

# Klamath River Restoration Grant Program

## APPENDIX D

### PROPOSAL EVALUATION and SCORING PROTOCOLS

Cost Analysis Evaluation .....	D2
Fish Passage at Stream Crossings (FP) and Fish Ladders (FL) .....	D3
Instream Habitat Restoration (HI), Barrier Modification For Passage (HB).....	D4
Engineering and Restoration Project Planning (PL).....	D5
Fish Screens (SC) .....	D6
Water Conservation Measures (WC) Ditch Lining, Piping, Stock Water Systems and Stock Water Systems.....	D7
Water Measuring Devices (WD)... ..	D8
Water Purchase (WP).....	D9

## Cost Analysis Evaluation

Evaluation of project cost analysis will include the following:

- Comparison of wages, equipment rates, material costs, and other project costs for similar completed and proposed project work within similar geographic regions.
- Review of labor costs identified by Department of Industrial Relations General Prevailing Wage Determinations (<http://www.dir.ca.gov/>), Davis-Bacon labor rates (<http://www.access.gpo.gov/davisbacon/>), and recent California Employment Development Department wage data (<http://www.labormarketinfo.edd.ca.gov/cgi/career/?PAGEID=3&SUBID=152>).
- Review of regional equipment rental cost information (including the most current version of California Department of Transportation's (CalTrans), *Labor Surcharge and Equipment Rental Rates* publication (<http://www.dot.ca.gov/hq/construc/equipmnt.html>)).
- Restoration costs, labor requirements, and production rates identified in the *Recovery Strategy for California Coho Salmon*, DFG 2004 ([http://www.dfg.ca.gov/nafwb/pubs/2004/CohoRecovery/22.I\\_CostAndSocioeconomicImpacts.pdf](http://www.dfg.ca.gov/nafwb/pubs/2004/CohoRecovery/22.I_CostAndSocioeconomicImpacts.pdf)).

Cost analysis evaluation will consider project logistics (e.g. site remoteness, accessibility, coordination required with multiple land holdings), review of production rates/labor requirements in the regional area, and benefit to the recovery of anadromous salmonids.

## Fish Passage at Stream Crossings (FP) and Fish Ladders (FL)

Proposal#: \_\_\_\_\_ Region: \_\_\_\_\_ Reviewer: \_\_\_\_\_ Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

Proposal Name: \_\_\_\_\_

### Scientific and Technical Review

Initial score is 5. Points are deducted when the proposed project does not correspond to or meet the intent of the PSN. Final score range: 6 (High) to 0.

