

**CITY OF EDMONDS  
REQUEST FOR QUALIFICATIONS  
SUPPLEMENTAL INFORMATION  
EDMONDS MARSH ESTUARY PLANNING STUDY**

The City of Edmonds, Washington is soliciting a statement of qualification (SOQ) from individuals or firms interested in *consultant* services for the *Edmonds Marsh Estuary Planning Study*.

**BACKGROUND**

*This project is intended to collect and evaluate existing data, develop a planning process, assess the impact of contaminated soil exposure, and update hydrologic and hydraulic models to assess the effect of restoration on flood levels in the marsh, estuary, and developed portions of the City of Edmonds. This project will support the planning process for the restoration of the Edmonds Marsh, adding rare estuary and juvenile salmon habitat to Puget Sound and reducing flood risks to the city.*

This is a federally funded project. The project is funded by a *National Fish and Wildlife Foundation* and *NOAA* grant.

**PROJECT SCOPE AND SCHEDULE**

**A. Methods and Activities:**

There are four project activities:

1. hydrologic and hydraulic modeling to determine the impact of restoration alternatives on City flooding
2. the analysis of the potential impacts of site contamination on restoration actions
3. development of a planning process that supports community involvement in restoration design
4. public outreach and engagement

This project involves three separate land parcels, the watershed of the Edmonds Marsh, and flood prone areas of the City of Edmonds. Marina Beach Park is owned by the City of Edmonds and would be where a surface water channel would connect Puget Sound and the Marsh. Existing bridges will pass flow under a railroad to the park channel. The 21-acre Unocal parcel is located between the existing Edmonds Marsh, the third parcel, and Marina Beach Park. The 22-acre Edmonds Marsh is a wildlife sanctuary and is part of the Edmonds parks system.

**Hydrologic and Hydraulic Modeling Work Element:** Budget ratio: 50%

1. Meet with City staff to refine the scope of work.
2. Meet with Public Works staff to collect existing information:
  - a. Previous hydrologic and hydraulic models
  - b. Topographic data for Marsh and Marina Beach Park
  - c. Existing conditions of stream and stormwater sources to and under the Marsh
3. Evaluate Existing conditions.
  - a. Determine maximum (historic marsh area) excavation area of the Unocal site and estuary channel to Puget Sound through the existing railroad bridge.
  - b. Identify stream and stormwater sources.
    - i. Existing stream and stormwater sources
    - ii. Opportunities to daylight all surface water and stormwater connections to the marsh
    - iii. Opportunities to create overflow connections to existing outflow pipes from the marsh to Puget Sound. Determine ability of overflow connections to help alleviate flooding adjacent to the marsh.
4. Identify estuary design alternatives for modeling purposes.
  - a. Develop two alternatives for less than maximum excavation of the Unocal site
    - i. Excavation of a channel at the west end of the Unocal site

- ii. Maximum excavation of the Unocal site but retaining islands around most contaminated portions of the site.
    - iii. Prepare cross-section of topography for proposed alternatives
  - b. Develop alternatives in consideration of sea level rise
    - i. Select time scales to be evaluated
    - ii. Select emission scenarios to be evaluated.
  - c. Identify alternatives (e.g., berms, tide gates, flood wall) to prevent overflow from the marsh to the Dayton Avenue basin during storm and high-water conditions.
- 5. Hydrologic and Hydraulic Analysis
  - a. Hydrologic Model
    - i. Evaluate the [Ecology WHMM](#) model for suitability for modeling hydrologic inflows to the marsh.
    - ii. Review previous hydrologic modeling for the sources of inflow to the marsh.
    - iii. Prepare and run a new hydrologic model if necessary.
  - b. Hydraulic Model
    - i. Review previous hydraulic models for the marsh.
    - ii. Select appropriate hydraulic model.
    - iii. Prepare and run hydraulic model for existing conditions and all proposed estuary alternatives
  - c. Evaluate and summarize results of existing conditions and alternatives modeling to answer the following questions.
    - i. What will water levels be in and around the marsh during king tides associated with major storm events. How will water levels change for these conditions with sea level rise?
    - ii. How will the alternatives affect flooding levels in surrounding areas?
    - iii. What is the range in water levels due to inflow and Puget Sound levels?
    - iv. What will be the range of flow velocity through the marsh and out to Puget Sound and how will flow conditions affect Channel erosion potential and accessibility for juvenile salmon?
- 6. Prepare preliminary draft, draft and final Alternatives Evaluation report documenting existing conditions, hydrologic and hydraulic modeling and alternatives development and performance.

