

City of Brookings

MEETING AGENDA

CITY COUNCIL

Monday, April 9, 2018, 7:00pm

City Hall Council Chambers, 898 Elk Drive, Brookings, OR 97415

The City Council will meet in Executive Session at 6:00 PM, in the City Manager's office, under the authority of ORS 192.660 (2)(a) "To consider the employment of a public officer, employee, staff member or individual agent."

CITY COUNCIL

A. Call to Order

B. Pledge of Allegiance

C. Roll Call

D. Oral Requests and Communications from the audience

1. Public Comments on non-agenda items – 5 minute limit per person.*

E. Staff Reports

1. Azalea Park Lighting [Parks, Pg. 2]
 - a. Letter of Request [Pg. 3]
 - b. Estimate [Pg. 4]
 - c. Proposed Light Pole Location [Pg. 5]
2. Chetco Bar Fire Economic Impact ECONorthwest Contract [City Recorder, Pg. 6]
 - a. Service Contract [Pg. 7]
3. Transportation Growth Management Grant [City Recorder, Pg. 47]
 - a. Draft Letter [Pg. 48]

F. Consent Calendar

1. Approve Council minutes for March 26, 2018. [Pg. 49]
2. Accept Planning Commission minutes for January 25, 2018. [Pg. 52]

G. Informational Non-Action Items

1. March Vouchers [Pg. 53]
2. Committee Vacancies [Pg. 56]

H. Remarks from Mayor and Councilors

1. Reports from Council Liaisons

I. Adjournment

*Obtain Public Comment Forms and view the agenda and packet information on-line at www.brookings.or.us, at City Hall and at the local library. Return completed Public Comment Forms to the City Recorder before the start of meeting or during regular business hours.

All public meetings are held in accessible locations. Auxiliary aids will be provided upon request with at least 14 days advance notification. Please contact 469-1102 if you have any questions regarding this notice.

CITY OF BROOKINGS

COUNCIL AGENDA REPORT

Meeting Date: April 9, 2018

Originating Dept: Parks



Signature (submitted by)


City Manager Approval

Subject: Parking Lot Lighting – Azalea Park

Motion: to accept a donation of \$13,060 from Natures Coastal Holiday to purchase and install parking lot lighting in Azalea Park.

Background/Discussion: Parking in Azalea Park is limited for night time events when they occur. Visitors to the park for events often find themselves relying on vehicle headlights to find their way to their cars when leaving the park. This occurs mostly during the Natures Coastal Holiday light show event. When this event has its highest attendance, all parking lots are full and require volunteers to perform traffic control due to either poor or lack of lighting.

Natures Coastal Holiday (NCH) is proposing to fund the purchase and installation of seven light pole assemblies for the Capella and lower parking lots of Azalea Park. They are requesting the work be coordinated through the City and be ready for use during the 2018 NCH Event.

Financial Impact: none...all cost covered by NCH

Reviewed by Finance & Human Resources Director: _____

Attachments:

- a. Letter of Request
- b. Estimate
- c. Proposed Light Pole Locations



PO Box 6928
Brookings, Oregon 97415

naturescoastholiday.com
EIN 93-1256343

naturescoastholidaybrookings@gmail.com

City of Brookings
Jake Pieper, Mayor
Bill Hamilton, Councilman
Brent Hodges, Councilman
Roger Thompson, Councilman
Dennis Triglia, Councilman

Gentlemen,

The Festival of Lights in Azalea Park is a tradition this community can certainly be proud of. Nature's Coastal Holiday greatly appreciates the support the City of Brookings and its staff extends us so we may bring this event to the community each year. We are thankful to those who sponsor, volunteer and to each individual who attends.

This year, we would like to show our gratitude to the City and this community by funding a much needed improvement to Azalea Park. After meetings with Tony Baron, Parks and Planning Manager, and approval of the Parks and Recreation Commission, Nature's Coastal Holiday is pleased to present our check for \$13,060.00 to the City of Brookings for use to improve the lighting in the Azalea Park parking areas.

Nature's Coastal Holiday looks forward to the completion of the project and hopes this donation is the first in many to help improve the accessibility and safety of Azalea Park.

Sincerely,

Klaus Gielisch (electronic signature)

Klaus Gielisch, President
Nature's Coastal Holiday

Encl.

The Best Christmas Light Show on the Southern Oregon Coast

City of Brookings

January 9 2018

Azalea Park - Capella and Lower Parking Lot Lighting

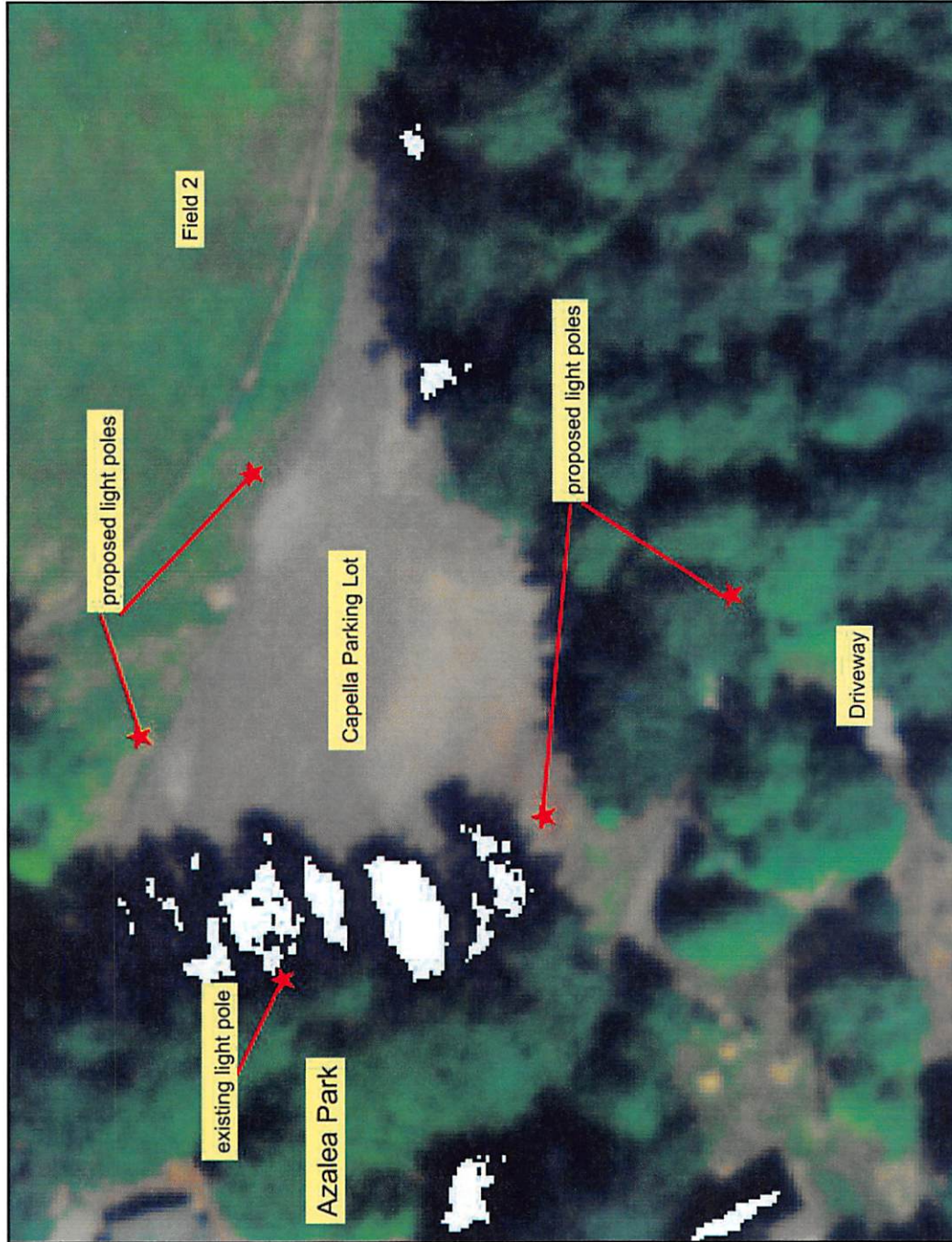
Description	Quantity	Unit	Unit Cost	Item Cost
Fiberglass direct bury pole & hardware	7		\$1,330.00	\$9,310
Electrician- materials & labor	1		\$2,000.00	\$2,000
Trenching and conduit	7		\$250.00	\$1,750
				<hr/>
				\$13,060

proposal to place 4 additional light poles in the Capella parking lot - tie into power of existing light pole

proposal to place a receptacle at the bottom of one pole t.b.d.

proposal to place 3 additional light poles in the lower parking lot (across from St Tim's) - tie into power of existing light pole

Capella Parking Lot Lighting Plan



Legend

- RIVERS
- ROADS
- URBAN GROWTH BOUNDARY
- OCEAN



Scale: 1:750

0 75 150 225 ft.

Map center: 42° 3' 25.87" N, 124° 16' 21.42" W

This map is a public resource of general information. Use this information at your own risk. Curry County makes no warranty of any kind, expressed or implied, including any warranty of merchantability, fitness for any particular purpose or any other matter.

CITY OF BROOKINGS

COUNCIL AGENDA REPORT

Meeting Date: April 9, 2018

Originating Dept: PW/DS


Signature (submitted by)

City Manager Approval


Subject: Chetco Bar Fire Economic Impact ECONorthwest Contract

Recommended Motion:

Motion to authorize the City Manager to execute a contract for services with ECONorthwest for the Chetco Bar Fire Economic Impact Analysis and Recovery Plan

Financial Impact:

\$100,000 project with \$95,000 funded through grants and \$5,000 in in-kind contribution (staffing) from the City.

Reviewed by Finance & Human Resources Director: 

Background/Discussion:

Council has approved acceptance of two grants for the Chetco Bar Fire Economic Impact Analysis and Recovery Plan equaling \$50,000 from the Economic Development Administration (EDA) and \$40,000 from the Department of Land Conservation and Development (DLCD).

The remaining \$10,000 portion of the \$100,000 project will be funded through a \$5,000 Travel Oregon grant and \$5,000 in in-kind staff time, staffing being provided by the City Manager and the City Recorder/Management Analyst.

South Coast Development Council (SCDC) is the Project Manager and conducted a Request for Qualifications process in early March. SCDC advertised the RFQ through the Oregon Economic Development Association, the League of Oregon Cities, and direct recruitment. Two agencies submitted proposals. SCDC indicates that although both agencies had excellent qualifications, it selected ECONorthwest to be the service provider for the project based upon similar experience directly related to fire recovery.

The project will evaluate the short and long term economic impacts of the 191,000-acre Chetco Bar Fire on the City of Brookings community, assessing the economic damage from loss of merchantable timber, fish spawning habitat (commercial and recreational fishing), tourism and in-migration sectors of the economic base. It will also identify measures and investments that would enhance economic recovery.

Other strategic partners on this project include Curry County, South Coast Lumber Company, Coos Curry Douglas Business Development Corporation, South Coast Fishermen, and Oregon Coast Visitors Association.

Attachment(s):

- a. ECONorthwest Personal Service Contract

PERSONAL SERVICES CONTRACT

THIS CONTRACT, is made and entered into this 16th day of March, 2018, by and between City of Brookings, hereinafter referred to as "CLIENT," whose address is 898 Elk Drive, Brookings, Oregon 97415, and Economic Consultants Oregon, Ltd., dba ECONorthwest, an Oregon corporation, hereinafter referred to as "ECONW," whose address is 222 SW Columbia Street, Suite 1600, Portland, Oregon, 97201.

CLIENT desires consultations on economic analysis;

CLIENT desires to retain ECONW to provide ongoing advice and assistance as requested;

THEREFORE, it is mutually understood and agreed by CLIENT and ECONW as follows:

ARTICLE 1. THE SERVICES

A. ECONW shall provide the services described in the Scope of Work, marked Exhibit A, the Request for Proposal, marked Exhibit B, and our Proposal Response, marked Exhibit C, all included in this Contract.

B. ECONW and CLIENT shall review Exhibit A on an ongoing basis. Any changes or additions to the scope of services shall be appended to this Contract.

ARTICLE 2. TIME OF PERFORMANCE

ECONW shall provide CLIENT with timely services, taking into account ECONW's and CLIENT's requirements for meeting professional standards and the schedule in Exhibit A.

ARTICLE 3. FEE

A. ECONW shall bill CLIENT on a time-and-expenses basis for labor and direct expenses ECONW incurs as follows:

LABOR:

Senior Project Director	\$240-250/hr
Project Director	\$160-230/hr
Project Manager	\$125-175/hr
Associate	\$105-115/hr
Senior Analyst	\$95-110/hr
Analyst	\$80-85/hr
Administrative	\$55/hr

EXPENSES: ECONW shall bill CLIENT for direct expenses at cost, including but not limited to, postage, telephone, photocopies, reports, data, computer search, travel, and meals.