	Circle one			
	Yes	Med	Low	No
Proposal demonstrates that the project proponent/organization has the qualifications, experience, and capacity to perform the proposed tasks (including sub-contracts).	0	-0.5	-1	-5
Proposal includes information required in PSN Section III. (Yes = all supplemental information is included, Low = missing one or more pieces of supplemental information, No = no supplemental information included)	0		-1	-2
The proposed project meets DFG and NOAA Fisheries fish passage criteria (see Part IX, Appendix A and B). Yes = Unimpeded passage for adults and juveniles; Med = Improves passage but does not meet criteria under some high or low flows; No = Project will not meet fish passage criteria	0	-1		-5
The project design has been favorably reviewed by a DFG or NOAA Fisheries Hydraulic Engineer and design determined to be appropriate (retrofit projects or fish ladders require field review). Yes = 0; No = -5	0			-5
Project budget is appropriate to the work proposed and the potential results gained.	0	-1	-2	-5
The proposed project or its results are identified as high priority for the Klamath River Restoration Grant Program. (See PSN page 1, for specific guidance.)	+1			0
Fish passage assessment (Red, Gray, Green) completed using the protocol in the <i>California Salmonid Stream Habitat Restoration Manual</i> , Part IX, and barrier determined to be: Red or Gray = 0; Green or No Survey = -5	0			-5
For Gray barriers, extent of barrier to anadromous adults over range of migration flows (% passable per Fish Xing) 1-33% = 0; 34-66% = -0.5; 67-99% = -0.75; unknown = -1	0	-0.5	-0.75	-1
For Gray barriers, extent of barrier to anadromous juveniles over range of migration flows (% passable per Fish Xing) 1-33% = 0; 34-66% = -0.5; 67-99% = -0.75; unknown = -1	0	-0.5	-0.75	-1
Salmonids benefited – Chinook/coho/steelhead = 0; coho/steelhead = -0.25; steelhead = -1	0	-0.25		-1
A survey on the target stream substantiates the quantity of the habitat upstream of the barrier. > 1 mile = 0; 1 to 0.5 mile = -0.25; 0.5 to 0.25 mile = -0.5; < 0.25 mile = -2. (Habitat Restoration Manual Part IX)	0	-0.25	-0.5	-2
A survey on the target stream substantiates the quality of the habitat upstream of the barrier. Excellent/Good = 0; Fair = -0.5; Poor = -0.75 unknown = -2. (Habitat Restoration Manual Part IX)	0	-0.5	-0.75	-2
For FL projects: Included is a copy of the fee title appropriated or adjudicated water ownership title, deed, or other document that demonstrates the validity of ownership for the water rights being proposed or modified.	0			-2
<b>For Proposed Barrier Removal</b>				
For Gray barriers, identify the crossing size for flow event and the risk of failure of the existing crossing: ≤25 year flow = 0; >25 to ≤50 year flow = -0.5; >50 year flow = -0.75; unknown = -2.	0	-0.5	-0.75	-2
For Gray barriers crossing condition: extremely poor or poor = 0; fair = -0.25; good = -0.5; unknown=-2	0	-0.25	-0.5	-2
Documented absence of other downstream barriers or a coordinated plan to identify and treat the barriers; no barriers below =0; barrier below with a plan to identify and treat = -0.5; barrier below with no plan to identify or treat = -1	0	-0.5		-1

Field Review conducted: Yes  No

Final Score (lowest score possible = 0): \_\_\_\_\_

**Instream Habitat Restoration (HI),  
Barrier Modification for Fish Passage (HB)**

Proposal#: \_\_\_\_\_ Region: \_\_\_\_\_ Reviewer: \_\_\_\_\_ Date: \_\_\_/\_\_\_/\_\_\_

Proposal Name: \_\_\_\_\_

**Scientific and Technical Review**

Initial score is 5. Points are deducted when the proposed project does not correspond to or meet the intent of the PSN. Final score range: 6 (High) to 0.

	Circle one			
	Yes	Med	Low	No
Proposal demonstrates that the project proponent/organization has the qualifications, experience, and capacity to perform the proposed tasks (including sub-contracts).	0	- 0.5	-1	-5
Proposal includes information required in PSN Section III, (Yes = all supplemental information is included, Low = missing one or more pieces of supplemental information, No = no supplemental information included)	0		-1	-2
Project budget is appropriate to the work proposed and the potential results gained.	0	-1	-2	-5
The proposed project or its results are identified as high priority for the Klamath River Restoration Grant Program. (See PSN page 1, for specific guidance.)	+1			0
Instream limiting factors have been identified within the watershed: (Such as Spawning, Over-winter habitat, Summer Rearing, Escape Cover, Passage, etc) as a priority based in: Yes = complete watershed assessment; Med = habitat inventory report or equivalent; Low = reach level survey; No = no plan/survey	0	-0.25	-1	-2
Salmonids benefited – Chinook/coho/steelhead = 0; coho/steelhead = -0.25; steelhead = -1	0	-0.25		-1
Extent to which proposed project corrects key limiting factor identified within the watershed Yes =all; Med = most; Low = some; No = none	0	-0.25	-0.5	-1
<b>Field Level Review – Technique, location, application</b>				
The problems have been adequately identified and the techniques proposed are appropriate for the channel type (according to Part VII). Yes = all; Med = some; Low = few; or No = none	0	-0.5	-1	-2
The project will utilize DFG acceptable techniques as described in the manual. (Part VII)	0	-0.5	-1	-2
Project materials utilized are the appropriate size, type, and species for the stream zone (active channel, floodplain, and upland) and watershed.	0	-0.5	-1	-2

