

Wetlands Restoration for Greenhouse Gas Reduction Program



California Department of Fish & Wildlife
and
California Climate Investments

2019 Proposal Solicitation Notice

Pre-Application Proposal Deadline: August 13, 2019
Final Application Proposal Deadline: October 15, 2019



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Appendix A – Pre-Application Proposal Template

Acronyms and Abbreviations

AB	Assembly Bill
BOD	Basis of Design
Calculator Tool	Wetlands Program Benefits Calculator Tool
CARB	California Air Resources Board
CCI	California Climate Investments
CDFW	California Department of Fish and Wildlife
CEQA	California Environmental Quality Act
CH ₄	Methane
CO ₂	Carbon Dioxide
Delta	Sacramento-San Joaquin Delta
Delta Reform Act	Sacramento-San Joaquin Delta Reform Act of 2009
GHG	Greenhouse Gas
IPCC	Intergovernmental Panel on Climate Change
MT CO _{2e}	Metric Tons of Carbon Dioxide Equivalent
NAD 83	North American Datum 1983
NEPA	National Environmental Policy Act
N ₂ O	Nitrous Oxide
PSN	Proposal Solicitation Notice
QM	Quantification Methodology
SB	Senate Bill

1 Introduction

The California Department of Fish and Wildlife (CDFW) is seeking grant proposals for projects that will restore or enhance wetlands and result in a net reduction in greenhouse gas (GHG) emissions and provide important co-benefits. The implementation of the wetland restoration or enhancement must be completed by November 30, 2023.

See the Wetlands Program Project Solicitation and Evaluation Guidelines (Wetlands Program Guidelines) for additional information on Wetlands Program funding, associated legislation, and general grant requirements. In addition, the California Air Resources Board (CARB) publishes the Quantification Methodology (QM), User Guide and the Wetlands Program Benefits Calculator Tool (Calculator Tool) for use in quantifying Wetlands Program benefits.

In the event of a discrepancy between the information in the Wetlands Program Guidelines and this Proposal Solicitation Notice (PSN), the information in this PSN takes precedence.

1.1 Funding

The total available funding for this solicitation is approximately \$12.75 million. There are no maximum or minimum requirements for funding requests. Funding for this proposal solicitation was authorized by AB 109 ([Budget Act of 2017, Chapter 249, Statutes of 2017](#)) and SB 856 ([Budget Act of 2018, Chapter 30, Statutes of 2018](#)). Authorizing legislation requires projects be managed to maintain benefits for at least 50 years¹.

1.2 Proposal Solicitation Schedule

The proposal solicitation schedule is outlined in Table 1. Sign up for [CDFW's Grant Opportunities](#) e-mail list to receive timeline updates.

¹ The 50-year period will begin when construction activities are complete.

Table 1. Proposal Solicitation Schedule

Activity	Schedule
Public comment period for Draft Proposal Solicitation Notice	May 17 – June 18, 2019
Release Proposal Solicitation Notice	June 25, 2019
Pre-Application Workshops (via Skype) Visit the Wetlands Program Website or CARB CCI Events Calendar for details	July 10 and July 31, 2019 at 1:00 PM – 3:00 PM
Pre-Application Proposal due before 4:00 PM, PDT	August 13, 2019
Pre-Application Proposal Evaluation	August 14 – August 29, 2019
Request for Final Application Proposals	September 3, 2019
Final Application Workshop (via Skype) Visit the Wetlands Program Website or CARB CCI Events Calendar for details	September 17, 2019
Final Application Proposals due before 4:00 PM, PDT	October 15, 2019
Final Application Proposal Evaluation	November 13, 2019
Awards Announcement	December 2019/January 2020
Develop and execute grant agreements	January – June 2020
All project activities funded through the grant agreement completed	January 1, 2024 for UC/CSU or March 15, 2024 for all other grantees

1.3 Overview of Application Process

This PSN will include a two-phase application process: a Pre-Application Proposal and a Final Application Proposal. The purpose of the two-phase application process is to

provide applicants with assistance in completing the appropriate GHG worksheets and feedback useful for development of successful Final Application Proposals and screen out ineligible project types or applicants prior to Final Application Proposal submittal.