B. The total of time and expenses shall not exceed \$70,000 (seventy thousand dollars) without written authorization.

C. Any budget estimate provided to CLIENT by ECONW will be based on the information available to ECONW at the time the estimate is prepared. Such information includes, but is not limited to, CLIENT's initial description of the required analysis, CLIENT's representations concerning the availability of necessary supporting material or information, CLIENT's proposed schedule for making information available to ECONW, and the deadlines initially proposed by CLIENT for ECONW's report. Variation or change in any of these factors will materially impact ECONW's actual time and expenditures. The actual time and expenditures spent on the work by ECONW may be less than or greater than the figures in ECONW's estimate. CLIENT acknowledges that ECONW's budget estimate is not a commitment or a bid to perform the work for the amount of the estimate.

D. ECONW reserves the right to increase hourly billing rates for staff annually.

ARTICLE 4. PAYMENT

A. ECONW shall submit to CLIENT a statement detailing the amount due on a monthly basis. CLIENT shall approve the statement or notify ECONW of the reasons for disapproval within five (5) business days and, upon approval, shall pay to ECONW the amount in full within thirty (30) days of the date of the statement.

B. ECONW shall assess a finance charge in the amount of one (1) percent per month on unpaid balances which are more than thirty (30) days overdue.

C. If CLIENT has an unpaid balance more than thirty (30) days overdue, ECONW may require a retainer of ten thousand dollars (\$10,000.00), in addition to the balance owed. Said retainer shall be placed in an account under the control of ECONW. ECONW may stop work at any time if CLIENT does not pay the retainer and overdue balance within ten (10) days of the date it is requested. The balance in the account at the time of ECONW's final statement in this matter shall be withdrawn by ECONW and applied to any balance due or past due including any finance charge. If after applying the balance in the retainer account there is still a balance due ECONW, CLIENT shall pay it per paragraph A above. However, if after applying the retainer balance to the final statement, there is still a balance in the retainer account ECONW shall promptly return said balance to CLIENT.

D. If during the course of work ECONW determines the amount in the retainer account is unlikely to approximate the balance due on the final statement, ECONW may require CLIENT to make an additional deposit to the retainer account sufficient to bring the balance up to the level of the expected final statement. ECONW may stop work at any time if CLIENT does not make the additional deposit within ten (10) days of the date it is requested.

E. ECONW shall keep records of time and expenses incurred which shall be available to CLIENT for inspection.

ARTICLE 5. INDEPENDENCE OF ECONW

A. CLIENT and its representatives shall not attempt to prejudice the outcome of the analysis performed by ECONW. The manner and means of conducting the work are specified in the Scope of Work and are under the control of ECONW. The work is subject to the CLIENT's general right of review and supervision.

B. CLIENT and ECONW intend and agree that an independent contractor relationship is created by this contract. No agent or employee of ECONW shall be deemed to be the employee or agent of the CLIENT.

ARTICLE 6. PROFESSIONAL STANDARDS

A. CLIENT shall provide ECONW full information and shall make timely decisions to ensure orderly progress of the project. If CLIENT becomes aware of any error, fault, or defect in the project, CLIENT shall give ECONW prompt written notice.

B. ECONW shall provide CLIENT with timely services taking into account both ECONW's requirements for meeting professional standards and the Schedule.

C. ECONW shall meet or exceed the standard of care, skill, and diligence normally provided by a professional practitioner of economic analysis. Report results are for CLIENT's use only. Any claim of damages arising out of or related to this Contract or the performance of services under this Contract made against ECONW, or any employee, contractor, or affiliate of ECONW, shall be limited to actual out-of-pocket loss, shall not include consequential damages, even if ECONW has been informed or should have known of circumstances which may give rise to consequential damages, and shall not exceed the amount paid by CLIENT to ECONW under this Contract for services rendered by ECONW. Any claim arising out of or related to this Contract or the performance of services under this Contract must be made within twelve (12) months following the first to occur of the termination of this Contract or ECONW's delivery of its final report. Failure to make such a claim within twelve (12) months shall invalidate CLIENT's right to file.

D. Both ECONW and CLIENT realize that the value of economic analysis depends on the quality of the data and assumptions that go into it. ECONW shall describe the sources of information, assumptions, and techniques it uses in its analysis and their limitations. CLIENT shall review the information and ECONW's analysis for reasonableness.

E. The availability and quality of data can have a significant impact on the economic analysis addressed in this Contract. These factors influence the method of analysis, its quality or rigor, and its timeliness. If CLIENT is providing ECONW with the data necessary for the economic analysis that ECONW will perform, CLIENT agrees to provide this data in a timely manner. ECONW shall exercise reasonable efforts to provide its report by the deadline specified by CLIENT. Provided, however, ECONW's ability to provide its report by any specific deadline depends on the quality and the timeliness of data provided by CLIENT to ECONW. If ECONW determines that the data provided by CLIENT is incomplete, unsuitable, or deficient in some other way, ECONW may not complete the analysis requested by CLIENT by the deadline specified by CLIENT. ECONW shall not be responsible for failure to meet timelines under this contract for reasons beyond its control, including without limitation, the failure of CLIENT to provide sufficient data for the analysis on a timely basis.

ARTICLE 7. OWNERSHIP OF MATERIALS AND PRODUCTS

A. Both CLIENT and ECONW shall have the right to use all data, models, and materials used in the analysis and reports. Notwithstanding the foregoing, certain models and other material used in the analysis and reports may be proprietary to ECONW or to CLIENT, even if developed for the purposes of the analysis and reports.

B. All models and materials that are proprietary to ECONW shall be designated as such in the analysis and reports. ECONW shall retain sole ownership of, and copyright in, its proprietary models and materials, but shall grant to CLIENT a nonexclusive license to use the same solely for the matter that is the subject of the analysis or report.

C. All data or materials that are proprietary to CLIENT shall be designated and clearly marked as such. CLIENT retains sole ownership of, and copyright in, its proprietary data or materials, but shall grant to ECONW a nonexclusive license to use the same solely for the matter that is the subject of the analysis or report. CLIENT may, at its option, require the return or destruction of all copies of proprietary data or materials.

D. Except as provided in Sections 7.A through 7.C above, both CLIENT and ECONW shall retain non-exclusive ownership of those data and other materials used in the analysis that are not in the public domain.

E. All or any part of the analysis or reports produced by ECONW may be published by ECONW in any media or by any means. Final reports produced by ECONW may be published by CLIENT in any media or by any means, provided that all publications include clear and visible notice of copyright by ECONW and provided that any alteration to or omission of any portion of the complete report is approved in writing by ECONW.

F. ECONW, despite other conditions of this provision, shall have the right to utilize the Work Product on its brochures or other literature that it may utilize for its sales and, in addition, unless specifically otherwise exempted, ECONW may use standard line drawings, specifications and calculations on other, unrelated projects.

ARTICLE 8. CHANGES TO AND ENFORCEMENT OF CONTRACT

A. This Contract contains the entire agreement between CLIENT and ECONW, and no previous statements, promises, or inducements made by either party which are not contained in this contract shall be valid or binding.

B. This Contract may be amended by mutual agreement of ECONW and CLIENT. Any amendments shall be in writing and signed by representatives of both CLIENT and ECONW.

C. Additional services requested by CLIENT but not included in the Scope of Work shall be invoiced on a time-and-materials basis per Article 3.

D. **ASSIGNMENT:** The Contract shall be binding upon the heirs, successors, and successor organizations of the parties, provided that neither party may assign or transfer their interest in the Contract without the express written consent of the other party.

E. **SEVERABILITY:** If any of the provisions of the Contract are held unenforceable or invalid by any court of competent jurisdiction, such holding shall not render unenforceable or invalidate any other provisions.

F. **WAIVER:** Failure of either party to enforce any provision of the Contract does not constitute a waiver of any other provision.

ARTICLE 9. TERM OF CONTRACT

A. The Contract is effective upon the date executed by both parties, provided CLIENT executes and returns Contract within twenty-one (21) days of ECONW's execution. The Contract continues in full force and effect, unless earlier terminated, in accordance with the schedule in Exhibit A.

B. **TERMINATION FOR CAUSE:** If either ECONW or CLIENT breaches this Contract, the other party shall have the right to terminate the Contract by giving at least ten (10) business days written notice of intent to terminate, specifying the reason and effective termination date. ECONW shall receive compensation as specified in Articles 3 and 4 for all work completed up to the effective date of the termination.

C. **TERMINATION FOR OTHER REASONS:** Either party may terminate the Contract by giving at least thirty (30) days written notice of intent to terminate, specifying the reason and effective termination date. ECONW shall receive compensation as specified in Articles 3 and 4 for all work completed up to the effective date of the termination.

D. **TERMINATION DUE TO IRRECONCILABLE DIFFERENCES:** Either party may terminate this Contract immediately by delivering written notice of termination to the other party if, in the reasonable judgment of the terminating party, irreconcilable differences have developed in the professional relationship among the parties that would make continued work under this Contract untenable. ECONW shall receive compensation as specified in Articles 3 and 4 for all work completed up to the effective date of the termination.

ARTICLE 10. FORCE MAJEURE

Neither ECONW nor CLIENT will be held responsible for delay or default caused by fire, riot, acts of God, terrorist acts, or other acts of political sabotage, or war where such cause was beyond the reasonable control of ECONW or CLIENT, respectively. ECONW will, however, make all reasonable efforts to remove or eliminate such a cause of delay or default and will, upon the cessation of the cause, diligently pursue performance of its obligations under this Contract.

ARTICLE 11. DISPUTES

A. Any controversy or claim arising out of or related to this contract or breach thereof shall be settled by arbitration in accordance with the rules of the American Arbitration Association, and judgment upon the award rendered by the arbitrator may be entered in a court in the county in which the arbitration occurs. The resolution of the disputed matter as determined by the arbitrator shall be binding on the parties.

B. In the event arbitration, suit, or action is instituted to interpret or enforce the provisions of this Contract or otherwise with respect to this Contract, the party prevailing on an issue shall be entitled to recover with respect to such issue reasonable attorney fees incurred as determined by the arbitrator or trial court, and if any appeal is taken, from such decision, reasonable attorney fees as determined on appeal.

ARTICLE 12. EQUAL OPPORTUNITY

A. ECONW shall comply with Executive Order 11246, "Equal Employment Opportunity" as amended by Executive Order 11375 and supplemented in Department of Labor regulations.

B. ECONW shall not discriminate against any employee or applicant for employment on the grounds of to race, color, gender, sexual orientation, national origin, religion, marital status, age, prior industrial injury, or mental/physical disability unrelated to job performance.

C. ECONW shall cooperate with CLIENT to meet CLIENT's commitments and goals regarding utilization of minority, disadvantaged, and women-owned business enterprises.

ARTICLE 13. GOVERNING LAW

ECONW agrees to comply with all federal, state, county, and local laws, ordinances, and regulations applicable to this Contract. The Contract shall be governed by and enforced in accordance with the laws of the State of Oregon.

ARTICLE 14. NO THIRD PARTY BENEFICIARIES

Nothing in this Contract, express or implied, is intended or shall be construed to confer on any person, other than the parties to this Contract, any right, remedy, or claim under it or with respect to this Contract.

ARTICLE 15. CONFIDENTIALITY

A. ECONW recognizes that in performing services for CLIENT it may acquire knowledge which CLIENT may consider proprietary. ECONW shall take every reasonable precaution to protect such information from disclosure.

B. Analysis prepared by ECONW in accordance with this Contract shall be confidential, unless or until the analysis enters the public domain.

ARTICLE 16. NOTICES

A. Any notice required or permitted by the terms of this Contract, including without limitation monthly statements, shall be deemed given if delivered personally to the party to be notified or sent by United States mail, postage prepaid, and addressed as follows:

If to CLIENT:	City of Brookings Attn: Teri Davis 898 Elk Drive Brookings, OR 97415 Email: tdavis@brookings.or.us Phone: 541.469.2163
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If to ECONW: ECONorthwest
Attn: Cindy O'Connell
222 SW Columbia Street, Suite 1600
Portland, OR 97201
Email: oconnell@econw.com
Phone: 503.222.6060

B. Or such other addresses as may be designated by either party by written notice to the other. Except as otherwise provided in this Contract, every notice, demand, request, or other communication shall be deemed to have been given or served on actual receipt or if mailed, three (3) days after such notice is deposited in the United States Postal System.

C. Notwithstanding anything in this section to the contrary, any notice mailed to the last designated address of any person or party to which a notice may be or is required to be delivered pursuant to this Contract or this section shall not be deemed ineffective if actual delivery cannot be made due to a change of address of the person or party to which the notice is directed or the failure or refusal of such person or party to accept delivery of the notice.

IN WITNESS WHEREOF, the parties hereto have executed this Contract on the date first hereinabove written.