Field Review conducted: Yes  No

Final Score (lowest score possible = 0): \_\_\_\_\_

## Engineering and Restoration Project Planning (PL)

Proposal#: \_\_\_\_\_ Region: \_\_\_\_\_ Reviewer: \_\_\_\_\_ Date: \_\_\_/\_\_\_/\_\_\_

Proposal Name: \_\_\_\_\_

### Scientific and Technical Review

Initial score is 5. Points are deducted when the proposed project does not correspond to or meet the intent of the PSN. Final score range: 6 (High) to 0.

	Circle one			
	Yes	Med	Low	No
Proposal demonstrates that the project proponent/organization has the qualifications, experience, and capacity to perform the proposed tasks (including sub-contracts).	0	-0.5	-1	-5
Project will utilize DFG acceptable protocols listed in PSN Appendix A.	0	-0.5	-1	-5
Project budget is appropriate to the work proposed and the potential results gained.	0	-1	-2	-5
If there are significant social issues associated with successful restoration of the watershed, the proposal adequately addresses those issues, or references a prior document adequately addressing those issues.	0			-5
The proposed project or its results are identified as high priority for Klamath River Restoration Grants funding (See PSN page 1, for specific guidance.)	+1			0
Proposal includes information required in PSN Section III. (Yes = all supplemental information is included, Low = missing one or more pieces of supplemental information, No = no supplemental information included)	0		-1	-2
Benefited salmonids – Chinook/coho/steelhead = 0; coho/steelhead = -0.25; steelhead = -1.	0	-0.25		-1
Degree to which proposed project will develop implementation project(s) (for restoration project planning) Implementation directly after this project (= 0), other project development needed before implementation (= -1)	0			-1
The proposed deliverables include plans, reports, databases, maps, and outreach efforts and will effectively convey limiting factors and prioritized solutions to landowners and other interested people.	0	-0.5	-1	-2
Proposal documents sufficient local landowner interest for plan implementation. or a detailed description of how landowner support will be secured.	0	-0.5	-1	-2

Field Review conducted: Yes  No

Final Score (lowest score possible = 0): \_\_\_\_\_

## Fish Screening of Diversions (SC)

Proposal#: \_\_\_\_\_ Region: \_\_\_\_\_ Reviewer: \_\_\_\_\_ Date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_

Proposal Name: \_\_\_\_\_

**Scientific and Technical Review**

Initial score is 5. Points are deducted when the proposed project does not correspond to or meet the intent of the PSN. Final score range: 6 (High) to 0.

	Circle one			
	Yes	Med	Low	No
Proposal demonstrates that the project proponent/organization has the qualifications, experience, and capacity to perform the proposed tasks (including sub-contracts).	0	-0.5	-1	-5
Proposal includes information required in PSN Section III, (Yes = all supplemental information is included, Low = missing one or more pieces of supplemental information, No = no supplemental information included)	0		-1	-2
Water right has been determined (documentation provided), flow monitored by a gage at the screen, and diversion will be operated in compliance with water rights regulations.	0			-5
Project budget is appropriate to the work proposed and the potential results gained.	0	-1	-2	-5
Proposed screen meets DFG and NOAA Fisheries screening criteria including structure placement; construction materials; approach velocity; sweeping velocity; cleaning requirements; screen opening; and bypass design.	0			-5
The proposed project or its results are identified as high priority for the Klamath River Recovery Grants Program funding (See PSN page 1 for specific guidance).	+1			0
Benefited salmonids – Chinook/coho/steelhead = 0; coho/steelhead = -0.25; steelhead = -1	0	-0.25		-1
Limiting factors, have been identified within the watershed: (Such as Entrainment, Spawning, Over-winter habitat, Summer Rearing, Escape Cover, Passage, etc) as a priority based in: Yes = complete watershed assessment; Med = habitat inventory report or equivalent; Low = reach level survey; No = no plan/survey	0	-0.25	-1	-2
Included is a copy of the fee title appropriated or adjudicated water ownership title, deed, or other document that demonstrates the validity of ownership for the water rights being proposed or modified.	0			-1
A survey on the target stream substantiates benefit to anadromous salmonids.	0			-1
Project implemented and operated using BMP's approved by DFG and/or NOAA Fisheries.	0			-1
Screen will be in operation when diverting water and salmonids are present.	0			-1
If the screen site is in the water diversion conduit, a water control structure is in-place at the diversion head or built as part of the project.	0			-1

