

# **Bay-Delta Sport Fishing Enhancement Stamp**

## **2009 Proposal Solicitation Notice**



**California Department of Fish and Game  
Fisheries Branch  
June 25, 2009**



## Bay-Delta Sport Fishing Enhancement Stamp 2009 Proposal Solicitation Notice

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# **Bay-Delta Sport Fishing Enhancement Stamp 2009 Proposal Solicitation Notice**

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## **Introduction**

The California Department of Fish and Game (Department) Bay-Delta Sport Fishing Enhancement Stamp (BDSFES) Program is soliciting proposals for projects that benefit sport fish populations, sport fishing opportunities, or anglers within the BDSFES's geographic range: Golden Gate Bridge to the most downstream dam on the main stem of the Sacramento and San Joaquin rivers and their major tributaries. The intent of this Proposal Solicitation Notice (PSN) is to solicit and fund projects consistent with the BDSFES legislation.

For 2009, the Department is seeking projects within five focus areas.

- Bay-Delta sport fisheries
- Steelhead fisheries
- Chinook salmon fisheries
- Education focused on Bay-Delta fisheries
- Projects that provide benefit to anglers and angling opportunity

The five focus areas are described in detail on page 3.

Project categories include, but are not limited to, scientifically-sound fisheries monitoring and research, aquatic habitat acquisition and restoration, and public outreach.

BDSFES funds may only be used to augment, not replace, other funding already allocated to Bay-Delta sport fisheries from the sale of fishing licenses, the California Bay-Delta Authority, or other federal, state, or local funding sources.

## **Background**

The purpose of the BDSFES is to fund projects that benefit anglers, fisheries, and angling opportunities for the long-term, sustainable benefit of sport fishing and sport fish populations in the Bay-Delta. The legislation states:

“The department shall expend the funds in that account for the long-term, sustainable benefit of the primary bay-delta sport fisheries, including, but not limited to, striped bass, sturgeon, black bass, halibut, salmon, surf perch, steelhead trout, and American shad. Funds shall be expended to benefit sport fish populations, sport fishing opportunities, and anglers within the geographic parameters established in Section 7360, and consistent with state and federal Endangered Species Act requirements and applicable commission policies. “

Legislation also requires a stakeholder Advisory Committee to recommend projects for funding. This Advisory Committee participates in determining the focus of the PSN, reviews project proposals and recommends which projects to fund. The final decision on funding is made by the Director of the Department.