ECONORTHWEST

CITY OF BROOKINGS

BY: _____

BY: _____

PRINT NAME: _____

PRINT NAME: Gary Milliman, City Manager

DATE: _____

DATE: _____

EXHIBIT A

See following pages for Scope of Work

Scope of Work

Task 1. Screening Analysis

Task 1 of this project will be a screening analysis to narrowly define the appropriate research questions, data sources, and methods for the overall project, in accordance with the objectives as defined by the RFP and refined by the clients. This involves working with the clients and other stakeholders to narrow and define the full set of research questions and determine the best available data to answer the study questions. For this analysis, it includes identifying the full range of potential changes in economic activity resulting from the Chetco Bar Fire for the target economic sectors identified in the RFP. Additionally, this step includes a full review of available data, both existing and readily accessible from primary sources including interviews. Based on the identified effects and data sources we will determine which of those changes can be quantified and are appropriate to include in an economic impact analysis.

This step is crucial for this study from a practical standpoint because it balances both efficiency and effectiveness, while preventing allocation of resources to measuring aspects of the analysis that lack data, or have limited economic consequences. This approach also offers a framework that is well-defined, and transparent for the client, stakeholders, and any other users of the report. From our existing research on wildfire, natural resources, and economic impacts, we are familiar and experienced with most relevant data sources. But identification of the specific data sources and data sets most appropriately aligned with the changes caused by the Chetco Bar Fire should be a deliberate and thorough effort.

This task will be done rapidly in order to maintain the overall project timeline. Assuming access to relevant representatives of the partner agencies and organizations as well as identified stakeholders, this step should be completed in 2-4 weeks. A complete scope and budget for the overall project along with the literature and data review will be produced as products of this task.

Budget and Time Requirements: 88 hours and \$10,440, completed 3-4 weeks from contract signature. These rates will be used for subsequent tasks.

Table 1. Billing Rates

Staff Member	Title	Rate
Mark Buckley	Project Director	\$185
Joel Ainsworth	Project Manager	\$125

Virginia Wiltshire-Gordon	Research Analyst	\$80
Adam Domanski	Economist	\$180
Richard Haynes	Economist	\$150



EXHIBIT B

Request for Proposal (RFP) for Contract Services of Economic Impact Study of the Chetco Bar Fire

Curry County, The City of Brookings, and South Coast Development Council are proposals from qualified firms capable of performing an assessment of the economic impacts of the Chetco Bar Fire on the economy of Curry County and the City of Brookings.

I. Background

The Chetco Bar Fire was ignited by lightning strike in the Kalmiopsis Wilderness on July 12, 2017. On August 22, authorities named the Chetco Bar Fire as the top priority fire nationwide, and at peak there were more than 2,000 firefighters and personnel dedicated to the blaze. The fire was reported as 100% contained on November 4, 2017 though it remained smoldering for some time after.

The Chetco Bar Fire has had devastating effects on the residents and economy of the City of Brookings and Curry County. In total, it burned 191,125 acres, destroyed 6 homes, and forced the evacuation of more than 5,000 residents. Smoke from the fire was widespread, and affected air quality across the state for weeks.

II. Assessment Desired

The City of Brookings, in partnership with Curry County and South Coast Development Council, would like to obtain an Economic Impact Analysis of the effects of the Chetco Bar Fire.

This analysis desired will address the effects of the Chetco Bar Fire on the economy of the City of Brookings and Curry County.

The report would be an economic assessment document detailing the impacts of the Chetco Bar Fire on the local economy. This document would also identify funding opportunities and actions that can be taken to stimulate economic recovery.

The report would identify impacts to specific segments of the economy, assess the level of individual and cumulative impacts, identify action items that could be taken to stimulate economic recovery, and identify the roles of various agencies in assisting with a coordinated effort to undertake identified recovery measures.

Segments of the economy which are known to have been impacted by the Chetco Bar Fire include:

- i. Lumber production. The fire has destroyed thousands of trees that would have been used to supply raw materials for the last remaining lumber mill in Curry County. These trees were located on both federal and private lands, including some 12,000 acres owned by South Coast Lumber Company.
- ii. Commercial and recreational fishing. The fire will have lasting impacts on the Chetco River and tributaries that are used for Salmon spawning and fishery support.
- iii. Tourism. The Chetco River, National Forest and Wilderness Area are all popular tourist destinations offering a variety of recreational opportunities. Many of these recreational resources have been destroyed or disrupted by the fire.
- iv. Relocation. A significant segment of the Brookings economy is from the income of retirees who relocate to Brookings from other parts of the United States. The City is largely a retirement community, and the loss of recreational and scenic amenities could make the community a less attractive place for relocation.

Other affected segments of the economy should also be identified and reported on.

*** Sponsor Investors ***

Bandon Dunes Golf Resort • Bay Area Hospital • City of Brookings • City of Coos Bay
Coos County • Curry County • Jordan Cove Energy • Southwest Oregon Regional Airport

The study will evaluate these impacts and identify what actions can be taken by government at all levels and the private sector to mitigate these impacts and return the community to a positive economic growth path.

III. Deliverables:

Expected deliverables will be a report identifying the previously mentioned impact areas namely

- a. Lumber production
- b. Commercial and recreational fishing industry
- c. Tourism
- d. Impacts on residents
- e. Other segments of the economy that may not have been previously identified

Also needed in the report are:

- f. Suggestions on recovery
- g. Identification of grants and funding sources for recovery

IV. Timeline

Timeline for the project is as follows:

- March 5, 2018 – RFP must be submitted no later than 5pm
- March 10, 2018 – Contract awarded
- May 30, 2018 – First draft of the report required
- July 15, 2018 – Finalized report

For questions, please call:

Samuel Baugh
Executive Director
South Coast Development Council
Office: 541-266-9753
Cell: 541-808-7774

Team awarded RFP (Request for Proposal) will be contacted directly on or before March 10th, 2018.

Chetco Bar Fire

Economic Impact Study Proposal

March 5, 2018

Prepared for:

City of Brookings
Curry County
South Coast Development Council

ECONorthwest
ECONOMICS • FINANCE • PLANNING

KOIN Center
222 SW Columbia Street
Suite 1600
Portland, OR 97201
503.222.6060

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Phone | 503-222-6060
econw.com

KOIN Center
Suite 1600
222 SW Columbia
Portland, Oregon 97201

Other Offices
Seattle | 206-388-0079
Eugene | 541-687-0051
Boise | 208-918-0617

March 5, 2018

Samuel Baugh

SCDC, Inc.

50 Central Ave, Suite A

Coos Bay, Oregon 97420

Dear Samuel,

Thank you for the invitation to submit a proposal to assess the economic consequences of the Chetco Bar Fire. We recognize the importance of these questions and the strategy moving forward both for Curry County and its communities as well as the state of Oregon as a whole considering the quality, value, and economic importance of the affected resources. Bringing to bear the available data and perspectives, combined with the appropriate economic analyses that take into account both market and non-market forces, will be an important foundation for the region's short-term recovery and long-term potential. Furthermore, we believe our regional and topical expertise, data and method access, and reputational standing make us uniquely suited to meet the needs targeted by your solicitation.

Our firm has experience at the local, state, and federal level addressing the issues of wildfire, timber and watershed resources, tourism, and quality-of-life decision factors including outdoor recreation and amenities, and fisheries in terms of economic value and market impacts on industries, jobs and wages. Furthermore, we have developed a regional network of topical experts that can be consulted or even included in our projects with expertise in primary data for these categories of effects. And our work is some of the most respected in these fields, often referenced in the legislature in Salem and even on the floor in Congress for wildfire, forests, and outdoor recreation.

Our work on economic impacts and the ripples that investments and disruptions can have on regional economies sets the standard in Oregon. We are frequently called upon to conduct economic impact analyses for new policies and public investments by all levels of government in Oregon. Understanding the short-run and long-run impacts on regional economies of disruptive wildfire events as well as changes in forest wildfire regimes is crucial for informed public policy decision-making, including assessment of tradeoffs and funding justification. It can also motivate funding collaborations and positive-sum gains across multi-objective investments and programs.

Please find attached our response to your request for proposals. You can also see more information about our firm, credentials, and past work at our website www.econw.com. Please do not hesitate to contact me with any other questions.

Sincerely,

A handwritten signature in dark ink, appearing to read 'MB', with a long, sweeping horizontal line extending to the right.

Mark Buckley, Ph.D.

Partner and Senior Economist

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Project Understanding

South Coast Development Council (SCDC) along with the city of Brookings and Curry County and in collaboration with other regional partners, are seeking help from a third-party consultant to evaluate the economic effects resulting from the Chetco Bar Fire in Curry County in support of recovery efforts, and in preparation for future wildfires. The Chetco Bar fire caused damage and loss to a wide range of natural and built capital assets, both public and private, within Curry County. The wildfire caused negative effects for residents, visitors, businesses, and government agencies during the fire, and long-term consequences in many cases as well, including effects that have not yet been fully realized including damage to timber, and degradation of watersheds that can result in erosion, landslides, and debris flows during coming storm events.

The RFP identifies 4 primary categories of damages caused by the Chetco Bar Fire for assessment of the resulting negative economic impacts:

- Lumber production
- Commercial and recreational fishing
- Tourism
- Residency/relocation

Collectively these effects capture the primary negative consequences that relate to the regional economy on both the short-term and long-term. The fire disrupted forestry activities during the fire and afterwards. Timber resources, both public and private, were either lost or damaged. Effects on harvest and value-added activities will continue for the lifespan of the current timber crop rotation. Fishing activities were similarly disrupted and while fish populations were likely directly affected by fires, the long-term degradation of habitat, including future disturbances due to erosion and landslides, are of surely greater overall economic consequence. Tourism was forced to effectively fully cease during the fire and following, typically a peak season for the region. Our work and the literature also demonstrates the lasting “taint” effect that can linger, influencing future tourism decisions for years. The region’s quality-of-life both actually and in perception were affected by the Chetco Bar Fire. This affects decisions by individuals and businesses during the fire but also for years after, not only due to taint effect, but also a perception that the prior occurrence of fire makes an area more likely to burn in the future, even though scientific studies show this not to be the case.

Understanding the full economic consequences of major events such as the Chetco Bar Fire and properly recovering and adapting will be important for the region and the state to achieve its economic potential. The intersection of natural

resource management, benefits and costs are important to understand and properly invest for communities today and in the future. Such an assessment must also take into account the relevant audiences for such work. Developing such an analysis in tandem with a review of potential resource managers including funding sources and their decision processes can ensure that the work is well-tailored to intended applications.

Approach

This scope of work outlines the approach ECONorthwest (ECO) would take to measure the effect of the Chetco Bar Fire on the economy, particularly regarding Curry County and the City of Brookings, and use this information to inform recovery implementation and funding efforts. Based on the importance of designing analyses to the available data, ECO is proposing a phased approach for this analysis. Because the Chetco Bar fire occurred within the last year, several studies are still underway that are attempting to quantify the magnitude of effects to the forestry, fishing, and tourism sectors. On the other hand, past studies of other wildfires and studies of this region's economy, including our own studies, are currently available. ECO will identify and use the best available data to describe the fire's impact on the region.

This evaluation will focus on three primary tasks. Broadly, ECO will measure the economic effects of the Chetco Bar wildfire. Additionally, we will identify the potential funding sources that can serve as a resource to facilitate recovery from the fire, and will identify pathways to economic recovery for the region. Third, we will align this information on the negative economic impacts of the fire with funding sources to articulate strategies for recovery and fundraising. The specific steps to conduct these analyses will depend on the availability of data and the clients desired outcome for the final report. Consequently, the proposed first phase is a rapid literature and data review, followed by development of a more detailed work plan and budget. In this proposal, we provide specifics on both stages, with parameters for the boundaries of potential Phase 2 efforts. We also provide options for certain analyses, recognizing there are tradeoffs associated with varied levels of effort by topic. That is for example, situations with high quality data, high impact consequences of the fire, and high potential funding or recovery opportunities would likely justify more time and effort than topics with conditions to the contrary.

An additional important layer to this work is to evaluate trends facing these resources affected by the Chetco Bar Fire. Trends will be important both for understanding the full consequences into the future, but also best identifying adaptation strategies. For example, timber market conditions and ocean salmon fisheries were already facing trends affecting vulnerability and viability over recent years. For example, salmon stock assessments were already down for populations unaffected by the fire. Outdoor recreation demands are both shifting

and generally increasing in the region and beyond, affecting both tourism and relocation demand. These and similar factors are important for the region's adaptation to economic transitions underway. And they will be equally relevant to long-term adaptation and recovery strategies.

Work Plan

Task 1. Screening Analysis

An important first step of a study of this type is an initial evaluation of issues and available data known as a screening analysis. This involves working with the client and other stakeholders to narrow and define the full set of research questions and determine the best available data to answer the study questions. For this analysis, it includes identifying the full range of potential changes in economic activity resulting from the Chetco Bar Fire for the target economic sectors identified in the RFP. Additionally, this step includes a full review of available data, both existing and readily accessible from primary sources including interviews. Based on the identified effects and data sources we will determine which of those changes can be quantified and are appropriate to include in an economic impact analysis.

This step is crucial for this study from a practical standpoint because it balances both efficiency and effectiveness, while preventing allocation of resources to measuring aspects of the analysis that lack data, or have limited economic consequences. This approach also offers a framework that is well-defined, and transparent for the client, stakeholders, and any other users of the report. From our existing research on wildfire, natural resources, and economic impacts, we are familiar and experienced with most relevant data sources. But identification of the specific data sources and data sets most appropriately aligned with the changes caused by the Chetco Bar Fire should be a deliberate and thorough effort.