Final Score (lowest score possible = 0): \_\_\_\_\_

## Water Conservation Measures (WC) Ditch Lining, Piping, and Stock Water Systems

Proposal#: \_\_\_\_\_ Region: \_\_\_\_\_ Reviewer: \_\_\_\_\_ Date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_

Proposal Name: \_\_\_\_\_

### Scientific and Technical Review

Initial score is 5. Points are deducted when the proposed project does not correspond to or meet the intent of the PSN. Final score range: 6 (High) to 0.

	Circle one			
	Yes	Med	Low	No
Proposal demonstrates that the project proponent/organization has the qualifications, experience, and capacity to perform the proposed tasks (including sub-contracts).	0	-0.5	-1	-5
Proposal includes information required in PSN Section III. (Yes = all supplemental information is included, Low = missing one or more pieces of supplemental information, No = no supplemental information included)	0		-1	-2
Project budget is appropriate to the work proposed and the potential results gained.	0	-1	-2	-5
The proposed project or its results are identified as high priority for the Klamath River Restoration Grants Program funding (See PSN page 1, for specific guidance).	+1			0
Benefited salmonids – Chinook/coho/steelhead = 0; coho/steelhead = -0.25; steelhead = -1	0	-0.25		-1
Instream limiting factors, have been identified within the watershed: (Such as Flow, Spawning, Over-winter habitat, Summer Rearing, Escape Cover, Passage, etc) as a priority based in: Yes = complete watershed assessment; Med = habitat inventory report or equivalent; Low = reach level survey; No = no plan/survey	0	-0.25	-1	-2
A survey on the target stream substantiates the quality and quantity of the habitat. Excellent/Good = 0; Fair = -0.5; Poor = -0.75 unknown = -3.	0	-0.5	-0.75	-3
Reduced water quality or quantity from water extraction or tail water documented by, and determined to be, degrading to salmonid habitat by a qualified biologist/hydrologist.	0			-1
Water saved or returned to the stream from the project will be available during the times of year when it will provide the greatest benefit to salmonid habitat.	0			-1
Water losses and potential savings realized through project implementation, identified by a qualified party.	0			-1
Included is a copy of the fee title appropriated or adjudicated water ownership title, deed, or other document that demonstrates the validity of ownership for the water rights being proposed or modified.	0			-2
Project or diversion will be implemented and operated using BMP's approved by DFG and/or NOAA Fisheries and in compliance with water rights regulations.	0			-1

Final Score (lowest score possible = 0): \_\_\_\_\_

## Water Measuring Devices (WD)

Proposal#: \_\_\_\_\_ Region: \_\_\_\_\_ Reviewer: \_\_\_\_\_ Date: \_\_\_/\_\_\_/\_\_\_

Proposal Name: \_\_\_\_\_

### Scientific and Technical Review

Initial score is 5. Points are deducted when the proposed project does not correspond to or meet the intent of the PSN. Final score range: 6 (High) to 0.