1.3.1 Pre-Application Phase

The Pre-Application Phase will focus on basic eligibility requirements, including completion of appropriate CARB Calculator Tool worksheets to estimate net GHG benefit, applicant eligibility, and land tenure assurances (see Wetlands Program Guidelines for full details of legislative requirements for GHG grant funds).

The applicant will be asked to complete a brief summary of the proposed project, and provide an estimate of the total project costs, including grant request amount. If necessary, CDFW staff will be available to aid applicants to work through the QM and/or Calculator Tool process.

1.3.2 Final Application Phase

Eligible pre-applicants will be invited back to submit a Final Application Proposal. Prior to submittal of the Final Application Proposal, applicants will receive written comments that must be addressed in the Final Application Proposal. Staff will be available to answer questions and provide feedback until the Final Application Proposal application is open in WebGrants (see Section 6 – Electronic Submittal).

Final Application Proposals will be scored based upon feasibility of the proposed project, completeness of the application, technical merits of the proposed project, responsiveness to staff input in the pre-application proposal phase, and past grant behavior (see Section 5.3 for further discussion of scoring criteria). Grant funds may be used to fund planning efforts directly linked to an implementation project within the first year of the grant agreement.

2 Eligibility Criteria

Eligibility requirements outlined below represent the minimum requirements for funding. Detailed information on various funding requirements can be found in the Wetlands Program Guidelines.

2.1 Applicants

Eligible applicants are public agencies, Indian tribes, and nonprofit organizations as defined in the Wetlands Program Guidelines.

2.2 Project Types

All eligible projects must include implementation actions that restore or enhance coastal tidal wetlands, Sacramento-San Joaquin Delta wetlands, mountain meadows, or seasonal inland wetlands.

Projects must provide quantifiable GHG benefits and co-benefits that include monitoring and assessment activities to document GHG benefits and co-benefits achieved through project implementation.

2.2.1 Coastal Tidal Wetlands

The objective of this project type is to restore coastal tidal wetlands to achieve quantifiable GHG benefits and co-benefits. Applicable projects are located within the [coastal zone](#), as defined in the California Coastal Act, or within the [San Francisco Bay Conservation and Development Commission's jurisdiction](#). Potential co-benefits associated with restoring ecological function in coastal tidal wetlands include improved habitat for fish and wildlife, sea-level rise and inland flooding adaptation, decreased air pollution, and improved water quality. Projects may include restoration or enhancement of adjacent upland habitat if necessary, as a buffer for future wetland migration with sea-level rise or between marsh and other land-use types.

2.2.2 Sacramento-San Joaquin Delta Wetlands

The objective of this project type is to fund projects designed to restore wetlands in the Sacramento-San Joaquin Delta² to achieve quantifiable GHG benefits and co-benefits. Potential co-benefits include subsidence reversal, sea-level rise and inland flooding adaptation, improved water quality, and improved conditions for native species. Projects should contribute to the restoration goals of [California EcoRestore](#). The geographic scope of this priority is the legal Sacramento-San Joaquin Delta as defined in California Water Code [Section 12220](#).

2.2.3 Mountain Meadows

The objective of this project type is to fund projects to restore mountain meadow ecosystems to achieve quantifiable GHG benefits and co-benefits. Potential co-benefits include improved groundwater storage, reduced and delayed peak flows, increased late season flow, improved water quality, reduced susceptibility to catastrophic wildfire, improved climate refugia, and improved habitat for native species.

² The conversion of row crops or other land uses to rice cultivation is not an eligible project type for the purposes of this PSN.

2.2.4 Seasonal Inland Wetlands

The objective of the project type is to fund projects to restore seasonal freshwater wetlands on mineral soils, including lands used for forestry, cropland, grazing, settlements, and rewetted mineral soils. Mineral soil wetlands include riparian wetlands, forested swamps and marshes and can occur in all climate zones in California.

