

# Project Proposal Request for FY 2007 - FY 2009 Funding

## Proposal 200732100: CBFWA Fish Passage Technical Services

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#### Section 1: General Administrative Information

Process Information:	Date Proposal Submitted & Finalized	Status	Form Generator
	January 5, 2006	Finalized	Brian Lipscomb
Proposal Type:	New		
Proposal Number:	200732100		
Proposal Name:	CBFWA Fish Passage Technical Services		
Agency, Institution or Organization:	Columbia Basin Fish & Wildlife Authority (CBFWA)		
Short Description:	Coordinate anadromous and resident fish monitoring and research in response to FCRPS operations and provide reporting and analyses to support regional decision making.		
Information Transfer:	CBFWA collects and disseminates information via our website ( <a href="http://www.cbfgwa.org">www.cbfgwa.org</a> ), electronic mailings, annual and one time reports, and through advertised public meetings.		

### Project Proposal Contacts

Contact	Organization	Address	Phone/Email	Roles	Notes
<b>Form Submitter</b>					
Brian Lipscomb	Columbia Basin Fish & Wildlife Authority	851 SW Sixth Avenue, Suite 260 Portland OR 97204	<i>Ph:</i> 503.229.0191 <i>Fax:</i> 503.229.0443 <i>Email:</i> brian.lipscomb@cbfwa.org	Form Submitter	This login will be used by CBFWA staff for developing and editing proposals
<b>All Assigned Contacts</b>					
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## Section 2: Project Location

Sponsor Province: Mainstem/Systemwide	ARC Province: No Change
Sponsor Subbasin: Systemwide	ARC Subbasin: No Change
Latitude Longitude Waterbody Location Description	County/State Subbasin Primary?
Our office is conveniently located in Portland; however, our efforts will benefit the entire Columbia River Basin.	Multnomah, Oregon None Selected Yes

## Section 3: Focal Species

Primary	Secondary	Additional Species
All	Anadromous Fish Resident Fish	

## Section 4: Past Accomplishments for Each Fiscal Year of This Project

This proposal is for funding a new project, and has no past accomplishments.

## Section 5: Relationships to Other Projects

Funding Source	Related ID	Related Project Title	Relationship
BPA	[no entry]	All hatchery projects	Maintain real time Fish Passage Center hatchery data base to support analysis and operations requests by the state, federal and tribal fish and wildlife managers.
BPA	[no entry]	Evaluation of the Biological Effects of the Northwest Power and Conservation Council's Mainstem Amendment on the Fisheries Upstream and Downstream of Hungry Horse and Libby Dams, Montana.	This proposal will be closely coordinated with MDFWP's resident fish project
BPA	[no entry]	All smolt monitoring/passage evaluation projects	This proposal will be closely coordinated with all smolt passage monitoring and research projects
BPA	198712700	Smolt Monitoring By Non-Feder	Design, implementation, data management of the SMP to support state, federal and tribal fishery managers operations requests, passage analysis, short and long-term decisions regarding fish passage. Project will be administered through CBFWA contract and will be integrated into this contract over the long term.
BPA	198906201	Annual Work Plan CBFWA	
BPA	199008000	Columbia Basin Pit-Tag Informa	The SMP, CSS projects and agencies and tribes
BPA	199403300	Fish Passage Center	Replaces this project
BPA	199602000	Pit Tagging Spring/Summer Chin	Provide technical support, analysis to the agencies and tribes collaborating on this study, key participant in the CSS Oversight Committee.
BPA	200303600	CBFWA Monitor/Eval Program	Coordination
BPA	200304700	Data Management Placeholder	Data management will be regionally coordinated with NED, NOAA, and others
BPA	200400200	PNAMP Funding	Coordination of data protocols

## Section 6: Biological Objectives

Biological Objective	Full Description	Associated Subbasin Plan	Strategy	Page Nos
Improve survival for fish affected by FCRPS.	This project will gather, organize, analyze and make widely available data that will support improved operations of the FCRPS.	None	Addresses out of basin affects in all subbasin plans.	[Pg no blank]