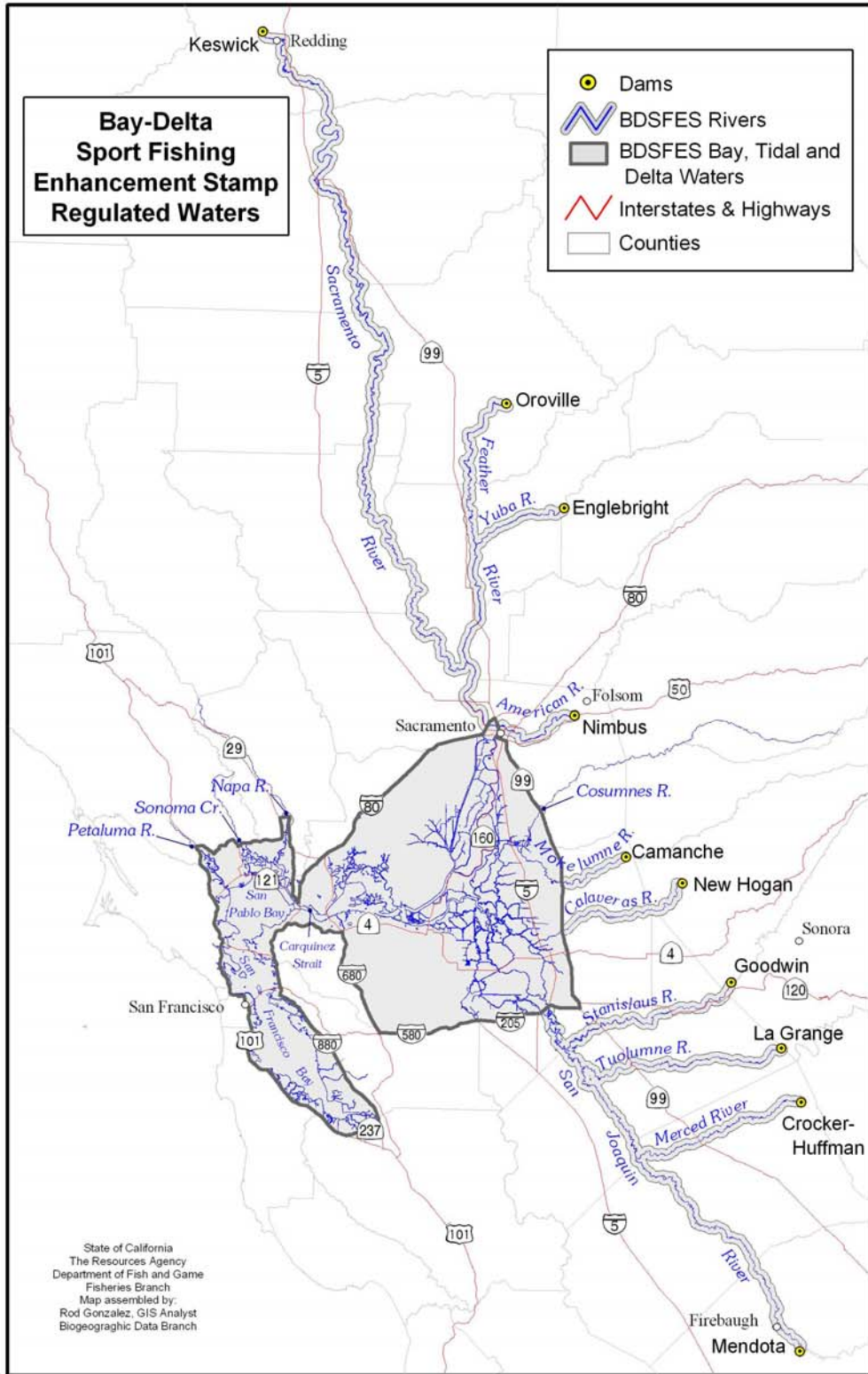


Figure 1. BDSFES geographic range.

## **Eligibility Criteria**

Entities eligible for the BDSFES Program 2009/2010 award cycle are limited to public agencies, Indian tribes, and non-profit organizations. Proposals from private individuals or for-profit enterprises are ineligible. Private individuals and for-profit enterprises interested in submitting proposals are encouraged to work with a public agency, nonprofit organization, or Indian tribe.

## **Funding Prospects for Fiscal Year 2009/2010**

The total estimated amount of funding available under this BDSFES Program solicitation for Fiscal Year 2009/2010 is \$600,000. With such limited funding, the BDSFES program anticipates the 2009/2010 PSN process to be highly competitive.

## **Proposal Due Date**

The application is due **September 3, 2009**. See Part I, Proposal Application Submission Procedures for detailed instructions on this requirement.

## **2009/2010 PSN Focus**

The Department and the Advisory Committee are seeking projects primarily within the five focus areas. Such projects will receive an additional 2 points toward their final score.

***Focus One:*** Projects focusing on bay and delta fisheries that may result in recommended management actions to better protect bay-delta fisheries and their habitat. This may include research projects.

***Focus Two:*** Projects focusing specifically on steelhead populations within the BDSFES geographic range, showing strong potential for tangible benefits to steelhead populations and habitat, or recommendations for management actions.

***Focus Three:*** Proposals focusing specifically on Chinook salmon within the BDSFES geographic range showing strong potential for tangible benefits to Chinook populations and habitat, or recommendations for management actions.

***Focus Four:*** Projects that provide opportunities to educate the public that would provide tangible benefit for anglers and their families. Proposals should describe the educational objectives of the project, the anticipated impact of the project, the value of the outreach/educational opportunity to the public in general, and the anticipated distribution, circulation, and/or attendance.

***Focus Five:*** Projects that provide benefit to anglers and angling opportunity.

## **General Guidelines**

**Please read this PSN document carefully.** It is a legal document. Proposals submitted must be in full compliance with all stated requirements in this PSN. Failure to comply will result in proposals being ineligible for funding.

Forms used in this PSN can be found and downloaded in MS Word or PDF format on the internet at <http://www.dfg.ca.gov/fish/Administration/Permits/BayDeltaStamp/index.asp>

Funding for proposals submitted under this PSN are subject to availability of funds and approval of the Budget Act for the 2009/2010 Fiscal Year. ***Successful applicants cannot spend***

***BDSFES funds until a fully-executed contract is in place. Funding agreements may not be in place until the spring of 2010. Please plan project timelines accordingly.***

If selected, the project proponent shall comply with all applicable state laws, rules, regulations, and local ordinances specifically including but not limited to environmental, procurement, and safety laws, rules, regulations, and ordinances. As may be necessary, the project proponent shall be responsible for obtaining the services of appropriately-licensed professionals to comply with the applicable requirements of the Business and Professions Code including but not limited to section 6700 et seq. (Professional Engineers Act) and/or section 7800 et seq. (Geologists and Geophysicists Act) with the applicable requirements of the Business and Professions Code.

All successful applicants will be required to show Disabled Veteran Business Enterprises (DVBE) for at least 3% of the funding total **or** provide adequate documentation of a “good faith effort” to do so.

If the proposal is selected for funding and the project proponent fails to perform in accordance with the provisions of the enacted agreement, the Department retains the right, at its sole discretion, to interrupt or suspend the work for which the monies are supplied or to terminate the contract.