2.3 Project Category

2.3.1 Planning and Implementation

Applicants may request funding for both Planning and Implementation Phases of a project. The Planning Phase includes completing CEQA/NEPA compliance, environmental permitting, and developing engineering design plans to at least 65%. The Planning Phase is limited to one year (from grant agreement execution) to ensure enough time and funds are available for Implementation Phase completion. Applicants will be asked to provide a summary of work completed to date, discuss data gaps, explain proposed assessment methods, provide a description and status of required permits, and provide presumed type and status of CEQA/NEPA documentation. In addition, technical justification for the proposed actions and resulting benefits, and a discussion of any potential adverse impacts related to implementation of the project, must be provided. For additional information regarding different design phases, please see Section 3.6 of the Wetlands Program Guidelines.

2.3.2 Implementation Only Projects

Final Application Proposals for Implementation Only projects must include 65% plans and an accompanying basis of design (BOD) report. Applicants will be asked to provide a technical justification for the proposed actions and claimed benefits, a discussion of any potential adverse impacts of the chosen restoration technique and how these will be addressed, a summary of assessments conducted to inform the design, CEQA/NEPA status, permit status, and identify work windows. An alternatives analysis must be included (if applicable). The alternatives analysis should include a discussion of different potential restoration techniques, and technical justification for the chosen method.

3 Proposal Requirements

3.1 Wetlands Program Guidelines

Applicants should review the Wetlands Program Guidelines to find detailed information on required documentation, scoring criteria, grant agreement development, auditable file requirements, legislative requirements, and other key programmatic guidance.

3.2 GHG Benefits Requirements

All projects are required to show a net GHG benefit and provide multiple other co-benefits. Estimates of the net GHG benefit for the proposed project account for all relevant GHGs (carbon dioxide [CO₂], methane [CH₄], and nitrous oxide [N₂O]). Applicants must use the CARB Calculator Tool to estimate GHG benefits for each eligible project type.

3.3 Co-Benefits

All proposed projects must provide co-benefits. Co-benefits may include, but are not limited to:

- Habitat or species conservation³
- Climate change adaptation
- Soil health and conservation
- Job creation and quality
- Trees planted
- Emissions reductions

Applicants should refer to the Wetlands Program Guidelines for further information on co-benefits.

3.4 Land Tenure and Site Access Requirement

Per AB 109 ([Budget Act of 2017, Chapter 249, Statutes of 2017](#)) and SB 856 ([Budget Act of 2018, Chapter 30, Statutes of 2018](#)), projects "shall be used for wetland restoration projects that will be managed to maintain benefits for at least 50 years, underpinned by conservation easements or equivalently enforceable conservation agreements that endure for at least 50 years." If CDFW determines that an applicant has not adequately demonstrated tenure and control of the property(ies), the project will not be eligible for funding. Additional information on this requirement can be found in the Wetlands Program Guidelines.

³ Habitat or species conservation may include but not limited to implementation of actions found in State Wildlife Action Plan, California Water Action Plan, state and federal recovery plans, or other relevant conservation plans and programs.

3.5 Ineligible Activities

Activities ineligible for funding under this PSN include:

- Projects associated with regulatory compliance obligations
- Projects implementing deferred maintenance
- Conservation easements or equivalent conservation agreements
- Purchase of land or interest in land or water
- The conversion of row crops or other land uses to rice cultivation

4 Pre-Application Phase

4.1 Pre-Application Proposal Requirements

The following items will be required for the Pre-Application Proposal:

- Completed 2019 GHG PSN Pre-Application Proposal (Appendix A)
 - Brief project description including proposed actions and GHG and co-benefits
 - Conceptual Models
 - Task-level timeline
 - Estimated project cost
- Project location map, shapefiles, and coordinates (latitude/longitude, NAD83)
- Completed Quantification Methodology Calculator for GHG estimates
- Proof of land tenure or a document affirming the landowner's willingness to provide land tenure for at least 50 years after construction is complete (e.g., willing seller letter)

A summary of each of the eligibility requirements is provided in Sections 2. Detailed information on eligibility requirements can be found in the Wetlands Program Guidelines. Please carefully review this information before submitting your application.