## Section 7: Work Elements and Associated Biological Objectives

Work Element Name	Work Element Title	Start Date	End Date	Estimated Budget
1a: Create/Manage/Maintain Database	Manage, maintain real time and historical fish and operations information	12/1/2006	11/30/2009	\$243,800
<b>Description</b>				
Project staff will provide acquisition protocols and database management to preserve historic data and insure addition of new data in consistent formats. Staff will provide routine archiving and data backup on tape with copies sent monthly to BPA.				
<b>Biological Objectives</b>		<b>Metrics</b>		
<i>No Biological Objectives Associated with this Work Element</i>		<i>No Metrics for this Work Element</i>		
1b: Submit/Acquire Data	Maintain long term data base in support of analysis/data requests	12/1/2006	11/30/2009	\$177,800
<b>Description</b>				
This task addresses the data management and maintenance function for the SMP and GBT data and other historical data sets presently housed at the FPC and additional data as requested, including resident fish data.				
<b>Biological Objectives</b>		<b>Metrics</b>		
<i>No Biological Objectives Associated with this Work Element</i>		<i>No Metrics for this Work Element</i>		
1c: Collect/Generate/Validate Field and Lab Data	CSS and SMP Site data	12/1/2006	11/30/2009	\$302,800
<b>Description</b>				
Collect and validate all field data to insure accuracy, consistency, and continuity with historic data base.				
<b>Biological Objectives</b>		<b>Metrics</b>		
<i>No Biological Objectives Associated with this Work Element</i>		<i>No Metrics for this Work Element</i>		
1d: Disseminate Raw/Summary Data and Results	Provide internet access to data	12/1/2006	11/30/2009	\$199,712
<b>Description</b>				
Project staff will provide internet access to all data stored in the SQL server, , and metadata documentation, via HTTP or FTP protocols.				
<b>Biological Objectives</b>		<b>Metrics</b>		
<i>No Biological Objectives Associated with this Work Element</i>		<i>No Metrics for this Work Element</i>		
1e: Submit/Acquire Data	Support hatchery database	12/1/2006	11/30/2009	\$66,570
<b>Description</b>				
Provide coordination, web assembly and maintenance of the hatchery database. This requires weekly contact with the hatchery personnel throughout the basin to discuss production and release plans, modifications, and updates and entering these data into the web interface database. These numbers can be provided to river and fish managers to aid real-time management.				
<b>Biological Objectives</b>		<b>Metrics</b>		
<i>No Biological Objectives Associated with this Work Element</i>		<i>No Metrics for this Work Element</i>		
2a: Coordination	Fish Passage Advisory Committee	12/1/2006	11/30/2009	\$199,712
<b>Description</b>				
Provide a Fish Passage Advisory Committee coordinator to facilitate meetings, , and provide support to the committee.				
<b>Biological Objectives</b>		<b>Metrics</b>		
<i>No Biological Objectives Associated with this Work Element</i>		<i>No Metrics for this Work Element</i>		
2b: Analyze/Interpret Data	Analyses of fish passage and other data	12/1/2006	11/30/2009	\$312,800
<b>Description</b>				

Routine analysis and reporting will rely primarily on website access to real-time data queries and summaries, with an annual report to summarize and analyze the year's results. Analyze, summarize and interpret fish passage data resulting from the SMP and CSS, as well as data available from other sources to address basin wide as well as project specific fish passage issues and the implementation of research and monitoring results to hydrosystem and fish passage management actions.

**Biological Objectives***No Biological Objectives Associated with this Work Element***Metrics***No Metrics for this Work Element*

2c: Disseminate Raw/Summary Data and Results	Response to requests for information from agencies, tribes and the public at large	12/1/2006	11/30/2009	\$133,141
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**Description**

Provide technical support and information for use by agencies, tribes and other entities in other forums to inform annual and in-season system operation requests.

**Biological Objectives***No Biological Objectives Associated with this Work Element***Metrics***No Metrics for this Work Element*

2d: Produce Status Report	Weekly reports	12/1/2006	11/30/2009	\$312,854
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**Description**

Provide weekly updates of river and fish information including passage conditions, river conditions, stream flow, spill, precipitation, smolt transportation, adult passage counts, past and future bi-weekly hatchery release reports, dissolved gas, smolt monitoring, and daily passage indices by species and site.

**Biological Objectives***No Biological Objectives Associated with this Work Element***Metrics***No Metrics for this Work Element*

2e: Produce Annual Report	Annual Reports	12/1/2006	11/30/2009	\$302,854
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**Description**

The project will produce four annual reports; the CSS Annual Status Report, summarizing the adult returns, survivals, smolt to adult returns from CSS mark groups; the Annual Report summarizing river operations, migration characteristics and the juvenile and adult migration, hatchery production and adult returns; the juvenile and adult passage facilities annual report, and the dissolved gas water quality report.

**Biological Objectives***No Biological Objectives Associated with this Work Element***Metrics***No Metrics for this Work Element*

3a: Coordination	Coordinate Implementation of the Smolt Monitoring Program	12/1/2006	11/30/2009	\$312,854
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**Description**

Working with all active participants, implement the sampling plan as described in available manuals and provide training on data collection parameters and protocols, and provide capabilities for daily data uploads from remote monitoring sites.

**Biological Objectives***No Biological Objectives Associated with this Work Element***Metrics***No Metrics for this Work Element*

3b: Coordination	Coordinate logistics for CSS study	12/1/2006	11/30/2009	\$199,740
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**Description**

Coordinate marking and logistics for the joint collaborative agencies and tribes Comparative Survival Study.

**Biological Objectives***No Biological Objectives Associated with this Work Element***Metrics***No Metrics for this Work Element*

3c: Produce Plan	Work Plans for CSS and SMP	12/1/2006	11/30/2009	\$292,854
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**Description**

Work with CSS Oversight Committee to develop an annual plan, study design, marking requirements and resulting budget requirements. Work with FPAC to develop an annual plan, study design, marking requirements and resulting budget for SMP.