### **The Review Process**

Each complete proposal received by the due date goes through a rigorous review process by the BDSFES Technical Review Team (TRT), the BDSFES Advisory Committee and the Director. This process evaluates and scores proposals based on technical and biological soundness, cost effectiveness and the ability to meet BDSFES objectives and focus points. The review process is as follows:

1. For each complete proposal received by the due date, the TRT will evaluate the proposals and conduct field evaluations as necessary. Additional clarifying information and/or material may be requested by the Department during the evaluation. *August 2009*
2. The TRT will evaluate (1) the scientific and technical merit of the proposal, and (2) the probability of attaining the stated results. The TRT will evaluate and score each proposal based on criteria in Appendix D. The resulting scores and comments will be forwarded to the BDSFES Advisory Committee for their review. *September 2009*
3. The BDSFES Advisory Committee members will evaluate each proposal for (1) the ability to meet BDSFES objectives and (2) the degree to which it meets BDSFES objectives and focus points. The Advisory Committee will score each proposal and recommend funding priority. *September 2009*
4. BDSFES staff will provide the findings of the TRT and the Advisory Committee to the Director. *October 2009*
5. The Director will provide the final funding decision. *October- November 2009.*

## **Project Types**

The proposal application must identify the project type that best describes the proposed project. The Department has developed a two-letter coding system for various types of projects. A list of these two-letter codes is shown below and is described in more detail in Section III. The codes are used throughout this PSN to represent project types.

ED Public School Watershed and Fishery Conservation Education Projects  
AE Angler Education Projects  
HA Habitat Acquisition and Conservation Easements  
HB\* Instream Barrier Modification for Fish Passage  
HI\* Estuary and Instream Habitat Restoration  
RP Research Projects  
FC Fisheries Conservation

*\*These types of projects may require the services of a licensed professional engineer or licensed professional geologist to comply with the requirements of the Business and Professions Code section 6700 et seq. (Professional Engineers Act) and section 7800 et seq. (Geologists and Geophysicists Act). Unless the Department determines otherwise, the applicant should assume services are necessary and should prepare proposals accordingly.*

## **Prevailing Wages**

Projects awarded grants by the Department, depending on the type of project undertaken, may be required to pay prevailing wages. Typically, the types of projects that are subject to the prevailing wage requirements are public works projects. Existing law defines "public works" as, among other things, construction, alteration, demolition, installation, or repair work done under contract and paid for in whole or in part out of public funds.

California Fish and Game Code, Section 1501.5 exempts grants with public agencies, nonprofit organizations, or Indian tribes that exceed \$50,000 in cost, excluding the cost of gravel, from the prevailing wage requirements. Assembly Bill 2690, which amended Labor Code, Section 1720.4 to exclude most work performed by volunteers from the prevailing wage requirements. Grants with the Department for public works undertaken by public agencies, nonprofit organizations, or Indian tribes for less than \$50,000 in cost, excluding the cost of gravel, are subject to prevailing wages laws (Labor Code section 1720 et seq.).

Any questions of interpretation regarding the Labor Code should be directed to the Director of the Department of Industrial Relations, the State department having jurisdiction in these matters. You may also refer to the Department of Industrial Relations (DIR) website at <http://www.dir.ca.gov>.

# PART I

## PROPOSAL APPLICATION SUBMISSION PROCEDURES

### Submission Guidelines

In order to be considered for the 2009/2010 funding, all proposals submitted by mail must have a **U.S. Postal Service Postmark** no later than **September 3, 2009**. Proposals delivered by any other means (FEDEX, UPS, etc.), including hand-delivery in person, must be delivered no later than **September 3, 2009 at 3:00 p.m.** to BDSFES Program staff at the exact location described below. Applicants must provide **6 copies** of each proposal and **one copy on CD** in *Word*, RTF, or PDF format. If multiple proposals are being submitted, the applicant must provide a separate proposal packet, copies and CD for each proposal. Do not put more than one proposal on a single CD.

Proposals for the BDSFES Program should be sent by mail or courier or hand delivered to:

Bay-Delta Sport Fishing Enhancement Stamp Program- PSN Proposal  
California Department of Fish and Game  
830 S Street  
Sacramento, CA 95811

A *complete* proposal package will include:

- Six copies of each proposal and one on a CD
- A completed application form (Appendix A)
- Complete and accurate budget(s) (Appendix B)
- Supporting material as described in Appendix A, Section 8

Incomplete proposal packages will **not** be considered for funding.

Refer to Appendix A for all application requirements.

Proposals must use a 12 point standard font (such as Arial) on plain white paper. Each page of the proposal must be numbered in sequential order. Double-sided pages are encouraged. **Do not bind proposals in plastic, cover stock, folders, or any other binding.** Simply staple or binder-clip each plain-paper proposal copy once in the upper left corner. Handling bound proposals delays processing. Applicants must provide **6 copies** of each proposal submitted, with the Proposal Application Form being the first page, and one copy on CD in *Word*, RTF, or PDF format. For multiple proposals, the applicant must provide one proposal per CD. Do not include transmittal letters or letters of support or recommendation with your proposal, as they will not be considered.



## PART II

### IMPORTANT PROVISIONS FOR ALL PROPOSAL APPLICATIONS

#### 1. Project Description

Project proposals must include, in detail, the location of the proposed project, the work being proposed, how the work will be done, and when the work will be done. The description must also include a clear and understandable link between the proposals and current or historical problems. Lists of proposed activities without descriptive narrative do not constitute sufficient detail.

Descriptions must be sufficiently detailed regarding the overall work proposed and include cost(s) of each proposed work element in order for the Department to, (1) perform a cost analysis of proposed work during the proposal evaluation process; and (2) write an agreement with measurable and quantifiable objectives. Photographs of the existing conditions from fixed photo points are desirable.