This task would be done rapidly in order to maintain the overall project timeline. Assuming access to relevant representatives of the partner agencies and organizations as well as identified stakeholders, this step should be completed in 2-3 weeks.

Budget and Time Requirements: 88 hours and \$10,440

Task 2. Quantifying the economic effects and market impacts of the Chetco Bar Fire

Quantifying the economic effects from wildfires is a complex process, as biophysical and socioeconomic factors occur both in the short-run and long-run. These effects translate to changes in short-run spending which can be difficult to measure due to the limited availability of data, and long-term investment

decisions unfold over a lengthy period of time over which other important factors come into play, including factors not yet in play. For this reason, we typically classify the appropriate analytical framework for estimating economic impacts into the following categories:

- **Short-run impacts:** temporary economic impacts associated with changes in business and consumer spending as a direct result of the fire. The time horizon for this analysis is typically a fiscal, or calendar year, though under certain conditions short-run analyses can be considered out to 5 years.
- **Long-run impacts:** sustained economic impacts associated with the subsequent changes in relative prices, factor costs, and the optimal use of resources in the region, as well as industries and households linked by competitive and supply-chain factors.

ECO proposes to calculate the short-run impacts to the region using an economic input-output model called IMPLAN (IMPact Analysis for PLANning). IMPLAN is the most detailed, and reliable input-output modeling framework, and provides the ability to be granular by geography for measuring economic impacts. IMPLAN was originally developed by the Forest Service of the U.S. Department of Agriculture in cooperation with the Federal Emergency Management Agency and the Bureau of Land Management of the U.S. Department of the Interior in 1993, and is currently licensed and distributed by the Minnesota IMPLAN Group, Inc.

If the client wishes to explore the long-run effects of the fire, we would propose to use REMI (Regional Economic Models, Inc) to take advantage of its more flexible and dynamic characterization of the economy. In addition to the underlying input-output model, REMI uses econometric techniques to forecast future changes in the economy under certain scenarios. This includes changes in expected income, wage responses to changes in labor market conditions, and changes in the share of local and export markets. ECO currently has access to the REMI model, however, the long-run effects would need to be estimated at the state-level.

In either case, our analysis will address two main types of economic impacts: direct economic impacts and secondary economic impacts.

- **Direct economic impacts.** A direct impact is the change in spending from local businesses and consumers as a direct result of the fire. These values serve as inputs to the economic impact model and will be derived from our work in Task 1.
- **Secondary economic impacts.** A secondary economic effect is one that occurs one or more steps beyond the direct change in business or

consumer spending. For example, if a business experiences a temporary decrease in sales, that can affect business purchase further up the supply chain and result in temporary lost wage for employees. These secondary effects will be estimated using economic input-output models.

Estimated Budget and Time Ranges: 300 to 400 hours, \$30,000 - \$45,000, and 1-3 months, based on agreed upon tasks.

Task 3. Identify Funding Sources and Recovery and Adaptation Strategies

As a parallel task to Task 2 (implemented concurrently), under Task 3 we would review existing funding sources and other potential public and private resource pools or collaborative strategies available for short-term recovery and long-term adaptation to the economic consequences of the Chetco Bar Fire. We have conducted similar studies elsewhere, including within the region, and are familiar with local and federal funding sources, alternative revenue generation strategies, and various private funding and partnering opportunities. This review would work closely with local stakeholders and partners to ensure a comprehensive treatment.

This task would also lay the groundwork for development of overall strategies and compilation of relevant data that could be used to implement these recovery and adaptation strategies.

Estimated Budget Range: \$3,000 - \$8,000.

Task 4. Summarize and Report Findings

ECO will prepare a draft report for client review. The report will include a high level executive summary backed by a detailed analysis. After the client has a chance to review ECO's findings and offer input, we will complete a final report.

The report will describe, in a straightforward manner, the effect of the Chetco Bar Fire to the region, and where possible, describe the comprehensive short-term and long-term economic impacts resulting from that fire. It will also summarize available funding sources and use this information to describe recovery and adaptation strategies. We will produce a comprehensive technical report, which emphasizes a traditional, yet straightforward approach to organizing and presenting the economic impact data.

If the client desires a more visual approach, we can also work with our GIS and InDesign team to produce a final draft that focuses more on infographics and data visualization.

Estimated Budget Range: \$5,000 - \$15,000.

Schedule and Budget

We anticipate the cost to complete this analysis to be between \$40,000 and \$70,000 depending on the approach the client would like to take for estimating the economic impacts of the Chetco Bar Fire. We are also available to discuss strategies for providing economic impact estimates at lower total costs by applying standard multipliers rather than in-depth market modeling, which could provide for total budget cost below this range. The staff and rates we anticipate using for this project are provided below in Table 1. If we are able to obtain the necessary data from the screening analysis in a timely manner, we have sufficient staff capacity to meet the deadlines of a draft deliverable by the end of May and a final deliverable by July 15th.

Table 1. Billing Rates

Staff Member	Title	Rate
Mark Buckley	Project Director	\$185
Joel Ainsworth	Project Manager	\$125
Virginia Wiltshire-Gordon	Research Analyst	\$80
Ed MacMullan	Economist	\$160
Adam Domanski	Economist	\$180

Project Team

About ECONorthwest

ECONorthwest is the Northwest's most comprehensive independently-owned economics consulting firm. Formed in 1974, it has a long history of employing sound analytical methods to successfully complete projects for private and public clients across the U.S. and the world. ECONorthwest has earned a national reputation for rigorous and often pioneering policy analysis, especially on public policies affecting the allocation and use of natural resources. Much of our work examines the relationships between regional economies and their natural-resource endowment. We evaluate the economic effects of public policies and private actions by tracing the full range of costs and benefits associated with environmental assets. In 2009, EPA's Science Advisory Board endorsed ECONorthwest's economic valuation approach as "one of the best examples of the kind of landscape-scale analysis of the value of ecosystems and services recommended by this report." For every thorough, innovative economic analysis we produce, effective written and visual communication are integral. ECONorthwest's staff are routinely singled out for their ability to communicate concisely and clearly to administrators, legislators, and lay audiences, even when the substance of the testimony involves complex economic principles and analytical findings. ECONorthwest's clients include federal agencies, attorneys, and coalitions of local governments and organizations working to integrate multiple priorities. We incorporate sensitivity toward procedural issues and routinely work with advisory groups and the public to ensure that our recommendations are technically correct, institutionally feasible, and politically realistic. In all cases, we help our clients answer important questions, and make decisions using sound economic information.

ECONorthwest has designed and conducted some of the most prominent studies of the economic consequences of forest management and wildfire events across the West and in Oregon in particular. ECONorthwest conducted all economic analyses for the BLM's latest western Oregon Resource Management Plan, including evaluation of local community economic impacts for effects on timber, fisheries, recreation, and quality-of-life. We have conducted numerous studies for the USFS regarding outdoor recreation and wildfire, including review of the costs and consequences of major wildfires in Oregon. Our groundbreaking study in the Sierra Nevada of all benefits of watershed-scale wildfire fuel treatments, in collaboration with several teams of scientists from academia and federal agencies, has been cited frequently including multiple times recently in Congress in support of recovery funding from last year's fires.

Key Staff

Full resumes can be found in the Appendix.

Mark Buckley, Project Director

Ph.D. Environmental Studies, University of California, Santa Cruz
B.A. Economics, Davidson College

Mark Buckley develops economic models and analytical methods for planning and behavior involving water resources and land management. In particular, he combines microeconomic and game-theoretic techniques with competence in the biophysical aspects of natural systems. Dr. Buckley specializes in bringing an intuitive approach to understanding individual and group incentives to account for decision-making in policy design. His work addresses benefits of watershed-scale river restoration in Utah; improving urban water quality with green infrastructure; adapting water resources to climate change in Hawaii; cost-effective approaches to policy and finance for restoring Puget Sound; water quality trading in the Lake Tahoe Basin; levee setbacks and restoration on the Green River in King County, WA; analyses of cost and risk reduction for large wildfires; landscape-scale restoration in the Sacramento River Valley; coordinating agriculture with development and habitat goals along the Skagit River; water planning with reclaimed water for King County, Washington; and development of tools for communities to select appropriate water portfolios in coastal California. He has also developed natural resource valuation tools for the Jamaican national government with funding from UNDP. Buckley has published research in peer-reviewed journals and edited books and served as an adjunct professor for environmental economics at Portland State University.

Joel Ainsworth, Project Manager

M.S. Applied Economics, Oregon State University
B.A. Economics, University of Alaska Anchorage

Joel is a project manager at ECONorthwest, where he supports work on economic impact analyses, along with natural resource and environmental economics. His recent projects for ECONorthwest include projects in healthcare, recreation, and business economics. Prior to ECONorthwest, he worked as an economic and policy analyst where he focused on energy and transportation projects. As a graduate student, much of his work was focused on biofuels and renewable energy.

Ed MacMullan, Economist

M.S. Agricultural Economics and International Agricultural Development, University of California at Davis

B.S. Soil Science, Oregon State University

Ed has been with ECONorthwest since 1990. He specializes in assessing the economic effects of public policies that affect natural-resource management. He also has extensive experience in litigation support, working on cases involving antitrust, intellectual property, right-of-way, and healthcare topics. Ed currently serves on the Hydrology Subcommittee of the Sustainable Sites Initiative, where he helped develop the guidelines and performance benchmarks for the "SITES" rating system. He regularly presents to regional and national conferences, including presentations to the national low-impact development conference, a national review panel convened by the U.S. Environmental Protection Agency, and has been a featured speaker at the annual training sessions organized by the Nonpoint Education for Municipal Officials (NEMO) group. Before joining ECONorthwest, Ed studied as a Fulbright Scholar at the Energy Studies Unit of the University of Strathclyde.

Adam Domanski, Economist

Ph.D. Economics, North Carolina State University

M.E. Economics, North Carolina State University

B.A. Economics, College of William and Mary

Adam Domanski has extensive experience valuing changes to public and environmental goods using quantitative methods. Prior to joining ECONorthwest, Adam was an economist with NOAA's Office of Response and Restoration and was responsible for assessing ecological and human use injuries resulting from oil spills and chronic hazardous waste contamination. He also served as the Acting Deputy Director of NOAA's Marine Debris Program and represented the Agency at the 2017 G20 meetings in Germany. Adam is a member of the American Economic Association and the Association of Environmental and Resource Economists.

Related Experience

Wildfire Fuel Treatment and Downstream Beneficiary Financing

Working with the Sierra Nevada Conservancy, USFS, and The Nature Conservancy, ECONorthwest modeled the effects of wildfire fuel treatment with fire, erosion, debris, hydrologic, and economic models to trace the effects, their beneficiaries, and avoided costs that would accrue. The work identified the reality that in the Mokelumne River watershed, an area in the Sierra Nevada that is at risk of catastrophic wildfire, no one category of beneficiaries likely receives sufficient benefit to single-handedly fund a fuel treatment program, and a diverse stakeholder process and mechanism would be necessary to achieve the overall socially-efficient level of fuel treatment.

Independent Large Cost Wildfire Review Panel

For the Secretary of Agriculture, ECONorthwest assembled and led the 2008 Independent Large Cost Wildfire Review Panel. The Panel was tasked by the USDA to examine the wildfire suppression costs during Fiscal Year 2008 and to determine if the USDA exercised fiscal diligence in managing specific incident suppression activities. The Panel was also charged with and investigated a number of other areas for risk and cost improvements, including design and implementation of decision tools, development of incentives within the Forest Service and with cooperators and locals, improvement of safety, and improvement of strategic planning.

Socioeconomic Analysis of BLM's Management Alternatives for Western Oregon

For the BLM, ECONorthwest conducted the analyses associated with evaluation of the socioeconomic effects of management alternatives for BLM-administered lands in western Oregon under a new Resource Management Plan (RMP). This entailed the full suite of economic effects of market and non-market activities, including timber harvest and management, restoration activities, habitat conservation, recreation, carbon sequestration, source water protection, and rural economic development. As part of this work, ECONorthwest developed groundbreaking techniques to strategize recreation and ecological investments to promote value and provide rural economic investment opportunities, and improve socioeconomic vitality in areas depressed due to long-term trends in declining timber harvests. The analysis also evaluated how the RMPs would impact revenue streams to local entities arising from timber harvest and other revenue sources. ECONorthwest adapted the impact analysis for the Environmental Impact Statement of the RMPs. ECONorthwest also served as expert presenters for community meetings throughout the region, and developed community-specific outreach materials communicating the local economic

benefits of the final RMP, particularly regarding outdoor recreation opportunities.

BLM Western Oregon Recreation Demand Analysis

For the Bureau of Land Management (BLM), ECONorthwest conducted an assessment of the supply and demand for outdoor recreation opportunities in Western Oregon. The analysis then used this information to identify geographically-specific and activity-specific tables and maps of outdoor recreation scarcity and abundance. These data will support BLM's efforts to strategically target future investment in recreation areas, so as to generate the greatest demand and corresponding benefits and regional economic development opportunities.