	Circle one			
	Yes	Med	Low	No
Proposal demonstrates that the project proponent/organization has the qualifications, experience, and capacity to perform the proposed tasks (including sub-contracts).	0	-0.5	-1	-5
Proposal includes information required in PSN Section III. (Yes = all supplemental information is included, Low = missing one or more pieces of supplemental information, No = no supplemental information included)	0		-1	-2
Project budget is appropriate to the work proposed and the potential results gained.	0	-1	-2	-5
The proposed project or its results are identified as high priority for the Klamath River Restoration Grants Program funding (See PSN page 1, for specific guidance).	+1			0
Benefited salmonids – Chinook/coho/steelhead = 0; coho/steelhead = -0.25; steelhead = -1	0	-0.25		-1
Instream limiting factors, have been identified within the watershed: (Such as Flow, Spawning, Over-winter habitat, Summer Rearing, Escape Cover, Passage, etc) as a priority based in: Yes = complete watershed assessment; Med = habitat inventory report or equivalent; Low = reach level survey; No = no plan/survey	0	-0.25	-1	-2
Reduced water quality or quantity from water extraction documented by a qualified party and determined to be degrading to salmonid habitat by a qualified biologist, or the intent of the water measuring device is to help manage water diversions in order to avoid or minimize impacts to fisheries.	0			-1
Instream gages positioned to track mainstem flow as well as tributaries that contribute flow for fish recovery.	0			-1
Gage installed in conjunction with a SC, WC or WP project	0			-1
Project incorporates a gage, monitored using acceptable protocols.	0			-1

Final Score (lowest score possible = 0): \_\_\_\_\_

## Water Lease/Purchase (WP)

Proposal#: \_\_\_\_\_ Region: \_\_\_\_\_ Reviewer: \_\_\_\_\_ Date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_

Proposal Name: \_\_\_\_\_

**Scientific and Technical Review**

Initial score is 5. Points are deducted when the proposed project does not correspond to or meet the intent of the PSN. Final score range: 6 (High) to 0.

	Circle one			
	Yes	Med	Low	No
Proposal demonstrates that the project proponent/organization has the qualifications, experience, and capacity to perform the proposed tasks (including sub-contracts).	0	-0.5	-1	-5
Proposal includes information required in PSN Section III. (Yes = all supplemental information is included, Low = missing one or more pieces of supplemental information, No = no supplemental information included)	0		-1	-2
Project budget is appropriate to the work proposed and the potential results gained.	0	-1	-2	-5
Proof of the owner's willingness to sell provided.	0			-5
The proposed project or its results are identified as high priority for the Klamath River Restoration Grants Program funding (See PSN page 1, for specific guidance).	+1			0
Benefited salmonids - Chinook/coho/steelhead = 0; coho/steelhead = -0.25; steelhead = -1	0	-0.25		-1
Instream limiting factors, have been identified within the watershed: (Such as Flow, Spawning, Over-winter habitat, Summer Rearing, Escape Cover, Passage, etc) as a priority based in: Yes = complete watershed assessment; Med = habitat inventory report or equivalent; Low = reach level survey; No = no plan/survey	0	-0.25	-1	-2
A survey on the target stream substantiates the quality and quantity of the habitat. Excellent/Good = 0; Fair = -0.5; Poor = -0.75 unknown = -3.	0	-0.5	-0.75	-3
Proposal describes who will manage the acquisition, how the acquisition will be managed, and how the water rights purchase, lease, or easement will protect and enhance salmon habitat.	0			-1
Included is a narrative describing current use, diversion, basis for determining the amount of flow available, and how the proposed additional flow will be measured. Any facilities that may require removal or renovation for flows to enter the stream are described.	0			-1
Included is a survey of surrounding landowners and downstream users and a narrative describing how the water rights purchase or lease will impact downstream users, and how surrounding land use and downstream impacts will be mitigated. Also include are any rights or claims downstream users may have to flow. If proposal is based on cooperative purchase agreements, a list of cooperators is provided.	0			-1
Included is a copy of the fee title appropriated or adjudicated water ownership title, deed, or other document that demonstrates the validity of ownership for the water rights being proposed; and a valuation, including a description of the basis for that valuation.	0			-2
Included is a narrative of who will hold and monitor the water rights purchase or lease, establish baseline information, and maintain monitoring records.	0			-1
An appraisal is included.	0			-1

Final Score (lowest score possible = 0): \_\_\_\_\_