Project descriptions must include details of project design and cost of labor, material, and equipment for each project element. Project descriptions sufficient for proposal submission may not be sufficient for final construction and approval by Department fisheries or technical/engineering staff. This is especially true of, but not exclusive to, dam demobilization, fish ladders, large fish screens, and extensive stream re-grading and/or realignment. *Funding of a proposal does not constitute final design approval.* In such cases, the applicant must allow for further design iterations in both cost and scheduling.

In the project description, identify stakeholder support and how the project meets stakeholders' needs as well as how stakeholders will be affected by the project results. A stakeholder is anyone affected by, or with an interest in, the project.

#### 2. Project Budget

Project proposals must include a detailed, line item budget broken down into at least three categories: Personnel Services, Operating Expenses, and Administrative Overhead (as described in Appendix B). Line item expenditures in each category should include cost detail (i.e., unit costs, etc.) whenever possible. Large, undefined lump sums in the budget will be considered unresponsive and will limit the ability of reviewers to evaluate the proposed project. During the scoring and evaluation review, the Department will perform a cost analysis using the detailed project description. The budget must identify the amount being requested from the Department, the applicants matching funds or services and the total cost for each line item.

Total project cost used in the analysis includes the total amount requested from available funds under this PSN and any cash or in-kind cost share from any other funding source.

Applicants must justify project costs in the project description. Project cost analysis will be based on costs for similar projects that have been implemented as well as an assessment of proposed costs by Department staff.

For projects which include more than one distinct project type, (e.g. barrier modification and instream habitat restoration) a cost breakdown for project tasks must be submitted

for each project type as well as a detailed budget for the entire project. The budgets should include matching funds, if applicable.

Department policy does not normally allow for purchases of equipment. However, under certain circumstances and with adequate justification, the Department may approve such purchases, but any equipment approved under this PSN shall remain the property of the State of California. Final disposition of equipment purchased under an agreement shall be at the discretion of the State. For agreement purposes, equipment is defined as all moveable articles of non-expendable property which has:

1. A normal useful life including extended life due to repairs of 4 years or more.
2. An identity which does not change with use (i.e., it is not consumed by use or converted by fabrication into some other form of property).
3. A unit cost of \$500.00 or more; and used to conduct business in accordance with the agreement.

### **3. Project Location Topographic Map**

A legible 8.5 x 11" photocopy of original U.S. Geological Survey (USGS) 7.5-minute topographic quadrangle (quad) (or equivalent) maps centered on work sites must be provided with all project proposals. Proposals for education (ED, AE) must also include a map, but may substitute a legible 8.5 x 11" photocopy of an original, appropriately scaled, USGS (or equivalent) contoured topographic map that shows the watershed boundary. If a work site is near the edge or corner of a quad and USGS quad maps are being used, then adjacent quads must be spliced together before the photocopy is made. **Please identify all maps by the 7.5 USGS Quad map name.**

A project site is defined as an area, length, or point in which a specific restoration activity or activities take place. Many projects have multiple sites, such as an instream length. Each work site occupying less than 100 feet along a stream must be labeled with an arrow pointing to the site. Work sites occupying more than 100 feet of stream must be delimited with a label plus an arrow marked "U" pointing at the upstream end of the site and an arrow marked "D" pointing at the downstream end. Maps must also be labeled with project title, grantee name, USGS quad name and stream name, and be positioned so that relevant map information such as stream names, towns, main roads, water bodies, etc. are not obscured (Appendix B, page B8).

**All proposals for habitat restoration must also include a detailed plan-view diagram to scale (Appendix B, page B7) depicting all pertinent features of the project site.** The diagram will show the stream channel or other area of work, structure locations, distance to each project structure from a reference point, and other significant project and existing features. Applicants may use "typical" drawings if multiple similar physical improvements are proposed.

**Only projects within BDSFES geographic range  
will be considered for funding.**

### **4. Landowner Provisional Access Agreement**

**Proposed projects for any on-the-ground work must be submitted with written**

**provisional consent documents signed by landowners or authorized land managing authorities.** A sample Landowner Provisional Access Agreement is in Appendix B. Consent documents must include statements that landowners:

1. Are aware of the proposed project.
2. Give consent for pre-project evaluation by Department staff.
3. Give provisional consent for the grantee to complete the proposed project with Department oversight and visitation.

## **5. Environmental Compliance**

All funded proposals must comply with the California Environmental Quality Act (CEQA), Endangered Species Act (ESA) of 1973, and California Endangered Species Act (CESA). Applicants who receive funding for projects which are **not** described in the *California Salmonid Stream Habitat Restoration Manual, 3<sup>rd</sup> edition (California Department of Fish and Game)* will have the responsibility of developing the appropriate documentation for CEQA, ESA, and CESA compliance. An approved or certified CEQA document will be required prior to and in order to execute the project. CEQA documents include Environmental Impact Reports, Mitigated Negative Declarations, and CEQA functional equivalent documents such as Timber Harvesting Plans.