Deliverables:

- Background data.
- Hydrologic model
- Hydraulic model
- Preliminary draft, draft and final Alternatives Evaluation Report

**Contamination Impact Analysis Work Element:** Budget ratio: 30%

1. Review and summarize existing Washington State Department of Ecology (Ecology) and Unocal clean-up documents. These documents describe the clean-up process and the existing state of contamination.
2. Review and summarize Ecology and Washington Administrative Code (WAC) cleanup regulations and guidance documents as they relate to allowable site restoration actions. Identify risks from contamination to future landowners and actions to reduce or eliminate the risk. (This task will be completed by an attorney specializing in MTCA.)
3. Using the existing documentation, identify likely areas of where contaminated soil and groundwater remain and the concentrations of contaminants remaining.
4. Evaluate and summarize disposal and treatment options for contaminated soil and water that may be generated during restoration actions.
5. Estimate if contaminated soil contact with surface water could violate water quality standards or otherwise have a detrimental environmental effect.
6. Evaluate potential human health impacts from exposing contaminated soils.
7. Identify measures (e.g., excavation, cap and fill, dual phase extraction systems, Phyto remediation etc.) that can be taken to mitigate potential impacts.
8. Prepare preliminary draft, draft and final report.

**Planning Work Element:** Budget ratio: 20%

1. Locate existing Edmonds Marsh restoration data. Past project studies, Washington State Department of Ecology clean-up reports, and citizen water quality studies are among the sources of information. Create a single document with hyperlinks that allows broad access to this data.
2. Identify gaps in the existing data set that are relevant to restoration planning and propose additional data collection steps.
3. Identify similar estuary restoration projects on contaminated sites. Draft short summaries of those projects and include hyperlinks to their full descriptions.
4. List restoration permit requirements and estimated timelines for permitting.
5. List potential funding sources for land acquisition, design and construction.
6. Outline a community engagement process that leads toward the selection of a preferred restoration alternative.
7. Describe a restoration plan scoping process. Include a proposed timeline and a public engagement process for pre-design, land acquisition, and final design steps. Include a discussion about how this project would fit into a comprehensive watershed restoration plan that includes managing stormwater flows, protecting marsh/estuary water quality and vegetation, and restores habitat in watershed creeks.
8. Write a restoration planning process pre-draft, draft, and final report.

**Public Outreach and Engagement**

The draft grant application was prepared by volunteers with the Edmonds Marsh Estuary Advocates (EMEA). <https://www.edmondsmarshestuary.org/>. Volunteers from EMEA will be assisting with portions of the project.

1. Plan, advertise and conduct two public open-houses; one to explain the project and one to present and explain the findings.
2. Provide status reports to local news media.

**B. Implementation Timeline and Milestones:**

The 3 draft work element reports will be completed and ready for review by December 30, 2024. Final reports and project completion will be April 30, 2025.

**Critical Timeline:** To allow the local community to provide their input into the future of a restored Edmonds Marsh before the Washington Department of Transportation (WSDOT) takes ownership of the Unocal parcel, the work described in this proposal needs to be completed in this funding cycle. The next NCRF Phase, 2. Preliminary Design, would involve the process of the public selection of a preferred restoration alternative. That phase would begin in early 2025 and be completed by early 2026. This fits with the timing of completion of the Unocal clean-up actions and transfer of ownership, which is also scheduled for early 2026.

**C. Monitoring Project Impact:**

The resilience metric for the hydraulic modeling work element will be the change in predicted flood elevations that result from alternative restoration designs. The ecological metric for the contamination impact work element is the impact to water quality and human health that result from restoration construction.

Important ecological metrics for the Edmonds Marsh restoration project are acres of existing wetland habitat opened to Puget Sound and acres of new saltwater estuary created. Future phases of project development will address those metrics. This work is high priority in several regional plans for Puget Sound and salmon recovery efforts.

Volunteers have funded long-term monitoring of bird use in the marsh throughout the seasons following science-based protocols. This work will continue and document avian use as the restoration progresses.

#### **D. Project Team & Partners:**

The City of Edmonds will manage the project:

Project Manager: Oscar Antillon, PE, Director of Edmonds Public Works and Utilities. Public Works director of several cities since 2012 where he has managed multiple hydraulic modeling projects.

Project Engineer: Russell Lynch, Capital Projects Manager, Edmonds Public Works.

Public outreach and engagement Leader: Angie Feser, ASLA, LEED AP. Director of Edmonds Parks, Recreation & Cultural Services. Registered Landscape Architect with 12 years' experience directing northwest city parks departments, has managed multiple large projects that involve relevant community engagement processes.

**Project Partners:** The City will partner with the Port of Edmonds, the Washington State Department of Transportation, and the Tulalip Tribes. Other stakeholders include the Suquamish Tribe, Snohomish County, the Snohomish Conservation District, Mid-Sound Fisheries enhancement Group, and Sound Salmon Solutions, Pilchuck Audubon Society, Lake Washington/Cedar/Sammamish Watershed (WRIA 8) Salmon Recovery Council, Washington Department of Ecology, and the Washington Department of Fish and Wildlife. These stakeholders will be consulted as needed to complete the work elements.

