European Green Crab Emergency Measure
Funding Solicitation

Posted: 7/1/2022
Applications Due: Rolling deadline until funding is fully obligated
Funding Availability: $1,100,000
Minimum Award: $20,000.00
Maximum Award: No maximum award.¹
Matching Funds: Not required
Performance Period: July 1, 2022 to June 30, 2023
Funding Instrument: Interagency Agreement

Background
European green crab (Carcinus maenas) is a level 1 prohibited aquatic invasive species in the State of Washington. European green crabs are a globally damaging invasive species that pose a threat to Washington's economic, environmental, and cultural resources. Potential impacts include destruction of eelgrass beds and estuarine marsh habitats, threats to the harvest of wild shellfish and the shellfish aquaculture industry, the Dungeness crab fishery, salmon recovery, and a complex array of ecological impacts to food webs.

In 2021, the Washington Department of Fish and Wildlife (WDFW), tribal co-managers, and partners identified an exponential increase of invasive European green crabs within the Lummi Nation’s Sea Pond and outer coast areas, including Makah Bay, Grays Harbor, and Willapa Bay. This poses an imminent threat to Washington’s economic, environmental, and cultural resources. The $2.3 million appropriated by the State Legislature for European green crab management in the 2021-23 biennium is not sufficient to control these exploding populations.

On Dec. 14, 2021, Director Susewind submitted an emergency measures request for invasive green crab response to Governor Jay Inslee. While emergency funding was not immediately available, on Jan. 19, 2022, Gov. Inslee issued an emergency order to address the exponential increase in the European green crab population within the Lummi Nation’s Sea Pond and outer coast areas. The proclamation directs WDFW to begin

¹ The European Green Crab Multi-Agency Coordination Group (MAC Group) reserves the right to require more information including a presentation for proposals requesting more than $100,000 or proposals that would seek ongoing funding in future years.
implementation of emergency measures and urges the Legislature to provide additional emergency funding as requested by the WDFW as soon as possible.

Working with the Governor’s office, the Office of Financial Management, tribal co-managers including the Lummi Nation, Makah Tribe, and others, and Washington Sea Grant, WDFW requested $8,568,00 million from the State Legislature during the 2022 supplemental session to control increasing European green crab populations. The Legislature fully-funded this request in the 2022 Supplemental Budget, which was signed by Governor Inslee on March 31, 2022.

Funding Opportunity
The State of Washington Recreation and Conservation Office (RCO) has executed an agreement with the Washington Department of Fish and Wildlife (WDFW) (WDFW # 22-20111, RCO # 23-21) to execute interagency agreements to aid rapid response to the European green crab emergency.

The issuance of this request does not guarantee the award of funding for this program. Costs incurred prior to July 1, 2022, will not be reimbursed.

All work must follow integrated pest management practices as directed by the Washington Department of Fish and Wildlife.

Eligible Entities
Eligible entities for interagency agreement funding are ‘public agencies’ defined by Revised Code of Washington (RCW) 39.34 Interlocal Cooperation Act.

"Public agency" means any agency, political subdivision, or unit of local government of this state including, but not limited to, municipal corporations, quasi municipal corporations, special purpose districts, and local service districts; any agency of the state government; any agency of the United States; any Indian tribe recognized as such by the federal government; and any political subdivision of another state.

Furthermore, “State" means a state of the United States. "Watershed management partnership" means an interlocal cooperation agreement formed under the authority of RCW 39.34.200. "WRIA" has the definition in RCW 90.82.020.