For applicants who receive funding for projects which **are** described in the *California Salmonid Stream Habitat Restoration Manual, 3<sup>rd</sup> edition (California Department of Fish and Game)*, the Department may act as lead agency for CEQA, ESA, and CESA. In all cases, it is the applicant's responsibility to develop project proposals that will avoid significant environmental impacts. **This includes budgeting sufficient time and/or funds in your proposal for any threatened and endangered species surveys and reasonable measures that may be needed to complete environmental compliance and the proposed project.** All applicants are strongly urged to work closely with appropriate Department staff to make certain all potential environmental concerns associated with your proposed project are considered. Email addresses and telephone numbers of Department personnel are included in Appendix C.

No project that is a required mitigation under CEQA, CESA, NEPA, the California Forest Practices Act (FPA), or Section 404 of the Clean Water Act (CWA) will be considered for funding.

Nothing in this provision shall be construed to exclude from state or federal funds, projects that are otherwise eligible for such funds that require compliance with CEQA, NEPA, Section 404 of the CWA, and/or CESA, and "legacy" projects. Legacy projects are defined as those projects that address historic management practices that have been usurped by new laws and regulations. An example of a legacy project is a water association dam that has been in place since the 1920's for which no single person is accountable for the dam and the restoration value of improving passage exceeds the value of non-legacy projects.

## **6. Water Law**

Funded proposals that address stream flows and water use shall comply with the California Water Code, as well as all applicable Fish and Game codes and regulations.

Any proposal that would require a change to water rights, including but not limited to bypass flows, point of diversion, location of use, purpose of use, off-stream storage, etc., shall demonstrate an understanding of the State Water Resources Control Board (SWRCB) processes, timelines, and costs necessary for project approvals by the SWRCB and the ability to meet those timelines within the term of a grant. In addition, any proposal modifying water rights for an adjudicated stream shall identify the required legal process for change as well as associated legal costs.

Prior to a water right purchase or lease, an appraisal of the value of the water right, conducted in compliance with Department of General Services Real Property Services Section specifications must be completed.

An applicant must demonstrate to the Department that they have a legal right to divert water by submitting a copy of a water right permit or license on file with the State Water Resources Control Board (SWRCB), or some other document that evidences the right. Applicants who divert water based on a riparian or pre-1914 water right must document their right to divert by submitting the information outlined below with their proposal.

1. A Statement of Water Diversion and Use that has been filed with the SWRCB. For applicants who have not filed a Statement of Water Diversion and Use, a copy of that form maybe obtained at [www.waterrights.ca.gov](http://www.waterrights.ca.gov). ***The Department will not accept a Statement of Water Diversion and Use unless it has been filed with the SWRCB.***
2. The average volume of water (in acre feet) diverted each month during the period of use at each point of diversion; the average volume of water applied at the place of use each month during the period of use from each point of diversion; a table that shows the number of acres irrigated for each parcel within the place of use; the average amount of water (in acre feet) applied per acre each month calculated by dividing the flow (in acre feet) at the place of use into the number of acres irrigated; all data, calculations, and any other information used to estimate the "duty of water"; the average irrigation requirements for the crops and/or pasture land at the place of use. Information regarding average irrigation requirements may be available from the Natural Resource Conservation Service, U.C. Extension, or in the Department of Water Resource's Bulletin 113; the method(s) used to apply the water to the crops and/or pasture land at the place of use; the type(s) of soil at the place of use; and a map that depicts the place of use, the boundaries of each parcel, each stream or river from which the water is diverted, and the location of each point of diversion on the stream or river.

## **7. Lake and Streambed Alteration Permits**

Fish and Game Code Section 1609 authorizes the Department to recover the total cost it incurs to administer and enforce its Lake and Streambed Alteration Program. The permit information and fee schedule are available at this website: <http://www.dfg.ca.gov/habcon/1600/>.

**Include the fee cost as a line item on the proposed project budget.**

## **8. Riparian Revegetation**

For projects resulting in disturbance within the riparian corridor that may deliver sediment to a class I or II channel, the grantee will be required to replant disturbed and compacted areas with native plant species at a ratio of 2 plants to 1 plant removed. The species should be used in the composition that will result in mature riparian vegetation found in the region. Unless otherwise specified in the agreement, the standard for success is 80% survival of plantings or 80% annual survival ground cover for broadcast planting of seed after a period of 3 years. Exposed soils will be appropriately covered to prevent delivery of sediment to a stream (i.e., mulching/seeding).

## **9. Stream Dewatering and Fish Exclusion**

Projects that require channel dewatering and/or fish exclusion will be responsible for securing dewatering and/or fish exclusion supplies (screens, nets, pumps, etc) and services (biologist with appropriate state and federal permits to relocate fish). The related expenses will be born by the grantee.

## **10. Funding Approval Submissions**

After applicants are notified of funding awards, a contract will be prepared and executed. Special requirements for various contracts are explained below. The applicable forms described in this section are for informational purposes only. When applicants are notified of approval for funding, they shall be required to complete, sign, and return the forms provided if not already on file.