**Volunteers:** Significant amounts of work will be done on the project by the EMEA members of this team. For the Planning Work Element, they will perform 90% of the work on tasks 1, 3 and 5 and 30% on 2 and 4. For the Contamination Impact Analysis work element they will perform 80% of the work on task 1 and 10% on tasks 2-8.

#### **SUBMITTAL**

The City will accept one electronic copy of the Statement of Qualifications (SOQ) by e-mail. Electronic SOQ's shall be scanned in a (pdf) format and shall be e-mailed to Russell Lynch at [russell.lynch@edmondswa.gov](mailto:russell.lynch@edmondswa.gov), no later than 4:00 PM on **Tuesday, May 7, 2024**. The size of the e-mail with the SOQ attachment shall not be larger than 10 MB (Megabytes). A confirmation email will be sent by the City upon receipt of the SOQ.

Statements of Qualifications shall be limited to single space, typewritten pages, (minimum 12 point font) and shall be no more than **25 pages (including resumes)** and bound in a single volume. A page is defined as one side of an 8 ½ by 11 inch page. A cover page with basic identifying information such as the name of the firm and project may be included and will not count against the page total. The following format and content shall be adhered to by each firm and presented in the following order:

#### **SOQ Evaluation Components/Criteria**

- A. *Executive Summary: An executive summary letter should include the key elements of the respondent's SOQ and an overview of the consultant team and project manager. Indicate the address and telephone number of the respondent's office located nearest to Edmonds, Washington, and the office from which the project will be managed.*
- B. *Approach: The approach should include your firm's work plan for this project, the responsibility of each team member, an estimate of how much time each employee will spend on the project and how the plan will be cost effective for the City.*
- C. *Qualifications of Proposed Project Manager: Provide the qualifications and experience of proposed Project Manager and provide up to three examples of prior experience on similar projects. Include the name of the project(s), owner(s), dates of the project(s), and list*

*responsibilities and tasks. Demonstrate familiarity with relevant state and federal regulations and/or procedures.*

- D. *Qualifications & Experience of Proposed Project Team: Provide the qualifications and experience of key personnel and provide up to three examples of prior experience on similar projects. Include the name of the project(s), owner(s), dates of the project(s), and roles/responsibilities of key personnel on those project(s). Demonstrate familiarity with relevant state and federal regulations and/or procedures.*
- E. *References/Past Performance: Provide reference information for a minimum of three (3) with a maximum of five (5) similar projects in the last five (5) years. References shall include the project name, dates of service on projects, dollar amount your firm received on projects, contact name and contact phone number.*

The City's Evaluation Team will use the following criteria to evaluate each SOQ:

<b><u>Criteria</u></b>	<b><u>Points</u></b>
Project Approach	0-30
Qualifications / Experience of Project Manager	0-30
Qualifications / Experience of Project Team	0-30
References / Past Performance	<u>0-10</u>
<b>Maximum Points</b>	<b>100</b>

The SOQ will be the basis from which interested firms will be selected. At the City's option, following the City staff evaluation of the SOQs received, selected firms may be invited to make oral presentations before the City's Evaluation Panel. The City's representative will provide additional details outlining the preferred content of the presentation to each firm or team of firms that are invited to participate. Upon completion of the evaluation, the City's Evaluation Panel will determine the most qualified firm based on all materials and information presented.

Any firm failing to submit information in accordance with the procedures set forth in the RFQ may be subject to disqualification. The City reserves the right to change the qualifications schedule or issue amendments to the RFQ at any time. The City reserves the right, at its sole discretion, to waive immaterial irregularities contained in the SOQs. The City reserves the right to reject any and all SOQs at any time, without penalty. The City reserves the right to refrain from contracting with any respondent. Firms eliminated from further consideration will be notified by mail by the City as soon as practical.

The Recipient, in accordance with the provisions of Title VI of the Civil Rights Act of 1964 (78 Stat. 252,42 U.S.C. 2000d to 2000d-4) and the Regulations, hereby notifies all bidders that it will affirmatively ensure that in any contract entered into pursuant to this advertisement, disadvantaged business enterprises will be afforded full and fair opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, or national origin in consideration for an award.

For information about this project in another language, you may request, free of charge, language assistance services by contacting Russell Lynch at [russell.lynych@edmondswa.gov](mailto:russell.lynych@edmondswa.gov)

Si desea obtener información sobre este proyecto en otro idioma, puede solicitar servicios gratuitos de asistencia lingüística poniéndose en contacto con Russell Lynch por correo electrónico a [russell.lynych@edmondswa.gov](mailto:russell.lynych@edmondswa.gov)

Muốn biết thông tin về dự án này bằng một ngôn ngữ khác, bạn có thể yêu cầu trợ giúp miễn phí qua dịch vụ ngôn ngữ tại điện thoại số 425-771-0220, hoặc gửi điện thư email cho ban dịch vụ. [russell.lynych@edmondswa.gov](mailto:russell.lynych@edmondswa.gov)