4.2 Pre-Application Proposal Submission Process

Pre-Application Proposals will be accepted from June 25 to August 13, 2019 through [CDFW WebGrants](#). Hardcopy or email submissions will not be reviewed or considered for funding. See Electronic Submittal requirements in Section 6.

Online submittal of Pre-Application Proposals must be received before 4:00 PM, PDT on August 13, 2019.

4.3 Pre-Application Proposal Evaluation Process

The Pre-Application Proposal evaluation process will use a "Yes/No" eligibility scoring

method based on Pre-Application Proposal Evaluation Criteria (Table 2) below. Proposals must receive a "Yes" for all eligibility criteria to participate in the Final Application Proposal Phase. Successful applicants will be invited to submit a Final Application Proposal. CDFW technical review team will provide applicants comments/questions to help guide their preparation of the Final Application Proposal.

Table 2. Pre-Application Proposal Evaluation Criteria

Criteria	Score
All Pre-Application Proposal components have been completed in the required formats, including all proposal forms, associated documents, and the applicant's contact information, including person authorized to sign grant agreement.	Yes/No
Applicant is an eligible entity.	Yes/No
Proposal represents an eligible project type (see Section 2.2 – Project Types).	Yes/No
Proposed project does not include any ineligible activities (see Section 3.5 - Ineligible Activities)	Yes/No
Proposal project includes an estimate of GHG benefits developed through use of CARB approved tools for the Wetlands Program.	Yes/No
Proposal includes documentation addressing legal requirements for land tenure over the Project Life, at least 50 years after construction is complete.	Yes/No

5 Final Application Phase

As noted in Section 1.3 - Overview, only those applicants that successfully submitted a Pre-Application will be invited to submit a Final Application Proposal. Information submitted in the Pre-Application Proposal will not need to be resubmitted for the Final Application Proposal. Applicants must address the comments provided in the Pre-Application Phase in the Final Application Proposal.

5.1 Final Application Proposal Requirements

5.1.1 Required Documentation for Final Application Proposals

- Detailed Scope of Work (SOW)
 - SOW
 - Environmental Compliance and Permitting
 - Schedule
 - Technical Justification Attachment
- Biographical Sketches/Project Team and Qualifications
- Budget Tables
 - Line Item Budget
 - Budget Justification
 - Cost Share
- Project Objectives and Performance Measures

- Monitoring and Long-Term Management Plan
- Priority populations information (If applicable)
 - Community Engagement

5.1.2 Detailed Scope of Work

The SOW should include a list of task and subtasks and a succinct description of the work to be completed under each such that all work needed to complete the project is apparent in the SOW. The SOW must include work funded by other sources that is integral to project design/implementation. Relevant deliverables should be listed for each task. The SOW should include a brief overview of work completed to date and status of each task. The SOW must be consistent with the budget justification and schedule (task numbers, tasks names, etc.).

5.1.3 Technical Justification

Proposals must include a technical justification for the restoration or enhancement project. The applicant must describe and justify the following:

1. The project need;
2. The proposed assessment methods and restoration or enhancement techniques;
3. All claimed benefits (summarize appropriate scientific papers and include appropriate citations);
4. A discussion of the period (minimum 50 years after construction is complete) over which the project will yield GHG benefits must be included;
5. The need and means of adaptive management;
6. Any potential adverse impacts and how those impacts will be mitigated; and
7. A summary of the alternatives analysis.

5.1.4 Budget

Applicants must submit a project budget with the Final Application Proposal. The budget must provide enough detail for reviewers to understand how the requested funds will be used, why the expenses are necessary, and how the applicant estimated project costs. Planning and Implementation projects must estimate costs for the Planning Phase separately from the Implementation Phase. The Planning Phase must be complete within one year of grant agreement execution, and the majority of grant funds must be spent on the Implementation Phase. The following forms capture project budget information.