- *Resolution of project approval* - If the applicant is a public entity, such as a resource conservation district, city, county, water agency, etc., that has a governing body, a resolution of project approval from the governing body will be a requirement of entering into an agreement. It is suggested that the governing body be made aware of the proposal and be prepared to submit the resolution when returning the signed agreement. Nonprofit organizations do not fall into this category.
- *Payee Data Record* form (STD. 204) - The State of California is required to file reportable payment information with the Internal Revenue Service (IRS) and the Franchise Tax Board (FTB) in accordance with Section 6041 of the IRS code and Section 18802 of the State's Revenue and Taxation Code. This form can be found at <http://www.documents.dgs.ca.gov/osp/pdf/std204.pdf>.
- *Federal Taxpayer ID Number*
- *Landowner Agreements* in addition to the Landowner Provisional Access Agreement will be required for habitat restoration projects (FC, HB, HI, RP).
- *Landowner Agreements* will be required for reasonable access by Department or its agents for project implementation, inspection, maintenance, monitoring, and post-project evaluation for a period of 10 years following completion of the project (Appendix B). Additional landowner agreement requirements apply by project type.
- A *Nondiscrimination Compliance Statement* form (STD. 19) will be required for

grants of \$5,000.00 or more per Title 2, California Code of Regulations, Section 8113. Federal and state agencies and public entities such as resource conservation districts are excluded from this requirement. This form can be found at <http://www.documents.dgs.ca.gov/osp/pdf/std019.pdf> .

- *A Drug-Free Workplace Certification* (STD. 21) will be required for all grants regardless of grant dollar amount. Federal and state agencies and public entities such as resource conservation districts are excluded from this requirement. This form can be found at <http://www.documents.dgs.ca.gov/osp/pdf/std021.pdf>.
- *Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion* (federal Form CE-512) will be required for awards using federal dollars in amounts exceeding \$100,000. This includes matching funds.
- *DVBE* - An explanation of the Disabled Veteran Enterprise Program (DVBE) requirements can be found at the Internet website [www.pd.dgs.ca.gov/dvbe](http://www.pd.dgs.ca.gov/dvbe). Select "DVBE Resource Packet" under "Quick Links". The DVBE package and the required submittal forms can be found at the Internet website [www.pd.dgs.ca.gov](http://www.pd.dgs.ca.gov) and select DVBE Participation Solicitation Package Attachment and Summary.

#### **11. Public Information**

Under Fish and Game Code, Section 1501.5 and Public Resources Code, Section 6217.1, the Department is authorized to collect information from applicants in order to process, track, and ensure completion of funded projects. All information requested on this application is mandatory unless otherwise indicated. An applicant's name and address may be provided to the public, if requested. Other personal information submitted on this application may be released to governmental entities involved with the funding of the project, to law enforcement agencies pursuant to a court order, or for official natural resources management purposes.

## PART III

### BAY-DELTA SPORT FISHING ENHANCEMENT STAMP PROGRAM PROPOSAL PROJECT TYPES AND SUBJECT AREAS

*(Proposals will be evaluated using evaluation criteria in Appendix D)*

#### **Public School Watershed and Fishery Conservation Education Projects (ED)**

Education projects eligible for consideration under this PSN are those that will assist public school education programs with instruction in watershed and fisheries conservation within the BDSFES geographic range. All educational materials should follow the National Project for Excellence in Environmental Education guidelines ([http://www.naaee.org/npeee/materials\\_guidelines/](http://www.naaee.org/npeee/materials_guidelines/)). Education proposals must teach or use Department acceptable methods and correspond to current California Department of Education Content Standards <http://www.cde.ca.gov/ci/> (and/or National Science Content Standards (<http://nap.edu/readingroom/books/nses/>)). Applicants are encouraged to tie their projects to the Department of Fish and Game's Natural Resources Education Messages <http://www.dfg.ca.gov/oceo/newsletter/2005/nremall.htm>.

Each proposal must include a detailed outline of concepts to be taught at specific grade level(s). Activities should address conditions of the local watershed and promote personal responsibility for watershed stewardship with the overarching goal of students, families, and communities understanding the nature of fisheries resources and the effects of their own and others' actions. The number of students, teachers, and community individuals trained (e.g. students taught) should be identified along with an estimated population of the target community. An estimate of the amount of time spent with participants should also be included (i.e. 8 one-hour class visits or a one-day three hour long environmental education fair). In addition, applicants should demonstrate and document the long-term impact of the proposed program or activity.

Applicants for this project type must include the following supplemental information as listed in the BDSFES Proposal Application Form (Appendix B, Section 8):

- A. Detailed project budget estimate reflecting all costs associated with the project and specifically designating costs to be covered by the grant request and costs to be covered by other sources (cost share).
- B. A map of the watershed involved in the educational process.
- C. Landowner provisional access agreement where access is necessary for completing any component of the project.
- D. Evaluation plan that will be used to evaluate the program's effectiveness in meeting specific objectives for both teachers and students. Describe in detail how gains in student knowledge will be measured. In addition, describe how the teacher(s) will be able to demonstrate whether the project has met their expectations and will be able to make programmatic recommendations that may impact design of future projects. This evaluation plan must provide the means to measure the project's success, such as pre- and post-testing, performance standards, or an assessment rubric (include examples of the surveys/tests to be used). It is mandatory that the successful recipient submit the results and analysis of their evaluation within a final report at the end of the project

period.