To describe current demand and pattern of participation in outdoor recreation, ECONorthwest used regional participation data from BLM's Recreation Management Information System (RMIS), as well as participation and user occasion data from Oregon's most recent Statewide Comprehensive Outdoor Recreation Plan (SCORP). Additionally, ECONorthwest developed regional projections for recreation participation levels until 2060, using data from the National Survey on Recreation and the Environment (NSRE). For each of the major population centers in Western Oregon, ECONorthwest determined which areas are accessible within a 30-minute and 60-minute drive, estimated the size of the local user population living within each of these "travelsheds," and mapped other demographic characteristics that drive recreation demand, such as median age and income.

To characterize the supply of recreation opportunities in each of these areas, across all federal, state and local government providers, ECONorthwest completed a comprehensive analysis of available GIS data and collected information from online spatial and non-spatial user databases of recreation assets, including trails, campgrounds, and others. With these data, ECONorthwest intersected the measures of demand and supply to determine which areas are currently experiencing scarcity, relative to the size of the local user population, and which areas could benefit most from investment in recreation development by BLM. ECONorthwest generated maps and tables showing absolute and relative scarcity per user based on regionally-specific and activity-specific user estimates, and tables ranking the relative scarcity and abundance within proximity to each of twelve major population centers in western Oregon.

Jordan Cove Socioeconomic Impact white paper

ECONorthwest will research and write a white paper in response to FERC's inquiry regarding the socioeconomic impacts of the three-year construction phase of the Jordan Cove Energy Project ('JCEP') in Coos Bay. The white paper

will describe the types of workers that will be engaged in the construction and where they would live. It would then predict the number of workers that would occupy housing units in Coos County and the number that would bring family members with them. The report will describe the housing situation in Coos County and Coos Bay, the ability of that housing to accommodate the influx of construction workers and their families, and the capacity of the school district to serve the anticipated increase in enrollment.

Rural Oregon Aviation Demand and Potential

ECONorthwest conducted a series of studies for the Oregon Department of Aviation to better understanding market forces driving demand for rural air service. The work informs future grant-making and other funding decisions regarding investments to improve and promote rural air access. Southern coastal Oregon was an area of particular focus and case study.

NWCUA Economic Impacts

ECONorthwest measured the economic impacts of credit unions in the Pacific Northwest for 2016. In order to conduct an accurate estimate of economic impacts, ECONorthwest surveyed credit unions in Oregon and Washington to measure branch membership and develop a unique spending pattern for credit unions, which are not well-represented using industry averages.

The survey was supported by publically available data, which provided information on supply chain expenditures and wages. ECONorthwest then used an input-output modeling framework to calculate the indirect and induced effects for every county and congressional district in Oregon and Washington. Due to limitations of federally reported data, this was the first study of its kind conducted nationally to model the economic impacts of credit unions. The study was first conducted in 2015, which created baseline impacts to benchmark industry growth over time. ECONorthwest has also performed similar studies in California, Idaho, and Nevada for credit union associations.

Airbnb Portland Economic Impact Study

ECONorthwest measured the economic impacts of guest and host spending in the City of Portland, Oregon in 2015. Specifically, ECONorthwest calculated the economic output, value added, number of jobs, and labor income that are directly, and indirectly attributable to Airbnb users.

ECONorthwest used the IMPLAN input-output software modeling program to measure the impact of guest and host spending during Airbnb stays. The primary data source was spending totals by guests and hosts in Portland using a survey administered by Airbnb. The model estimated how much people spend locally based on the mix of expenditures.

Healthcare Innovation in Washington State

The Cambia Grove, WBBA, and The Washington State Department of Commerce commissioned and collaborated with ECONorthwest measure the economic contribution of the healthcare innovation sector in Washington State. This analysis was commissioned as a foundation for measuring the sector and to begin a discussion about how cross-sector collaboration can help grow healthcare innovation across the state of Washington.

The analysis created opportunities for discussion about healthcare innovation in Washington State, by identifying where healthcare innovation occurs and by measuring how they contribute to the regional economy. The study utilized surveys of individual companies that are vertically integrated, as well as collaboration with state agencies to utilize confidential firm level data.

Uber National Economic Impact Study (2014)

By connecting drivers and riders on its innovative software platform, Uber has made a positive impact on the efficiency of the transportation market and contributed to the local economies in which it operates. Uber asked ECONorthwest to calculate the gross economic impacts resulting from Uber's technology platform and operations nationally in the U.S., as well as in 11 specific U.S. markets, and various global markets.

This included using the payments from riders to Uber and Uber's partners to calculate the activity supported when partners spend money in order to provide rides, and the additional personal spending that partners undertake as a result of their income as drivers. ECONorthwest used these payments to understand the value that Uber provides above and beyond a given ride.

Appendix

Appendix A. Team Resumes

Dr. Mark Buckley, Partner and Senior Economist

Ph.D. Environmental Studies (Economics Focus), University of California, Santa Cruz
B.A. Economics, Davidson College

Dr. Mark Buckley leads the natural resource practice at ECONorthwest, designing and managing economic analyses typically involving water resources and land management. He focuses on the context-specific scarcities to understand the real value of goods and services, whether they be market or non-market. The majority of his work focuses on improving efficiency of investments in watersheds and water resources, including integrated planning, restoration, conservation, and damage recovery. Mark works as part of interdisciplinary teams, typically for federal as well as state and local agencies, including USFS, USEPA, BLM, DOI, NOAA, Puget Sound Partnership, Oregon Department of Forestry, and Washington Department of Ecology. He has conducted cutting-edge research integrating restoration of ecosystem services within heavily-used areas including urban, and better understanding and designing systems to provide economic benefits from joint investments in natural and physical capital. His recent work includes leading benefit-cost analyses for water quality investments in San Diego and Orange counties, designing wildfire prevention efforts to maximize benefits and identify funding opportunities in the Sierra Nevada, long-range planning for stormwater and wastewater investments taking into account public and private objectives in Puget Sound, and improving outdoor recreation investments to provide economic benefits and business opportunities in Oregon. Mark serves as an expert witness on natural resource issues, and has served on city advisory committees. He has published research in peer-reviewed journals and has edited books, and served as an adjunct professor for environmental economics at Portland State University.

Representative Projects

- **BLM Western Oregon RMP/EIS Socioeconomics.** Estimated economic values and job impacts of alternatives for management of BLM lands in western Oregon. Addressed market and non-market values, including timber, recreation, carbon, wildlife habitat, and ecosystem services.
- **Wildfire Fuel Treatment and Downstream Beneficiary Financing—Mariposa, CA (2012).** Identified and estimated the economic value and job impacts associated with fuel treatment and watershed management in the Mokelumne River Basin, California for the US Forest Service, the Nature Conservancy, and the Sierra Nevada Conservancy. This includes downstream effects for utilities and communities.
- **Economic Contribution of Irrigated Agriculture to the Walla Walla River Basin—Various, OR & WA (2010).** For the Confederated Tribes of the Umatilla Indian Reservation, quantified the current and historic value of irrigated agriculture in the Walla Walla Basin on a local and state level in Oregon and Washington.

- **DOI Tribal Cultural Service Loss Valuation.** Participated in development and implementation of tribal listening sessions and led economic method review and design to support Department of Interior in improvement of natural resource damage assessment and restoration methods involving lost tribal cultural services.
- **Analysis of the Relationship Between Irrigation and Montana's Economy—Helena, MT (2007).** Analyzed the potential economic consequences of public investments in existing and proposed irrigation systems for the Montana Department of Natural Resources.
- **Economic Analysis of Clackamas County Forest Certification Strategy—Clackamas County, OR (2009).** Estimated revenue potential from carbon and other ecosystem service markets for public forests in Clackamas County, Oregon.
- **San Juan-Chama Wildfire Effects—Santa Fe, NM (2016).** For the Nature Conservancy, worked on benefits and costs of wildfire fuel treatments in the Rio Grande Basin to the San Juan-Chama region of southern Colorado and northwest New Mexico.
- **Clackamas County Pilot Urban Lumber Program—Portland, OR (2016).** Analyzed and developed strategies based on the economic feasibility of urban timber industry in Clackamas County, Oregon.
- **Taos County Wildfire Investment—Taos, NM (2015).** For the Nature Conservancy, calculated the costs and benefits of wildfire fuel treatments in the Rio Grande Basin for the Rio Grande Water Fund.
- **BLM Western Oregon Recreation Demand Analysis—Various, OR (2014).** For the Bureau of Land Management (BLM), conducted valuation of baseline and alternative-specific goods and services provided by BLM-administered land in Oregon as part of the updated resource management plan. Conducted stakeholder outreach workshops for communities on management plan impacts. Directed development of outreach materials.
- **Oregon State Forests Assessment of Alternative Revenue Sources—Salem, OR (2013).** Assessed alternative revenue opportunities for Oregon Department of Forestry in its management of state trust lands. Evaluated the potential revenue, costs, and liabilities for increasing revenue through recreation fees, donation programs, public-private partnerships, corporate sponsorships, telecommunication, and right-of-way fees.
- **Pew Trust Forest Bill Costs—Portland, OR (2013).** Evaluated the costs and revenues likely associated with HR 1526 under consideration in Congress to increase timber harvests on all federal forests. Evaluated implications for sale preparation costs, road maintenance and construction, distances to mills, market demand conditions, and impacts on other public and private timber operations.
- **USACE Double-Crested Cormorant Management Plan Review—Portland, OR (2014).** For the Army Corps of Engineers, served as economic expert for peer-review of efforts to evaluate the tradeoffs associated with alternatives for managing cormorant predation on salmon in the Columbia River.

Joel Ainsworth, Project Manager

M.S. Applied Economics, Oregon State University
B.A. Economics, University of Alaska Anchorage

Joel Ainsworth is a Project Manager at ECONorthwest, where he specializes in applied economic analysis. His recent projects for ECONorthwest include topics healthcare, social policy, and business economics. Joel also leads many of the firm's input-output analyses to evaluate regulatory and public policy decisions, while helping businesses understand how they contribute to the regional economy.

Representative Projects

INPUT-OUTPUT ANALYSES

- **Economic Effects of H2A Guest Worker Program—Lacey, WA (2016). Project Manager.** Quantified the economic contributions of the H2A guest worker program to Washington State, the agricultural industry, and workers.
- **Northwest Credit Union Association Economic Impact Study—OR & WA (2014).** Performed an economic impacts study for the Northwest Credit Union Association measuring the impacts of all credit unions in Oregon and Washington. Data sources included surveys of member institutions to capture the impacts of member savings, total economic output, the number of jobs, and total income related to credit union operations in the Northwest.
- **Economic Impacts of Oregon Tech – Klamath Falls, WA (2015). Project Manager.** Evaluated the economic contributions Oregon Tech with a focus on its two campus locations in Klamath Falls and Wilsonville, OR. This included measuring the economic effects operational and capital expenditures, along with the effect of student spending.
- **Economic Analysis of AllCare CCO—Grants Pass, OR (2016). Project Manager.** Measured the economic contributions of Medicaid spending in Southern Oregon. ECONorthwest also looked into the impact CCOs have had on the region and described the vulnerable population and changes in utilization for high-cost services.
- **Health Care Innovation in Washington State – Seattle, WA (2015). Project Manager** ECONorthwest performed an economic contribution and market analysis on Washington State's healthcare technology sector.

NATURAL RESOURCES AND ENVIRONMENT

- **Socioeconomic Analysis of a Proposed Fish Hatchery—Central ID (2015). Project Associate.** Evaluated the potential socioeconomic impacts for the reconstruction of the Crystal Springs Hatchery and other associated sites. As part of the analysis, estimated the potential effects of the construction on recreation, commercial, and fishing opportunities.

- **Whitewater Play Park at the Willamette Falls—Portland, OR (2015). Project Associate.** Identified and quantified the primary economic values and market impacts that were likely to materialize from the proposed park on Willamette Falls.
- **Travel Oregon Tourism Survey – Portland, OR (2015). Project Manager.** ECONorthwest designed a survey to gather information about visitors to the Columbia Gorge during the peak tourism season.
- **Travel Oregon Recreation Analysis—Portland, OR (2016). Project Manager.** Provided economic analyses and demand modeling, economic impacts, etc. in support of a new outdoor recreation initiative.
- **Clackamas County Pilot Urban Lumber Program—Clackamas County, OR (2016). Project Manager.** Assisted the County in developing a cooperative program, operating manual, and assessment of impacts for an urban lumber pilot program that enables more sustainable planting, harvesting, and reutilization of urban trees.
- **Greenhouse Emissions Reduction Plan—Portland, OR (2016). Project Manager.** Provided analytic support to an Oregon business leader’s taskforce that will design a five-year action plan for reduce greenhouse gas emissions in Oregon.
- **Macroeconomic Effect of Energy Efficiency in Oregon and Washington – OR & WA (2015). Project Manager.** ECONorthwest measured the macroeconomic effects of different energy efficiency investments in Oregon and Washington using a dynamic economic impact model.
- **Mosaic Phosphate Mine Expansion – Various, Florida (2015). Project Manager.** Measured the economic impacts of extending and reclaiming existing phosphate mines in Hardee, Manatee, and DeSoto Counties.