5.1.5 Line Item Budget

The Line Item Budget is for requested CDFW funds only. The applicant must list the estimated expenses for the staff time, materials, equipment, travel, etc. to complete the project. Project expenses must be itemized and placed under these four budget categories:

1. Personnel Services,
2. Operating Expenses: General,
3. Operating Expenses: Subcontractors, and
4. Equipment and Other Indirect-Excluded Operating Expenses.

5.1.6 Subcontractor Budget

The Subcontractor Budget must be supplied for requested CDFW funds only. This form is similar to the Line Item Budget but is specific to subcontractors. The applicant must submit a Subcontractor Budget for each subcontractor on the Project Team. If the applicant has not yet hired a subcontractor, the applicant is still required to provide a Subcontractor Budget for the role (e.g., Construction Subcontractor [TBD], GHG Analyst [TBD]) and justify the estimated costs.

5.1.7 Budget Justification

Applicants must provide a Budget Justification. The applicant must provide justification for all expenses related to tasks outlined in the SOW and describe how they estimated these costs. In addition to justifying each line item, applicants must justify their indirect cost rate.

5.1.8 Cost Share

Cost share are funds that come from other sources (applicant or other) that support the project in addition to the requested CDFW funds. The Cost Share Table is where applicants disclose the cost share that they have applied for (unsecured) or secured. The Total Project Cost is the combined total of the cost share funds and the requested CDFW funds.

5.1.9 Schedule and Deliverables

The Schedule and Deliverables Table should match the SOW and describe key project milestones and/or deliverables for each task and their estimated completion date. The purpose of this table is to demonstrate that the applicant will complete project tasks in a logical order, has allotted sufficient time for each task, and can demonstrate that they have accounted for all environmental compliance and permitting.

5.1.10 Community Engagement and Priority Populations

Where applicable and to the extent feasible, projects must maximize economic, environmental, and public health co-benefits to the State. Proposals must include expected project co-benefits for Community Engagement, using CARB methods and resources:

- [Community Engagement Co-Benefit Assessment Methodology](#)
- [Fillable Community Engagement Questionnaire](#)

- [Literature Review on Community Engagement](#)

If the applicant claims benefits to a Priority Population, then the applicant is required to use a three-step process to evaluate whether their proposed project will benefit Priority Populations. Applicants must provide a clear description of any expected benefits, the link between those benefits and the needs of the community or household, and proposed metrics for tracking and reporting the benefits.

[5.1.11 Qualifications and Licensed Professionals](#)

Applicants must describe projects completed by the applicant or other qualifications that demonstrate the project team has the experience, facilities/equipment, and capacity to perform the proposed tasks. Certain assessments and design components require the services of an appropriately licensed professional (see Wetland Program Guidelines Section 3.5). These requirements will not be waived based upon letters submitted with the application. Applications for Implementation Only proposals will be considered ineligible if appropriate professionals are not included on the design team.

[5.1.12 Environmental Compliance and Permitting](#)

Proposals must include a list of required permits and type of CEQA/NEPA documentation anticipated or completed. Any completed CEQA/NEPA documents or permits should be included in an attachment to the proposal.

Proposals that include preparation of CEQA and NEPA must identify the anticipated State and federal lead agencies and document whether those agencies have accepted the role. CDFW will consider CEQA complete when a lead agency has filed a Notice of Determination with the Office of Planning and Research or a Notice of Exemption with the appropriate local county(ies).

Implementation Only proposals must complete CEQA and permitting prior to grant agreement execution (typically six to twelve months of award date). Planning and Implementation proposals must complete CEQA and permitting within one year of grant agreement execution.

[5.1.13 Monitoring and Long-Term Management](#)

Applicants must provide project specific performance measures linked to all benefits claimed and the proposed method for measuring attainment of benefits (see guidance for Community Engagement and Priority Populations in Section 5.1.10). Assessment methodologies for benefits claimed (other than GHG benefits) may be quantitative or qualitative.

All awarded projects are required to complete a project specific monitoring plan for CDFW

review and approval prior to project implementation (see Wetlands Program Guidelines for more information).