- E. A list of activities and curriculum used in the project and, if developing new activities or curriculum, a summary outlining the subject matter.

### **Angler Education and Information (AE)**

Angler education and information projects eligible for consideration under this PSN are those that will benefit anglers and fisheries resources within the BDSFES geographic range. These types of projects will inform and educate new and existing anglers about fisheries resources management, invasive species issues, and fisheries conservation issues. Types of projects may include, but are not limited to, brochures, booklets, informational kiosks, youth fishing programs, and educational videos.

Applicants for this project type must include the following supplemental information as listed in the Proposal Application Form (Appendix A, Section 8):

- A. Detailed project budget estimate reflecting all costs associated with the project and specifically designating costs to be covered by the project contract and costs to be covered by other sources (match or cost-share).
- B. Landowner provisional access agreement where access is necessary for completing any component of the project.
- C. Scaled plan view diagram showing the proposed work.
- D. A timeline for project completion, taking into consideration that final payment will be after completion.
- E. A general description of the conservation issue addressed, how the information will be presented, the quantity produced and how the materials will be distributed.

### **Habitat Acquisition and Conservation Easements (HA)**

Acquisition projects eligible for consideration under this PSN are those that will allow the acquisition of conservation easements or fee title to riparian buffer strips and flood plains along rivers and streams within the BDSFES geographic range to protect sport fisheries habitat.

This category also includes acquisition of easements, leases, or fee title for all projects developing fishing access to streams that have been previously closed to the public or to lands that are locally owned but have been closed to the public for lack of development or other site problems.

All real property shall be acquired from a willing seller and in compliance with current laws governing relocation and acquisition of real property by public agencies. Disbursement of funds may be subject to prior approval of fair market value by the State Department of General Services. The conservation easement must name the State of California, Department, or its designee, as an express third party beneficiary entitled to all of the rights and remedies of the easement holder under the easement. If a fee title or easement holder dissolves or elects to transfer its interest, that interest shall be transferred to the Department, or its designee, if the Department elects. Copies of all baseline information, reports and notices pursuant to or in connection with the conservation easement must be provided to the Department. No



amendment or modification of the conservation easement shall be effective unless approved in writing by Department.

Applicants applying for acquisition funding for conservation easements or fee title of riparian buffer strips must include the following information in the Project Description:

- Type of acquisition (conservation easement or fee title) and evidence of the owner's willingness to sell. Only acquisitions for which there is a willing seller will be considered.
- The current owner, address, legal description, and assessor's parcel number(s) of the subject property.
- A detailed narrative describing the subject property (i.e. how many linear stream miles or acres will be acquired), how the acquisition will protect and enhance fisheries habitat on the subject property (e.g. what types of habitat will be protected, including for what species, and specific trait of the habitat providing benefit, such as over-summering, spawning, rearing, etc.), and how any potential adverse impacts from surrounding land uses will be prevented. For fee title acquisitions, the narrative must also describe how and over what time period, the habitat protection and enhancement on the property will be assured.
- A description of how the acquisition will benefit sport fishing opportunities and anglers.
- Any known title restrictions or encumbrances that could adversely affect the proposed use, any permits or approvals from private parties or governmental authorities required for the acquisition; and any significant legal issues associated with the acquisition.
- A description of existing baseline information, such as what baseline information will be established (including who will be responsible, anticipated costs and funding sources), and who will hold, monitor, and enforce the easement (including anticipated costs and funding sources).
- Any known or suspected hazardous substances that could adversely affect the subject property.
- A narrative describing how the property will be managed and maintained, including who will be responsible, anticipated costs and funding sources, and whether or not public access will be allowed and provided..

Applicants for this project type must include the following supplemental information as listed in the Proposal Application Form (Appendix A, Section 8):

- A. Detailed project budget estimate reflecting all costs associated with the project and specifically designating costs to be covered by the grant request and costs to be covered by other sources (match or cost-share). The budget should quantify acquisition costs such as preliminary title reports, appraisals, negotiations, escrow, etc.
- B. Project location on a USGS, 7.5 minute topographic quadrangle map.
- C. Landowner provisional access agreement where access is necessary for completing any component of the project.

- D. A copy of the document that demonstrates the applicant's ownership or right to acquire the interest being proposed (e.g. conservation easement, appraisal, deed, acquisition agreement, etc.).
- E. Labeled photographs describing the subject property.
- F. Regional Assessor's and site-specific maps showing the location and boundaries of the subject property.
- G. Prior to review by the BDSFES Technical Review Team and Advisory Committee, a full narrative appraisal of the proposed interest (conservation easement or fee title), prepared pursuant to the "Uniform Standards for Professional Appraisal Practices," of the Appraisal Standards Board and compliance with Department of General Services Real Property Services Section specifications. The grant award shall be considered conditional, contingent upon an appraisal that is acceptable to the Department.

### **Instream Barrier Modification for Fish Passage (HB)**

Instream barrier projects eligible for consideration under this PSN are limited to work that is in the stream channel (bankfull) and along the stream bank. It is recommended that proposals under this category include the baseline data discussed in Parts II and III, of the *California Salmonid Stream Habitat Restoration Manual, 3<sup>d</sup> edition (California Department of Fish and Game)*. Instream barriers include grade control structures, dams, debris basins, weirs, water diversion structures, and log debris accumulations.