PLANNING AND DEVELOPMENT

- **St. Helens Waterfront Economic Analysis – Saint Helens, OR (2016). Project Manager.** ECONorthwest evaluated the benefits and costs associated with developing an alternative connection to Highway 30 from the City’s waterfront.
- **Woodburn Industrial Development Opportunities Analysis – Woodburn, OR (2016). Project Associate.** ECONorthwest developed an economic analysis about the highest and best land-use options for a recently completed UGB expansion in Woodburn, OR.

TRANSPORTATION

- **Lummi Nation FASTLANE Grant BCA—Lummi Island, WA (2016). Project Manager.** Provided a BCA to support a grant application for a highway freight project for the Lummi Indian Nation.
- **Gooseberry Point TIGER BCA – Lummi Island, WA (2015). Project Manager.** ECONorthwest build a benefit-cost model grant for a ferry terminal link to Lummi Island for the Lummi Indian Nation in support of a TIGER grant.

Ed MacMullan, Project Director and Senior Economist

Fulbright Scholar, University of Strathclyde, Scotland
M.S. Agricultural Economics and International Agricultural Development,
University of California at Davis
B.S. Soil Science, Oregon State University

Ed MacMullan is Project Director and Senior Economist at ECONorthwest who has extensive experience in the firm's natural resource and litigation practice areas. Much of his work entails applying benefit-cost principles to private and public-policy decisions to help stakeholders and decision makers understand economic outcomes. His natural resource experience includes economic analyses of management decisions that affect natural resources including surface and ground water, forests, and agricultural lands. Ed currently serves on OSSPAC, the Oregon governor's earthquake advisory committee and is also a member of Salus Resilience, a team of several resilience-minded firms that provide resilience assessment, planning, and design services. Ed's litigation experience involves working closely with ECONorthwest's testifying economists and managing and conducting analyses that cover a range of topics including: natural resource damage assessments; anti-trust liability and damage calculations; contract disputes; and, intellectual property valuations.

Representative Projects

Ed MacMullan served as Project Director on the following projects:

NATURAL RESOURCE MANAGEMENT

- **Economic Importance of Water in the North Santiam Basin (2017-2018).** For the North Santiam Watershed Council, currently assessing and quantifying the economic importance of water to the North Santiam Basin's economy, municipalities, and watersheds.
- **Economic Benefits of River Navigation (2017-2018).** For the Willamette Falls Locks Working Group, conducted a benefit-cost analysis of management alternatives for reopening the Willamette Falls Lock on the Willamette River in Oregon City, Oregon.
- **Water Security for the Yakima River Basin (2016-2017).** For the Economic Subcommittee of the Yakima River Basin Water Enhancement Project Workgroup, described and quantified the significance of water in the Yakima River Basin to the Basin's economy, municipalities, and watersheds. The analysis also described the economic costs and benefits of an integrated water management plan for the Basin.
- **Agricultural Resource Land Designations (2016).** For a private client in Washington, collected and analyzed data on Agricultural Resource Land (ARL) designation criteria in Pierce County, Washington. The analysis included summarizing information on ARL criteria in Pierce County, and comparable criteria in surrounding counties. Assessed the

impacts of proposed changes to ARL criteria on Pierce County's agricultural output and broader economy.

- **Natural Resource Damages from Gulf Oil Spill (2015-2016).** For representatives of the Edward Wisner Donation Trust in New Orleans, Louisiana, described natural resource damages to coastal property in Louisiana as a result of the Deepwater Horizon/BP oil spill in the Gulf of Mexico. The analysis included estimating restoration and cleanup costs.
- **BLM Western Oregon Land Management Plans (2014-2016).** For the Bureau of Land Management, assessed the socioeconomic impacts of management alternatives in the Draft Resource Management Plans for BLM-Administered Lands in Western Oregon. The analysis included impacts of management alternatives on timber revenues and payments to county governments.
- **Value of Port and Terminal Investments Along the Willamette River (2015).** For the Port of Portland, identified and quantified investments in port and terminal developments attributed to the deepening of the Columbia River Shipping Channel between Portland and the mouth of the Columbia River.

NATURAL HAZARD PREPAREDNESS AND RESILIENCY ASSESSMENTS

- **Benefit Cost Analysis of Seismic Restoration (2018).** For administrators of the Gresham-Barlow School District, conducted a benefit cost analysis in support of an application to the Oregon Seismic Rehabilitation Grant Program. The analysis complied with Oregon and FEMA seismic rehabilitation guidelines and compared the benefits and costs of seismic restoration to an elementary school.
- **Portland URM Retrofit (2016).** For representatives of the City of Portland, participated in a benefit cost analysis of the City's proposed seismic retrofit ordinance for unreinforced masonry buildings (URM).
- **Economic Impacts of Tsunami Evacuations (2016).** For the US Geological Survey, estimated the economic benefits of identifying tsunami evacuation zones in California based on tsunami-specific characteristics. The analysis compared costs of evacuations based on tsunami-specific characteristics vs. evacuations based on the maximum evacuation zone currently used.
- **Resiliency Investments for Communities (2016).** For the Oregon Partnership for Disaster Resilience, developed training materials on the economic aspects of implementing municipal resiliency actions or policies. Project deliverables targeted local officials, decision makers, and stakeholders in rural communities in coastal Oregon and local resiliency efforts to mitigate the consequences of the Cascadia Subduction Zone earthquake and tsunami on these communities.
- **Economic Assessment of FEMA's Community Rating System (2012).** For the Oregon Partnership for Disaster Resilience, conducted a benefit cost analysis of Clackamas County's participation in FEMA's Community Rating System (CRS). Calculated the range of benefits and costs of participating in the CRS program, and the net benefits of improving the County's CRS score for property owners in the county.

Dr. Adam Domanski, Project Director

Ph.D. Economics, North Carolina State University
M.E. Economics, North Carolina State University
B.A. Economics, College of William and Mary

Dr. Adam Domanski is a Project Director at ECONorthwest who specializes in environmental and natural resource economics, natural resource damage assessment, applied econometrics, and nonmarket valuation. He has extensive experience valuing changes to public and environmental goods using quantitative methods. Prior to joining ECONorthwest, Adam was an economist with NOAA's Office of Response and Restoration and was responsible for assessing ecological and human use injuries resulting from oil spills and chronic hazardous waste contamination. He also served as the Acting Deputy Director of NOAA's Marine Debris Program and represented the Agency at the 2017 G20 meetings in Germany. Adam is a member of the American Economic Association and the Association of Environmental and Resource Economists.

Representative Projects

Ecosystem Service Valuation Studies

- **Economic Impacts of Marine Debris on Tourism-Dependent Communities—National Study (Ongoing).** For NOAA's Marine Debris Program, developed a multi-year study to combine existing recreational use data with an on-site intercept contingent behavior survey to measure regional impacts of marine debris on tourism. Coordinated OMB approval for survey administration.
- **Elwha River Dam Removal and Flood Plain Restoration Ecosystem Service Valuation Pilot Project—Olympic Peninsula, WA (2015).** For NOAA's Office of Response and Restoration, administered a stated preference survey to measure public willingness to pay for enhanced ecological restoration efforts following the removal of two obsolete dams on the Elwha River. Coordinated OMB approval for survey administration.
- **Economic Benefits of Reductions in Marine Debris—Orange County, CA (2014).** For NOAA's Marine Debris Program, combined onsite measurements of marine debris with a revealed preference survey to measure welfare changes to local recreational users from changes in marine debris on beaches.

Natural Resource Damage Assessments

- **Deepwater Horizon—Gulf of Mexico (2016).** Served as the human use Technical Working Group lead and coordinated NOAA's lost recreational use assessment on behalf of all Federal and State co-Trustees. Provided technical support for post-settlement recreational use restoration planning.

- **Enbridge Line 6B—Kalamazoo River, MI (2015).** Developed the Federal Trustee ecological scaling and lost recreational use claims for a pipeline rupture that released over 840,000 gallons of crude oil into the Kalamazoo River.
- **M/V VogeTrader—Barbers Point, HI (2014).** Worked with NOAA coral ecologists to scale restoration necessary to compensate for substantial injuries to coral habitat caused by a vessel grounding and subsequent removal activities.
- **Refugio Oil Spill—California (NRDA Ongoing).** Served as lead Federal economist for lost recreational use, subtidal injury scaling, and restoration planning for a 2015 pipeline spill in southern California.
- **Texas City Y Oil Spill—Galveston Bay, TX (NRDA Ongoing).** Lead Federal economist for the lost recreational use assessment for a 2014 vessel collision in Texas that oiled beaches from Galveston to Padre Island.

Selected Publications

- Wellman, E., A. Sutton-Grier, M. Imholt, A. Domanski. (2017). "Catching a wave? A Case Study on Incorporating Storm Protection Benefits into Habitat Equivalency Analysis." *Marine Policy*, 83 pp. 118-125.
- Tourangeau, R., E. English, K. McConnell, D. Chapman, I. Flores Cervantes, E. Horsch, N. Meade, A. Domanski, M. Welsh. (2017). "The Gulf Recreation Study: Assessing Lost Recreational Trips from the 2010 Gulf Oil Spill." *Journal of Survey Statistics and Methodology*, 5 (3) pp. 281-309.
- Horsch, E., M. Welsh, & J. Price. (2017). "Best Practices for Collecting Onsite Data to Assess Recreational Use Impacts from and Oil Spill. Domanski A., N. Meade, and J. Murray, editors. U.S. Dept. of Commerce, NOAA Technical Memorandum NOS OR&R 54. Silver Spring, MD: Assessment and Restoration Division, NOAA.
- Domanski A. (2009). Estimating Mixed Logit Recreation Demand Models with Large choice Sets, Selected Paper: Agricultural and Applied Economics Association, July 26-28 2009.

Selected Presentations

- "NOAA's Efforts to Combat Marine Debris." Panel discussion hosted by the U.S. House of Representatives Oceans Caucus 2017.
- "Non-use Valuation Theory and Methods." GOMRI 2017.
- "Deepwater Horizon Recreational Losses." Association of Environmental and Resource Economists Annual Conference, 2016.
- "Introduction to Habitat Equivalency Analysis." Texas Trustee Summit, 2016.
- "Claim Development Economics in NRDAR Cases." Louisiana Trustee Summit, 2016.
- "A Regional Evaluation of the Impact of Fish Consumption Advisories on Marine Recreational Fishing." *Camp Resources* 2015.

CITY OF BROOKINGS

COUNCIL AGENDA REPORT

Meeting Date: April 9, 2018

Originating Dept: PW/DS


Signature (submitted by)

City Manager Approval


Subject: Transportation Growth Management Grant

Recommended Motion:

1. Motion to authorize the Mayor to submit a Letter of Support for the Transportation Growth Management grant application for the Brookings Airport Industrial Park Transportation and Land Use Plan.
2. Motion to authorize staff submittal of a Transportation Growth Management grant application for funding of up to \$75,000 for the Brookings Airport Industrial Park Transportation and Land Use Plan.

Financial Impact:

\$75,000 in grant funding for the Brookings Airport Industrial Park Transportation and Land Use Plan; City to provide a 12.5 percent in-kind staffing match.

Reviewed by Finance & Human Resources Director: 

Background/Discussion:

On March 6, 2018, staff submitted a Transportation Growth Management (TGM) grant pre-application to explore possible funding opportunities to create a site development Master Plan for the 20-plus acres of industrial-zoned land adjacent to the Brookings Airport.

The Master Plan will address infrastructure, roads, and parceling of the parcel. Additionally, the Plan will consider one or more pedestrian/bike pathways leading from the center of the City to the industrial park, providing an environmentally-friendly transportation option to employees working within the industrial park. The Plan will further study potential road/intersection redesign at the intersection of Highway 101 and Parkview Drive.

Staff was contacted by a TGM Planner wishing to discuss the City's project in depth. During that conversation, the TGM Planner expressed an enthusiastic expectation of success for the grant application and gave the green light to proceed with the full application.

The application, due June 8, requires a Letter of Support from the legislative body. A draft Letter of Support is attached.

Attachment(s):

- a. Draft Letter of Support



City of Brookings

898 Elk Drive, Brookings, OR 97415
(541) 469-1104 Fax (541) 469-3650 TTY (800) 735-1232
jpieper@brookings.or.us; www.brookings.or.us

Mayor Jake Pieper

April 10, 2018

Grant Selection Committee
Transportation Growth Management Grant

Dear Committee Members:

Speaking on behalf of the Brookings City Council, I am pleased to provide this Letter of Support for submittal of the Transportation Growth Management (TGM) Grant application which seeks funding to create a Master Plan for land adjacent to the Brookings Airport, zoned for use as an industrial park.

Increasing the City's available industrial-use land is a crucial step to revitalizing our economy, which has been slow to recover after the recession and which suffered further hardship during the 200,000 acre Chetco Bar Fire in 2017.