5.2 Final Application Submission Process

Submission for Final Application will be by invitation only. Applications will not be accepted for proposals that were not submitted in the Pre-Application Phase. Final Application Proposals will be accepted from September 3 to October 15, 2019 through [CDFW WebGrants](#). Hardcopy or email submissions will not be reviewed or considered for funding. See Electronic Submittal requirements in Section 6.

Online submittal of Final Application Proposals must be received before 4:00 PM, PDT on October 15, 2019.

All information requested in this PSN is mandatory unless otherwise indicated. Incomplete proposals may not be reviewed or considered for funding.

Proposals are subject to Public Records Act requests and may be made publicly available.

5.3 Final Application Proposal Review Evaluation Process

5.3.1 Final Application Proposal Administrative Review

Administrative Review determines if the Final Application Proposal is complete. If all appropriate forms and attachments are completed and submitted, the proposal will pass the Administrative Review. A page with the title and no content will be considered a missing attachment. Administrative Review Evaluation Criteria is summarized below in Table 3. Proposals that receive a "No" for the Administrative Review Evaluation Criterion will be considered incomplete and will not be considered for funding.

Table 3. Administrative Review Evaluation Criteria

	Score
All Final Application Proposal components have been completed in the required formats, including all proposal forms, associated documents, and the applicant's contact information, including person authorized to sign grant agreement.	Yes/No

5.3.2 Technical Review

Table 4 provides an overview of the Technical Review Criteria. Technical reviewers evaluate each proposal in accordance with the [Technical Review Criteria Instructions](#) (see Wetlands Program Guidelines Section 4.2.2) and may make narrative comments that support their scores.

Table 4. Technical Review Criteria

CRITERIA		WEIGHTING FACTOR	MAXIMUM SCORE
TECHNICAL / SCIENTIFIC MERIT			
1	Project Background /Technical Merit	2	10
2	Diversity and Significance of Benefits	2	10
3	Project Readiness	2	10
4	Approach, Feasibility, and Scope	4	20
5	Performance Measures and Proposed Monitoring Measures	2	10
6	Project Team Qualifications	1	5
7	Responsiveness to Pre-Application Comments/Past Grantee Performance	1	5
PROJECT COSTS			
8	Applicant Budget	1	5
9	Budget Justification	2	10
10	Cost Share	1	5
COMMUNITY / STAKEHOLDER SUPPORT			
11	Community Support and Collaboration	1	5
12	Priority Populations	1	5
	Total Possible Score		100

5.3.3 Engineering-Geology Review

All proposed project types that will include altering surface or groundwater flow, ground surface disturbance (other than planting), or fish passage shall include an Engineering-Geology review. Engineering-Geology Review will evaluate and score proposals based on: 1) the soundness of the technical approach and proposed restoration strategy; 2) the characterization of existing site conditions; 3) the status/level of design drawings (if appropriate), and 4) the adequacy of work tasks, project team, and budget for addressing technical aspects of the project. Engineering-Geology reviewers will evaluate each proposal in accordance with the [Engineering-Geology Review Criteria Instructions](#) (see Wetlands Program Guidelines page).

Engineering staff will evaluate applications with the following scoring criteria:

- 2 points - Proposal appears to be technically adequate
- 1 point - Concerns were identified that could impact project success
- 0 points - Plans do not appear to meet minimum design level or insufficient information was provided to determine technical adequacy

This score will be provided to the Selection Panel for consideration with the technical review scores.

5.3.4 Selection Panel Review

The Selection Panel will review the scores and comments from the Technical Review process. The Selection Panel will generate the initial funding recommendations to the Director of CDFW. When developing the funding recommendation, the Selection Panel considers:

- Technical Review scores and comments
- Engineering-Geological Review, if applicable
- GHG benefits and co-benefits
- Benefits to Priority Populations
- Project readiness (degree to which project is "shovel ready")
- Program purposes
- Availability of funds

The Selection Panel may recommend modifications, including reducing requested grant amounts.

5.3.5 Final Approval

The Director of CDFW will review the Selection Panel funding recommendations and make the final funding approval. CDFW anticipates awarding grants in **December 2019 or January 2020**, with grant agreement execution approximately six to twelve months from award date.