Applicants for this project type must include the following supplemental information (as listed in the Proposal Application Form (Appendix A Section 8)):

- A. Detailed project budget estimate reflecting all costs associated with the project and specifically designating costs to be covered by the grant request and costs to be covered by other sources (cost-share).
- B. Scaled plan and elevation view diagrams showing the proposed work. Projects where channel grade is to be restored or otherwise modified by the proposed project must also include a pre- and post-longitudinal profile.
- C. Project location on a USGS, 7.5 minute topographic quadrangle map.
- D. Landowner provisional access agreement where access is necessary for completing any component of the project.
- E. For a project that addresses issues related to the diversion, use, storage, or purchase of water, written verification of the right to divert, use, store, or sell or transfer the water.

### **Estuary and Instream Habitat Restoration (HI)**

Instream habitat restoration projects eligible for consideration under this PSN are limited to work in the stream channel (bankfull) and along the stream bank. It is recommended that proposals under this category include the baseline data discussed in Parts II and III, of the *California Salmonid Stream Habitat Restoration Manual, 3<sup>d</sup> edition (California Department of Fish and Game)*. Instream habitat restoration includes installation of instream structures such as boulder clusters, weirs, log and root wad structures, and tail-water control devices, etc.

Estuary habitat restoration projects eligible for consideration under this PSN may include: improvements of estuarine wetland tidal exchange or reestablishment of historic hydrology, dam or berm removal, breaching or removing levees, improving estuarine wetland and submerged aquatic plant communities, reintroduction of native species, control of invasive species, and establishment of riparian buffer zones in the estuary.

Applicants for this project type must include the following supplemental information as listed in the Proposal Application Form (Appendix A, Section 8):

- A. Detailed project budget estimate reflecting all costs associated with the project and specifically designating costs to be covered by the project contract request and costs to be covered by other sources (cost-share).
- B. A scaled plan view diagram showing the proposed work. Projects where channel grade is to be restored or otherwise modified by the proposed project, a longitudinal profile must also be included.
- C. Project location on a USGS, 7.5 minute topographic quadrangle map.
- D. Landowner provisional access agreement where access is necessary for completing any component of the project.

### **Research Projects (RP)**

Research projects eligible for consideration under this PSN are those that focus on the recovery, conservation, or management of Bay-Delta sport fish species or food-web species and result in recommendations for fisheries restoration and management actions. This could include, but is not limited to, description of species population abundance, recruitment, distribution, presence/absence, determination of limiting factors, specific issues association with the Pelagic Organism Decline, toxins and their impacts to fish populations, and biological response to habitat availability. Approved projects and funding will focus on sport fish species and their associated food webs.

Applicants must demonstrate qualifications for conducting the proposed research project and provide a list of researchers participating in the study and their qualifications. Upon completion of the project, the successful grantee will be required to present a written final report and an oral presentation of the study results to the BDSFES Advisory Committee and the Department.

Applicants for research project must include the following information in the Project Description:

- A description of the fisheries or management issues addressed by this proposal and necessity of the research, including how results would benefit management of sport fisheries;
- Project goals and measurable project objectives;
- A description of baseline conditions;
- A detailed study design, including statistical and methodological design;
- A description of data collection and analysis;

- Proposed post-project evaluation; and
- Qualifications of the research team;
- If the project is to be done by employees of the Department of Fish and Game, a Work Plan Detail Checklist must be completed and included. The checklist may be found on the DFG Intranet at:  
<http://dfgintranet/Portal/LinkClick.aspx?fileticket=DdTRQgEzNR4%3d&tabid=124>

Applicants for this project type must include the following supplemental information as listed in the Proposal Application Form (See Appendix A, Section 8):

- Detailed project budget estimate reflecting all costs associated with the project and specifically designating costs to be covered by the grant request and costs to be covered by other sources (cost-share).
- Project location on a USGS 7.5 minute topographic quadrangle map.
- Landowner provisional access agreement where access is necessary for completing any component of the project.
- Outline of a Quality Assurance and Quality Control (QA/QC) Plan that will ensure the validity and consistency of data collected, analyzed, and archived under the proposed project.

### **Fisheries Conservation (FC)**

Fisheries conservation projects eligible for consideration under this PSN are those that will restore, protect, or enhance sport fish populations and their habitat within the BDSFES geographic range. Projects may include, but are not limited to; water purchase/lease; water quality improvements, and fish marking and tagging. Proposals must contribute to the management and conservation of Bay-Delta sport fisheries.

Applicants for this project type must include the following supplemental information as listed in the Proposal Application Form (Appendix A, Section 8):

- Detailed project budget estimate reflecting all costs associated with the project and specifically designating costs to be covered by the grant request and costs to be covered by other sources (cost-share).
- Project location on a USGS, 7.5 minute topographic quadrangle map.
- Landowner provisional access agreement where access is necessary for completing any component of the project.
- For a project that addresses issues related to the diversion, use, storage, or purchase of water, written verification of the right to divert, use, store, or sell or transfer the water is required.