High Banks Road property in collaboration with UO under our current IGA approved by the Board in 2021. The 2nd is the Quartz Creek 0-Stage Floodplain Restoration Project study proposed herein. There is limited research on how these floodplain restoration projects sequester carbon, particularly in areas that are impacted by fire. This project will inform future floodplain restoration projects as the carbon sequestration could be considered a direct benefit and/or a co-benefit depending on the data. The 3rd is upslope areas of burned land of which U of O has already received outside funding. Currently, there is no specific data available for our region for post-fire upslope carbon sequestration. Having region-specific numbers will provide the data needed to accurately calculate carbon uptake and storage.

Contracted Goods or Services

UO scientists will sample the Quartz Creek Floodplain Project before and after project implementation. They will analyze soil samples for carbon sequestration and present EWEB with the findings. Work will begin at base flows in late summer 2023 and results will be delivered by 2026. This amendment and additional funds will support staffing, equipment, supplies, and travel associated with this work.

Purchasing Process

This was a direct negotiated Intergovernmental Agreement with authority granted under ORS 190.010 allowing governmental bodies to enter into agreements for the performance of any or all functions and activities that the Parties to the Agreement, their officers, or agents have the authority to perform. This Agreement is a unilateral effort of governmental entities, both working to serve the public good.

Prior Contract Activities

EWEB Contract	Project Name (Description)	Board Approved	Project Duration (Start to Close)	Original Amount	Approved/Amended Amount to Date (Total)	Reason Code
22-120-IGA	Alert Wildfire Detection Camera Site Installation and Maintenance	NA	7/25/22 – 12/31/26	$120,000	$120,000	
19-144-IGA	Home Energy Scores for Rental & Low Income Properties	NA	10/29/19 - 12/31/23	$3,000	$12,000	AW
Reason Code: AM = Additional Materials, AW = Additional Work, EW= Emergency Work, SD = Staff Directed, UC = Unforeseen Conditions, Other						

19-144-IGA – Initial term was three years. Extended to four years at $3,000 per year.

ACTION REQUESTED:

Management requests the Board approve an increase to the IGA with University of Oregon for enhancing carbon sequestration and fire resilience in water and energy production systems research. Approximately $200,000 was planned for these services in the 2023 Holiday Farm Fire Restoration budget of $7.4 million. Variances will be managed within the budget process and Board policy.