Eligible Activities & Proposal Format
Proposals should address at least one of the Statewide Emergency Measures Goals and at least one of the Priority Actions noted below. Funding may pay for staffing, supplies and equipment, subcontracts, travel, and indirect costs. Recreation and Conservation Office staff will compile proposals for review and award under the direction of the European Green Crab Multi-Agency Coordination Group (MAC Group). The MAC Group may give preference to projects that are most likely to expend funds by June 30, 2023, have matching funds, provide in-kind services, or other criteria the MAC Group determines best support statewide emergency measures goals and priority actions.
Statewide Emergency Measures Goals
A. Facilitate Washington Department of Fish and Wildlife implementing Governor Inslee’s Emergency Proclamation for statewide emergency measures with respect for tribal sovereignty and federal jurisdictions.
B. Ensure the health and safety of all participants.
C. Reduce European green crab populations below harmful environmental, economic, and cultural resource harm.
D. Provide collaborative and transparent emergency management.
E. Develop and implement post-emergency transition to long-term management by local entities.

Priority Actions
A. Training: Training of personnel in European green crab trapping and data collection methods.
B. Early Detection: Trapping activities at standard sites and times to detect European green crab at earliest point in the invasion process to allow cost effective and environmentally sound decisions to be made to prevent their spread and establishment.
C. Prospecting: Trapping activities for early detection or assessments purposes by roving crews throughout a coordination area or single site using a larger number of traps over 2-3 trap days.
D. Rapid Response: When detected, provide expedited management actions for the purpose of containing or eradicating the species before it spreads or becomes further established.
E. Control: Active trapping operations where European green crab is known to be well established for the purpose of slowing and reducing populations, to prevent the maturation and spread.
F. Sentinel Site: Trapping activities to monitor European green crab population trends over time in coordination with Washington Sea Grant or Washington Department of Fish and Wildlife as directed.
G. Research: Development of execution of a scientific research project.
H. Coordination: Provide administrative support for coordinating European green crab emergency management activities at Management Area or Branch operation scales.
I. Other: Awareness and support activities such as public outreach and education.

1. Introduction

A. Agency/Organization Legal Name
B. DUNS Number and Tax ID Number
C. Agency/Organization Mailing Address
D. Names, Titles, Phone Numbers, and Email Addresses
   a. Primary contact
   b. Billing contact
   c. Signatory Official
2. Project Summary

A. Project objectives
B. Project tasks
C. Project deliverables
D. Project area description
E. Whether a one-time request or intent to request ongoing funding in future years

3. Budget Template

Budgets must be summarized at the object level, with explanation of each projected cost.

Objects
1. Salary
2. Benefits
3. Supplies
4. Contractual
5. Equipment
6. Other
7. Indirect

Cost Explanation

Example

<table>
<thead>
<tr>
<th>Supplies</th>
<th>Calculation</th>
<th>Requested Funds</th>
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<tbody>
<tr>
<td>Fukui traps</td>
<td>$90 trap X 100 units</td>
<td>$9,000.00</td>
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<tr>
<td>Bait cage</td>
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<tr>
<td><strong>Subtotal</strong></td>
<td></td>
<td><strong>$10,400.00</strong></td>
</tr>
</tbody>
</table>

Required Reporting Metrics

Required reporting to the Recreation and Conservation Office will include:

A summary of the agreement and tasks, total expenditures, accomplishments, challenges, and lessons learned, and adaptive management recommendations.

Accomplishments must include the following minimum data: total number of trap days and trap sets, trap locations, total number of European green crab removed, carapace widths, sex, number of gravid females removed, and Catch Per Unit Effort (CPUE), appendix of all raw data collected, adaptive management actions implemented, and recommendations for future work. Alternative methods of meeting minimum data requirements, as approved by WDFW, may be allowed to expedite data collection in areas of larger European green crab populations where collection on individual crabs would significantly slow the removal process.
Reports must include high quality photos (and any videos) illustrating activities.

Proposal Submission
Proposals may be submitted electrically or by mail. Electronic submission is preferred.

**Electronic:** Proposals must be e-mailed to Justin Bush, funding coordinator, at Justin.Bush@rco.wa.gov.

**Mail:** Proposals must be mailed to:
Justin Bush
State of Washington
Recreation and Conservation Office
PO Box 40917
Olympia, WA 98504-0917