Brookings City Council vigorously supports the inclusion of the environmentally-friendly pedestrian and bike pathways leading from the center of the city to the industrial park, which will provide a travel alternative for employees at the industrial park and enhance the City's available passive recreation opportunities.

Brookings City Council fully endorses the City of Brookings TGM Grant application and requests the TGM Grant Selection Committee give it every consideration for funding.

Thank you for the opportunity to express our support.

Sincerely,

Jake Pieper
Mayor

City of Brookings

CITY COUNCIL MEETING MINUTES

City Hall Council Chambers, 898 Elk Drive, Brookings, OR 97415

Monday, March 26, 2018

Call to Order

Mayor Pieper called the meeting to order at 7:00 PM.

Roll Call

Council present: Mayor Jake Pieper, Councilors Bill Hamilton, Brent Hodges, and Roger Thompson and Dennis Triglia present; a quorum present.

Staff present: City Manager Gary Milliman, Finance & Human Resource Director Janell Howard, Administrative Aide Rita Ritz, and City Recorder Teri Davis.

Media Present: No media present

Others Present: Three audience members.

Modification to Agenda

Councilor Hamilton moved, Councilor Thompson seconded and Council voted unanimously to add Appointment of Dave Paoli to Planning Commission as Agenda Item D1 – Committee Reports.

Honorarium

Moment of Silence

In honorarium, Mayor Pieper asked for a moment of silence for Army Corporal Dow F. Worden, MIA, a fellow Oregonian, commemorating the occasion of his burial on March 27, 2018.

Oral Requests and Communications from the audience

1. Committee Reports – Appoint Dave Paoli to Planning Commission – Mayor Pieper discussed Mr. Paoli's credentials.

Councilor Triglia moved, Councilor Hamilton seconded and Council voted unanimously to Dave Paoli to Planning Commission

2. Two audience members addressed Council:
 - a. Alan Jensen of 906 Pioneer Lane addressed Council regarding City Building Code
 - b. Connie Hunter of 1310 English Court addressed Council regarding Affordable Housing

Staff Reports

Chamber of Commerce Map Advertisement

City Recorder Davis presented the staff report.

Councilor Thompson moved, Councilor Triglia seconded and Council voted unanimously to allocate \$995 in TOT funding to advertise in the Chamber of Commerce Map.

Support Letter of Salmon Ocean Fishing

City Manager Milliman presented the staff report.

Councilor Thompson moved, Councilor Triglia seconded and Council voted unanimously to authorize the Mayor to execute a letter to the Pacific Fisheries Management Council supporting ocean salmon fishing season Alternative 1 for 2018.

Chetco Bar Fire Grant Agreement

City Recorder Davis presented the staff report.

Councilor Triglia moved, Councilor Hamilton seconded and Council voted unanimously to authorize the City Manager to execute the Chetco Bar Fire Economic Impact Analysis and Recovery Plan Grant Contract with Oregon Department of Land Conservation and Development (DLCD).

Wild Rivers Mushroom Festival

City Recorder Davis presented the staff report.

Councilor Hamilton inquired about the timing of the request and whether the funds would come out of current fiscal year or next fiscal year TOT budget.

Councilor Hodges moved, Councilor Triglia seconded and Council voted unanimously to allocate \$2,000 in TOT funds to the Wild Rivers Mushroom Fest event.

Waiver of Fees for Azalea Festival and Parade

City Recorder Davis presented the staff report.

Council discussed the specifics of the plan and the hard work going into the planning.

Councilor Hodges moved, Councilor Triglia seconded and Council voted unanimously to waive fees for the use of Azalea Park and the Central Building parking lot during the Azalea Festival and Parade weekend event.

Waiver of Fees for Elmo Williams Day

City Recorder Davis presented the staff report.

Councilor Triglia moved, Councilor Hamilton seconded and Council voted unanimously to waive fees for the use of the Capella for the Elmo Williams Day event.

Consent Calendar

1. Approve Council minutes for March 12, 2018
2. Accept TPAC minutes for February 8, 2018
3. Approve Walloferns Liquor License
4. Reschedule May 28 Council Meeting to May 29, 2018
5. Receive monthly financial report for February 2018

Councilor Triglia moved, Councilor Hamilton seconded and Council voted unanimously to approve the Consent Calendar.

Remarks from Mayor and Councilors

Councilor Thompson thanked Council for its support of the Salmon season.

Councilor Hamilton commended the volunteers working on the Azalea Festival weekend events.

Adjournment

Councilor Hodges moved, Councilor Hamilton seconded, and Mayor Pieper adjourned the meeting at 7:44 p.m.

Respectfully submitted:

ATTESTED:
this _____ day of _____ 2018:

Jake Pieper, Mayor

Teri Davis, City Recorder

MINUTES
BROOKINGS PARKS AND RECREATION COMMISSION
January 25, 2018

CALL TO ORDER

Chair Tom Bozack called the meeting to order at 7:00 pm followed by the Pledge of Allegiance.

ROLL CALL

Present: Commissioners Patt Brown, Holly Beyer, Jay Trost, Trace Kather, and Chair Tom Bozack.

Also present: Parks/Tech Services Supervisor Tony Baron

APPROVAL OF MINUTES

Motion made by Commissioner Kather to approve the minutes of October 26, 2017; motion seconded by Commissioner Trost and Commission voted; the motion carried unanimously.

PUBLIC APPEARANCES – None

REGULAR AGENDA

- A. Take One – Leave One Rock Garden – Oasis Park** – Tony Baron presented PARC, Naquita Scott presented the Commission with rocks and explained the Rock Garden program. **Motion made by Commissioner Beyer to approve the Take One - Leave One Rock Garden in Oasis Park; motion seconded by Commissioner Brown and Commission voted; the motion carried unanimously.**
- B. Azalea Park Foundation Board** – Tony Baron presented PARC appointing Commissioner Beyer to the Azalea Park Foundation Board. **Motion made by Commissioner Trost to appoint Commissioner Beyer as the Parks and Recreation Liaison to the Azalea Park Foundation; motion seconded by Commissioner Brown and Commission voted; the motion carried unanimously.**
- C. Parks & Recreation Commission Meeting Schedule** – Tony Baron presented PARC. Currently the Commission meets every other month and if necessary is able call special meetings. Commission discussed meeting needs and felt they were adequate. No action taken.

INFORMATION UPDATES/DISCUSSION ITEMS

- A. Monarch Garden** – Commissioner Beyer wondered if a Monarch Butterfly Garden could be established in the garden area next to the Capella in Azalea Park. Tony recommended the Monarch Butterfly group submit a request to the Parks and Rec Commission with details for consideration. Jay Trost suggested the group might also be interested in the wooded area north of the old Harris Beach rest area that is owned by Oregon State Parks for a butterfly pavilion.
- B. Park Master Plan Update – Schedule Public Workshops** – scheduling a series of workshops with organizations and the public to discuss park conditions and future Capital Improvement Projects to begin the process of updating of the Parks Master Plan. First workshop scheduled for February 22nd at 4 pm in the EOC. Press releases to invite public will be made.


COMMISSIONER REPORTS/COMMENTS

Tony to check into possibility of Azalea City signs.

ADJOURNMENT

Next meeting scheduled for March 22, 2018. With no further business, meeting adjourned at 7:49 pm.

Respectfully submitted,



Tom Bozack, Chair

(Approved at March 22, 2018 meeting)

Report Criteria:

Report type: Summary

GL Period	Check Issue Date	Check Number	Vendor Number	Payee	Check GL Account	Amount
03/18	03/07/2018	80919	5257	Mill Casino, The	10-00-2005	93.00- V
03/18	03/18/2018	80936	2149	American Backflow Prev Assoc	20-00-2005	85.00- V
03/18	03/01/2018	80963	4939	BI- Mart Corporation	10-00-2005	419.75
03/18	03/01/2018	80964	4363	Black & Rice LLP	10-00-2005	4,804.77
03/18	03/01/2018	80965	313	Brookings Vol Firefighters	10-00-2005	2,250.00
03/18	03/01/2018	80966	715	Budge McHugh Supply	15-00-2005	7,711.52
03/18	03/01/2018	80967	5567	CAL/OR Insurance Specialists Inc	30-00-2005	683.33
03/18	03/01/2018	80968	5070	Canon Solutions America	49-00-2005	17,077.00
03/18	03/01/2018	80969	5827	Coastal Investments LLC	10-00-2005	1,130.00
03/18	03/01/2018	80970	1745	Coastal Paper & Supply, Inc	25-00-2005	369.05
03/18	03/01/2018	80971	182	Coos-Curry Electric	10-00-2005	29,783.85
03/18	03/01/2018	80972	1674	Correct Equipment Inc	25-00-2005	865.28
03/18	03/01/2018	80973	5825	David Evans and Associates Inc	58-00-2005	450.19
03/18	03/01/2018	80974	4876	D'sineZ	10-00-2005	657.50
03/18	03/01/2018	80975	749	Emerald Pool & Patio	10-00-2005	1,943.00
03/18	03/01/2018	80976	5432	First Community Credit Union	25-00-2005	812.99
03/18	03/01/2018	80977	298	Freeman Rock, Inc	15-00-2005	1,064.26
03/18	03/01/2018	80978	199	Richard Harper	10-00-2005	400.00
03/18	03/01/2018	80979	4760	Industrial Electric Arcata, Inc.	25-00-2005	1,051.96
03/18	03/01/2018	80980	4171	In-Motion Graphics	10-00-2005	100.00
03/18	03/01/2018	80981	328	Les Schwab Tire Center	10-00-2005	495.34
03/18	03/01/2018	80982	4981	McLennan Excavation, Inc	20-00-2005	735.58
03/18	03/01/2018	80983	4269	Milliman, Gary	10-00-2005	67.50
03/18	03/01/2018	80984	4748	Northstar Chemical, Inc	20-00-2005	7,266.40
03/18	03/01/2018	80985	1920	Pitney Bowes, Inc.	10-00-2005	72.67
03/18	03/01/2018	80986	322	Postmaster	25-00-2005	850.00
03/18	03/01/2018	80987	378	Quality Control Services	25-00-2005	130.50
03/18	03/01/2018	80988	207	Quill Corporation	10-00-2005	460.18
03/18	03/01/2018	80989	1840	Rogue Credit Union	50-00-2005	2,497.61
03/18	03/01/2018	80990	990	UPS	20-00-2005	48.32
03/18	03/01/2018	80991	432	USA Bluebook	25-00-2005	140.75
03/18	03/08/2018	80992	4939	BI- Mart Corporation	25-00-2005	120.52
03/18	03/08/2018	80993	5070	Canon Solutions America	10-00-2005	94.09
03/18	03/08/2018	80994	193	Central Equipment Co, Inc	58-00-2005	4,000.00
03/18	03/08/2018	80995	3015	Charter Communications	30-00-2005	495.00
03/18	03/08/2018	80996	5822	Chaves Consulting Inc	49-00-2005	370.20
03/18	03/08/2018	80997	4533	Fun'd the Fourth	32-00-2005	1,000.00
03/18	03/08/2018	80998	3834	Clean Sweep Janitorial Service	20-00-2005	1,650.00
03/18	03/08/2018	80999	173	Curry Equipment	10-00-2005	18.69
03/18	03/08/2018	81000	166	Dan's Auto & Marine Electric	10-00-2005	173.98
03/18	03/08/2018	81001	259	Da-Tone Rock Products	50-00-2005	2,135.25
03/18	03/08/2018	81002	1	Joshua Harper	20-00-2005	107.32
03/18	03/08/2018	81003	1	Darrell Hood	20-00-2005	113.39
03/18	03/08/2018	81004	1	Michael Moran	20-00-2005	92.52
03/18	03/08/2018	81005	1	Chris Nunn	20-00-2005	121.94
03/18	03/08/2018	81006	5718	Don Kirk Construction Inc	10-00-2005	150.00
03/18	03/08/2018	81007	3342	Fastenal	20-00-2005	212.08
03/18	03/08/2018	81008	2186	Ferguson Enterprises Inc #3011	20-00-2005	1,795.23
03/18	03/08/2018	81009	4646	Frontier	10-00-2005	758.63
03/18	03/08/2018	81010	4989	Gaylord Klinefelter Contracting Inc	15-00-2005	12,620.00
03/18	03/08/2018	81011	5065	Gold Beach Lumber	50-00-2005	2,030.57
03/18	03/08/2018	81012	1856	Helmets R US	61-00-2005	467.00
03/18	03/08/2018	81013	4760	Industrial Electric Arcata, Inc.	10-00-2005	747.02