6 Electronic Submittal

Proposals must be submitted electronically through [CDFW WebGrants](#). Applicants must have an active WebGrants user account to apply. The Pre- and Final Applications are listed under the WebGrants Funding Opportunity "2019 Wetlands Restoration for Greenhouse Gas Reduction Grant Program" and consist of multiple forms consisting of dropdown menus, text boxes, multiple-choice selections, or uploaded attachments to answer application questions. The Final Application will only be visible after the Pre-Application Phase to successful applicants.

All information requested in this PSN is mandatory unless otherwise indicated. Incomplete proposals may not be reviewed or considered for funding. Proposals are subject to Public Records Act requests and may be made publicly available.

The WebGrants Help Desk is staffed Monday - Friday (9:00 AM - 4:00 PM) and can be reached by phone at (916) 323-0477 or by email GHGWebgrants@wildlife.ca.gov. For questions regarding the PSN, email WetlandRestoration@wildlife.ca.gov.

APPENDIX A: 2019 PROPOSAL SOLICITATION NOTICE PRE-APPLICATION PROPOSAL TEMPLATE

(2-3 PAGES NOT INCLUDING TABLES; REMOVE INSTRUCTIONS BEFORE SUBMITTING)

General Information

Project Title:		Application Number:
Applicant: <i>Full legal title of organization requesting funding</i>		Organization Type:
Mailing Address:	Primary Contact:	Phone:
	Primary Contact Title:	Email:
Amount Requested: <i>Total CDFW Requested Amount</i>	Total Project Cost: <i>Estimated Cost for this Project Phase (CDFW + cost share)</i>	Project Duration: <i>Estimated Start (no sooner than June 1, 2020) and End Dates (no later than January 1, 2025 for UC/CSUs or March 15, 2025 for all other applicants)</i>
Project Type: <i>Select one</i> <input type="checkbox"/> Coastal Wetlands <input type="checkbox"/> Delta <input type="checkbox"/> Mountain Meadows <input type="checkbox"/> Seasonal Inland Wetlands		Project Category: <i>Select one</i> <input type="checkbox"/> Implementation only <input type="checkbox"/> Planning and Implementation
Project Latitude Coordinates (Project Centroid, decimal degrees, NAD83):		Project Longitude Coordinates (Project Centroid, decimal degrees, NAD83):
Landowner(s): <i>Applicant, federal, State, local, NGO, private</i>		County(ies): <i>Which counties is the project in?</i>

Project Summary

Project Description

Briefly describe the project. Identify the problem or need and how the proposed project will provide a solution. Describe the project objectives (e.g., the project will restore or enhance habitats or ecosystem function, result in improved land management for wildlife). Identify the existing habitat shortcomings, specific methods used to restore or enhance habitats, greenhouse gas (GHG) benefits, and describe all resulting habitat(s), including acreage by habitat type and, where appropriate, the length and width (in feet) of the resulting restored or enhanced habitat. Identify current and past major land uses. Describe long-term management and maintenance activities of the project site and identify who will be responsible for those activities.

Conceptual Model

1. Attach conceptual model figure(s) in "Pre-Application Attachments."
2. Describe conceptual model(s) as it relates to your project and how the proposed restoration activities result in net GHG benefits. Include a discussion of the period of time, minimum of 50 years, over which the project will yield GHG benefits.

APPENDIX A: 2019 PROPOSAL SOLICITATION NOTICE PRE-APPLICATION PROPOSAL TEMPLATE

(2-3 PAGES NOT INCLUDING TABLES; REMOVE INSTRUCTIONS BEFORE SUBMITTING)

Timeline

Provide the proposed project timeline that outlines the key project milestones and their estimated dates chronologically in the table below. Examples of project milestones are included in the table.