Biological Objectives

Metrics

*No Biological Objectives Associated with this Work Element*

*No Metrics for this Work Element*

3d: Coordination                      Fishway Inspections                      12/1/2006 11/30/2009                      \$133,141

Description

The Fish Facilities Inspection Program is funded by the state and federal fishery managers and is included to reflect the intention that the services and products formerly provided by the FPC continue to be provided to the agencies and tribes. CBFWA staff will follow the facility inspection schedule and coordination with state and federal facilities inspectors according to the memorandum of agreement among the funding entities.

Biological Objectives

Metrics

*No Biological Objectives Associated with this Work Element*

*No Metrics for this Work Element*

3e: Produce Environmental                      CSS and SMP Environmental                      12/1/2006 11/30/2009                      \$66,570  
Compliance Documentation                      permitting and reporting

Description

Develop and apply for Section 10 ESA permit for the SMP, implementing the SMP according to ESA permit requirements and complete the reporting requirements for the permit.

Biological Objectives

Metrics

*No Biological Objectives Associated with this Work Element*

*No Metrics for this Work Element*

3f: Provide Technical Review                      Provide technical support and review                      12/1/2006 11/30/2009                      \$166,570  
for agencies and tribes on the water                      quality committee

Description

Provide technical assistance for the agencies and tribes for development and review of the annual water quality report for NOAA, USACE, and the state water quality agencies.

Biological Objectives

Metrics

*No Biological Objectives Associated with this Work Element*

*No Metrics for this Work Element*

3g: Manage and Administer Projects                      Management & Administration of fish                      12/1/2006 11/30/2009                      \$585,100  
and system operations monitoring tasks

Description

Provide administrative and oversight services which include preparing proposals, contract statement of work, budget, accrual estimates, and BPA billings.

Biological Objectives

Metrics

*No Biological Objectives Associated with this Work Element*

*No Metrics for this Work Element*

3h: Develop RM&E Methods and                      Design Development for CSS and SMP                      12/1/2006 11/30/2009                      \$180,000  
Designs

Description

Develop study designs for fish sampling and marking.

Biological Objectives

Metrics

*No Biological Objectives Associated with this Work Element*

*No Metrics for this Work Element*

Provide Technical Review                      Provide technical support and review                      12/1/2006 11/30/2009                      \$450,000  
for agencies and tribes as requested.

Description

As requested will provide technical reviews of research designs, research results, reports and proposed actions, by any regional party. This includes reviewing research proposals, analysis and results applicable to fish passage management issues and providing technical assistance, analysis, and data as requested as requested by the agencies and tribes.

Biological Objectives

Metrics

*No Biological Objectives Associated with this Work Element*

*No Metrics for this Work Element*

Biological Objectives

Metrics

*No Biological Objectives Associated with this Work Element*

*No Metrics for this Work Element*

## Section 8: Budget

### Itemized Estimated Budget

Item	Note	FY 2007 Cost	FY 2008 Cost	FY 2009 Cost
Personnel	12 FTE	\$816,396	\$849,052	\$883,014
Fringe Benefits	[blank]	\$371,460	\$386,318	\$401,771
Supplies	Other Direct Costs	\$46,132	\$47,977	\$49,896
Travel	Staff travel	\$12,687	\$13,194	\$13,722
Rents	Office Rent, storage, utilities	\$51,984	\$54,063	\$56,226
Overhead	Indirect (general 14.43%)	\$187,397	\$194,894	\$202,689
Totals		\$1,486,056	\$1,545,498	\$1,607,318

### Total Estimated FY 2007-2009 Budgets

Total Itemized Budget	\$4,638,872
Total Work Element Budget	\$4,638,872

### Cost sharing

Funding Source or Organization	Item or Service Provided	FY 2007 Est Value (\$)	FY 2008 Est Value (\$)	FY 2009 Est Value (\$)	Cash or in-kind?	Status
		\$0	\$0	\$0	In-Kind	Under Development
Totals		\$0	\$0	\$0		

## Section 9: Project Future Costs and/or Termination

FY 2010 Est Budget	FY 2011 Est Budget	Comments
\$1,671,610	\$1,738,475	A 4% COLA has been added for each year following 2009.
Future Operations & Maintenance Costs		
This project will be incorporated into the CBFWA contract to provide the foundation of a Programmatic RM&E function for the Fish and Wildlife Program. The size and scope will be determined based on the needs of the fish and wildlife managers, NPCC, BPA, and Biological Opinion forums.		
Termination Date	Comments	
Unknown	This project will terminate when it has been fully incorporated into the operations of the CBFWA contract.	
Final Deliverables		
Unknown		

## Section 10: Narrative

Document	Type	Size	Date
<a href="#">Narrative for proposal 200732100</a>	doc	109 kb	1/10/2006

## Part 2 of 3. Reviews of Proposal

### Administrative Review Group (ARG) Results

<b>Account Type:</b> Expense	<b>Location:</b> <b>Province:</b> No Change <b>Subbasin:</b> No Change	<b>Primary Focal Species</b> All
<b>ARG Comments:</b>		

## Part 3 of 3. Current Status of this Proposal

Under Review

Maintained by the Columbia Basin Fish & Wildlife Authority. Please direct comments or questions to the [webmaster](#).