GL Period	Check Issue Date	Check Number	Vendor Number	Payee	Check GL Account	Amount
03/18	03/08/2018	81014	2216	John D Rapraeger Inc	25-00-2005	21,000.00
03/18	03/08/2018	81015	162	Kerr Hardware	10-00-2005	1,565.16
03/18	03/08/2018	81016	4324	OGFOA	10-00-2005	335.00
03/18	03/08/2018	81017	252	Paramount Pest Control	10-00-2005	50.00
03/18	03/08/2018	81018	4	Andre' Spaulding	10-00-2005	214.00
03/18	03/08/2018	81019	5101	Pitney Bowes Reserve Acct	10-00-2005	500.00
03/18	03/08/2018	81020	207	Quill Corporation	10-00-2005	99.21
03/18	03/08/2018	81021	3309	Roberts & Associates	25-00-2005	260.00
03/18	03/08/2018	81022	2863	Verizon Wireless	10-00-2005	559.77
03/18	03/08/2018	81023	861	Village Express Mail Center	25-00-2005	48.21
03/18	03/08/2018	81024	2122	Cardmember Service	10-00-2005	6,257.72
03/18	03/08/2018	81025	169	Waste Connections Inc	25-00-2005	1,420.84
03/18	03/08/2018	81026	4135	Jim Watson	10-00-2005	52.00
03/18	03/08/2018	81027	151	Western Communications, Inc.	32-00-2005	859.81
03/18	03/08/2018	81028	5468	WL Construction Supply Inc	10-00-2005	429.85
03/18	03/08/2018	81029	4220	Woof's Dog Bakery	61-00-2005	101.99
03/18	03/08/2018	81030	4131	Zumar Industries Inc	15-00-2005	278.51
03/18	03/15/2018	81031	4734	Aramark	25-00-2005	556.68
03/18	03/15/2018	81032	4734	Aramark Uniform Services	10-00-2005	120.00
03/18	03/15/2018	81033	3034	BAVCO Apparatus & Valve Co	20-00-2005	139.00
03/18	03/15/2018	81034	4363	Black & Rice LLP	10-00-2005	2,461.57
03/18	03/15/2018	81035	5108	Brad Kelly, PT	10-00-2005	270.00
03/18	03/15/2018	81036	5225	BuzzBuilt Mobile Auto Repair	10-00-2005	564.00
03/18	03/15/2018	81037	193	Central Equipment Co, Inc	10-00-2005	26.72
03/18	03/15/2018	81038	3015	Charter Communications	10-00-2005	224.96
03/18	03/15/2018	81039	3834	Clean Sweep Janitorial Service	25-00-2005	225.00
03/18	03/15/2018	81040	183	Colvin Oil Company	25-00-2005	2,902.48
03/18	03/15/2018	81041	4746	Curry County Treasurer	10-00-2005	506.00
03/18	03/15/2018	81042	317	DCBS - Fiscal Services	10-00-2005	213.48
03/18	03/15/2018	81043	185	Del Cur Supply	50-00-2005	88.95
03/18	03/15/2018	81044	3342	Fastenal	25-00-2005	65.50
03/18	03/15/2018	81045	5235	Ferguson Enterprises Inc #3007	20-00-2005	302.79
03/18	03/15/2018	81046	153	Ferrellgas	25-00-2005	495.10
03/18	03/15/2018	81047	4646	Frontier	30-00-2005	114.60
03/18	03/15/2018	81048	5708	GSS Inc	25-00-2005	89.00
03/18	03/15/2018	81049	139	Harbor Logging Supply	20-00-2005	860.65
03/18	03/15/2018	81050	4980	iSecure	10-00-2005	33.00
03/18	03/15/2018	81051	5632	Konecranes Inc	25-00-2005	2,320.00
03/18	03/15/2018	81052	5853	Carolyn Milliman	32-00-2005	1,000.00
03/18	03/15/2018	81053	424	Munnell & Sherrill	25-00-2005	178.92
03/18	03/15/2018	81054	685	Neilson Research Corporation	25-00-2005	145.80
03/18	03/15/2018	81055	4487	Net Assets Corporation	10-00-2005	270.00
03/18	03/15/2018	81056	4793	Nor-Pac Power Systems LLC	20-00-2005	7,423.63
03/18	03/15/2018	81057	3159	NorthCoast Health Screening	10-00-2005	180.00
03/18	03/15/2018	81058	3935	Northern California Glove	25-00-2005	287.92
03/18	03/15/2018	81059	5008	Online Information Services	10-00-2005	116.06
03/18	03/15/2018	81060	5155	Oregon Department of Revenue	10-00-2005	1,749.79
03/18	03/15/2018	81061	699	Oregon Dept of Transportation	55-00-2005	107,846.15
03/18	03/15/2018	81062	4	JoAnn VanDerschaaf	10-00-2005	214.00
03/18	03/15/2018	81063	5852	Sherwin-Williams Co, The	20-00-2005	232.00
03/18	03/15/2018	81064	5195	Sonsray Machinery LLC	15-00-2005	171.29
03/18	03/15/2018	81065	5730	Spectrum Reach	32-00-2005	1,000.00
03/18	03/15/2018	81066	169	Waste Connections Inc	25-00-2005	2,590.54
03/18	03/22/2018	81067	5527	Big State Industrial Supply Inc	25-00-2005	656.28
03/18	03/22/2018	81068	5070	Canon Solutions America	10-00-2005	299.12
03/18	03/22/2018	81069	4928	CIS Trust	10-00-2005	32,731.61

GL Period	Check Issue Date	Check Number	Vendor Number	Payee	Check GL Account	Amount
03/18	03/22/2018	81070	1740	Code Publishing Company Inc	10-00-2005	963.90
03/18	03/22/2018	81071	183	Colvin Oil Company	10-00-2005	2,203.95
03/18	03/22/2018	81072	2384	Curry County Road Dept	20-00-2005	1,320.81
03/18	03/22/2018	81073	5825	David Evans and Associates Inc	58-00-2005	10,991.90
03/18	03/22/2018	81074	2640	Dyer Partnership Inc., The	52-00-2005	18,876.25
03/18	03/22/2018	81075	3342	Fastenal	15-00-2005	23.70
03/18	03/22/2018	81076	2186	Ferguson Enterprises Inc #3011	15-00-2005	15,223.73
03/18	03/22/2018	81077	4646	Frontier	10-00-2005	914.90
03/18	03/22/2018	81078	4989	Gaylord Klinefelter Contracting Inc	15-00-2005	1,500.00
03/18	03/22/2018	81079	198	Grants Pass Water Lab	20-00-2005	336.00
03/18	03/22/2018	81080	4128	GSI Water Solutions Inc	52-00-2005	21,881.82
03/18	03/22/2018	81081	167	Hach Company	25-00-2005	166.12
03/18	03/22/2018	81082	4357	Hemlock Street Properties LLC	10-00-2005	525.00
03/18	03/22/2018	81083	1431	Lea Construction Inc	50-00-2005	470.00
03/18	03/22/2018	81084	329	New Hope Plumbing	50-00-2005	405.00
03/18	03/22/2018	81085	4793	Nor-Pac Power Systems LLC	25-00-2005	3,955.55
03/18	03/22/2018	81086	4748	Northstar Chemical, Inc	20-00-2005	3,516.00
03/18	03/22/2018	81087	5230	Oregon Legislative Counsel	10-00-2005	90.00
03/18	03/22/2018	81088	5854	Pacific Ocean Properties	10-00-2005	21.60
03/18	03/22/2018	81089	322	Postmaster	15-00-2005	1,219.00
03/18	03/22/2018	81090	207	Quill Corporation	10-00-2005	702.09
03/18	03/22/2018	81091	3	Premier Property Management	20-00-2005	59.64
03/18	03/22/2018	81092	3063	Tim Rettke	25-00-2005	78.00
03/18	03/22/2018	81093	5638	Guy Smith	25-00-2005	78.00
03/18	03/22/2018	81094	380	Stadelman Electric Inc	20-00-2005	137.00
03/18	03/22/2018	81095	954	Super 8 Motel - Roseburg	25-00-2005	158.10
03/18	03/22/2018	81096	954	Super 8 Motel - Roseburg	25-00-2005	79.05
03/18	03/22/2018	81097	301	Woudstra Concrete Finishing	50-00-2005	1,174.00
03/18	03/29/2018	81098	3034	BAVCO Apparatus & Valve Co	20-00-2005	191.25
03/18	03/29/2018	81099	5048	Brookings Harbor Medical Center	10-00-2005	765.00
03/18	03/29/2018	81100	182	Coos-Curry Electric	10-00-2005	27,824.09
03/18	03/29/2018	81101	317	DCBS - Fiscal Services	10-00-2005	125.00
03/18	03/29/2018	81102	1	John McCarthy	20-00-2005	99.70
03/18	03/29/2018	81103	1	Cindy Smith	20-00-2005	85.31
03/18	03/29/2018	81104	5855	Dew Engineering Inc	52-00-2005	1,200.00
03/18	03/29/2018	81105	4642	ESRI	25-00-2005	2,500.00
03/18	03/29/2018	81106	5125	Jordan Fanning LLC	25-00-2005	2,500.00
03/18	03/29/2018	81107	529	Flora Pacifica Inc	15-00-2005	2,244.00
03/18	03/29/2018	81108	298	Freeman Rock, Inc	50-00-2005	3,281.70
03/18	03/29/2018	81109	1346	Gall's Graphics	61-00-2005	840.00
03/18	03/29/2018	81110	5632	Konecranes Inc	20-00-2005	2,387.56
03/18	03/29/2018	81111	4991	MCI a Verizon Company	20-00-2005	4.72
03/18	03/29/2018	81112	4793	Nor-Pac Power Systems LLC	25-00-2005	5,258.00
03/18	03/29/2018	81113	4479	Oregon Society of CPA's	10-00-2005	305.00
03/18	03/29/2018	81114	4	Chris Reid	10-00-2005	214.00
03/18	03/29/2018	81115	207	Quill Corporation	10-00-2005	59.69
03/18	03/29/2018	81116	5059	Reddaway INC	15-00-2005	33.30
03/18	03/29/2018	81117	5448	Stover Engineering	50-00-2005	1,262.10
03/18	03/29/2018	81118	980	UPS	20-00-2005	11.64
Grand Totals:						455,402.36

Committee Vacancies

Date: April 9, 2018

Re: Vacant Volunteer Positions

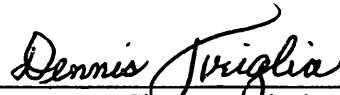
Following is a list of all Commission/Committee positions and terms currently vacant:

Position	Held By	Month/ Day	Year Expires	Term/ Years
Budget #1	VACANT	2/1	2021	3
Budget #2	VACANT	2/1	2019	3

CITY OF BROOKINGS

COUNCIL AGENDA REPORT

Meeting Date: April 9, 2018



Signature (submitted by)

Originating Dept: Councilor Triglia

City Manager Approval

Subject: Earth Day Proclamation

Recommended Motion:

Motion to authorize Mayor Pieper to sign the City of Brookings 2018 Earth Day Proclamation.

Financial Impact: none

Background/Discussion:

Earth Day is observed annually to promote awareness of Earth's life-sustaining ecosystem and the importance of preserving its integrity, through education and wise stewardship. The universality and enormity of the plastic pollution problem prompted Earth Day Network to make "End Plastic Pollution" the theme for this year's Earth Day (April 22nd). This campaign highlights the need for individuals and institutions to take responsibility in order to change attitudes and behavior about plastics and to spark a significant reduction in plastic pollution. Plastic pollution is having negative health, environmental, and economic impacts on every community around the world, from clogging waterways to harming wildlife to contaminating our drinking water.

Plastics are all around us and a part of our everyday life. But single-use plastics, which we use for a few minutes and then discard, have created a major pollution problem – our ocean is filling up with plastic trash, choking fish and marine life and even entering the human food chain. The solution is to move away from this "throwaway" culture, reuse our everyday products like bags, mugs and straws. Let's all do our part to keep our water clean and our beaches healthy.

Attachment: Proposed 2018 Earth Day Proclamation

City of Brookings *Proclamation*

WHEREAS, Earth Day is observed annually to promote awareness of Earth's life-sustaining ecosystem and the importance of preserving its integrity, through education and wise stewardship; and

WHEREAS, plastic waste can be found everywhere, land and sea, even in the most remote places on the planet, affecting both humans and animals; and

WHEREAS, humankind is currently facing tremendous global challenges, among them the need to manage an increased amount of waste to which plastics will contribute roughly 12,000 million metric tons by 2050; and

WHEREAS, approximately only 10% of plastic waste is recycled; and

WHEREAS, all people of this Earth have a right to a healthy environment, and plastic pollution has been associated with several health issues affecting the general population; and

WHEREAS, it is more important than ever to cooperate to find solutions for the plastic waste that is concentrating in several enormous patches in the ocean and that threatens the human food chain; and

WHEREAS, ending plastic pollution is crucial to the survival of this planet and its inhabitants; and

NOW, THEREFORE BE IT RESOLVED, that I, Jake Pieper, Mayor of the City of Brookings, do hereby proclaim

Earth Day in Brookings

BE IT FURTHER RESOLVED, that all citizens, businesses and institutions are encouraged to use EARTH DAY to celebrate the Earth and promote the well-being of the inhabitants of Brookings and the protection of their environment.

In Witness Whereof, I, Mayor Jake Pieper, do hereto set my hand and cause the official seal of the City of Brookings, Oregon, to be affixed this 9th day of April, 2018.



Mayor Jake Pieper