Key Project Milestones	Estimated Dates
<i>Project Start</i>	<i>Start date cannot be sooner than June 1, 2020</i>
<i>Final engineering designs complete</i>	
<i>CEQA compliance complete and all permits in-hand</i>	
<i>Baseline/Pre-Construction Monitoring</i>	
<i>Construction Start</i>	
<i>Construction End</i>	
<i>Revegetation and habitat enhancement</i>	
<i>Post-Project Monitoring</i>	
<i>Final Report</i>	
<i>Project End</i>	<i>End date cannot be later than January 1, 2025 for UC/CSUs or March 15, 2025 for all other applicants</i>

Estimated GHG Benefit

The Wetlands Calculator Tool and its supporting Quantification Methodology (QM) can be found at <http://www.arb.ca.gov/cc-resources> under the “Natural Resources and Waste Diversion” header and California Department of Fish and Wildlife Wetland Restoration (see Figure 1 below).

APPENDIX A: 2019 PROPOSAL SOLICITATION NOTICE PRE-APPLICATION PROPOSAL TEMPLATE

(2-3 PAGES NOT INCLUDING TABLES; REMOVE INSTRUCTIONS BEFORE SUBMITTING)

Natural Resources and Waste Diversion				
Agency	Project Type	Quantification Methodology (QM) and Calculator Tool	Priority Population Benefit Criteria Table	Reporting Template
California Air Resources Board	Smoke Monitoring	--	--	Smoke Monitoring
California Conservation Corps	Riparian Restoration Projects	Riparian Restoration QM Calculator Tool	Job Training and Workforce Development	Conservation Corps
California Department of Fish and Wildlife	Wetland Restoration	Draft Wetlands Restoration Program QM Draft Calculator Tool	Land Restoration and Forest Health Land Conservation	Wetland and Watershed Restoration Projects

Figure 1. The Wetlands Restoration Program QM and Calculator Tool are available on the CARB website in the CCI Quantification, Benefits, and Reporting Materials table

1. Attach completed Quantification Methodology Calculators in “Pre-Application Attachments”
2. In addition to providing results from the CARB approved quantification methodologies, applicants may provide additional site-specific data and alternative calculation methods to estimate GHG benefits. Attach any additional quantification methodology to “Pre-Application Attachments.” This attachment is optional.
3. Provide the estimated GHG benefit over the project life (50 years after construction is complete) as calculated in the [Quantification Methodology for CDFW Wetlands Restoration for Greenhouse Gas Reduction Grant Program](#).

Land Tenure

1. Please describe the status and expected conclusion of landowner negotiations, including estimated date by which negotiations will result in a conservation easement or an equivalently enforceable conservation agreement to manage and maintain restoration project benefits for at least 50 years ([AB 109, Budget Act of 2017, Section 14, Provision 1](#) and [SB 856, Budget Act of 2018, Section 21, Provision 1](#)).
2. Attach Land Tenure Documents in “Pre-Application Attachments.”
 - a. If applicant is not the landowner, please attach a document affirming the landowner will enter into a conservation easement or an equivalently enforceable conservation agreement for at least 50 years after construction is complete or an existing conservation easement/agreement.
 - b. If the applicant is the landowner, please attach proof of ownership.

APPENDIX A: 2019 PROPOSAL SOLICITATION NOTICE PRE-APPLICATION PROPOSAL TEMPLATE

(2-3 PAGES NOT INCLUDING TABLES; REMOVE INSTRUCTIONS BEFORE SUBMITTING)

Project Location Map

Clearly identify the project's location in relation to prominent area features in a Project Location Map. The map should provide sufficient detail to allow a person unfamiliar with the area to locate the project. Attach the Project Location Map in "Pre-Application Attachments."

Project Shapefiles

Upload a shapefile or kmz in "Pre-Application Attachments" under "Project Shapefile." Note: If your Project is selected for funding, you may be required to submit more detailed shape files or kmz files.

- *Attach a polygon boundary of the proposed project using one of the formats below:*
 - *Shapefile (shs): zipped*
 - *Keyhole Markup Language: zipped (kmz)*
- *Project sites separated by more than 0.5 miles should be included as separate polygons. Include the following in the file to be uploaded:*
 - *Application Number: (found near the top left of the page in your application).*
 - *Applicant Name*
 - *Project Title*
 - *Site Name*