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September 2, 2003

MEMORANDUM

TO: Council Members

FROM: Lynn Palensky

SUBJECT: Salmon Subbasin Assessment Contract Amendment - IDFG

Proposed Action

Staff recommends that the Council authorize the Executive Director to negotiate an amendment to contract PTII05 with the Idaho Department of Fish and Game (IDFG) to increase the budget for the development of the Salmon subbasin assessment. The attached proposal outlines the tasks for the work that will be accomplished under this amendment. The existing contract is for \$100,000 and the amendment will increase the existing budget by \$80,000 for a total contract amount of \$180,000.

Background

The Salmon subbasin is the largest anadromous fish subbasin in the Columbia River basin and has listed Snake River salmon stocks. The Idaho Level II designated three entities to complete the Salmon Subbasin Plan -- Nez Perce Tribe, Shoshone Bannock Tribe, and the IDFG. IDFG's responsibility is to develop the assessment and inventory for the Salmon Subbasin Plan and was allocated \$100,000 from the statewide technical budget for this work. After this contract was in place, the Level II group allocated an additional \$80,000 for this work from the statewide technical budget. The proposed amendment provides additional resources and support to develop the assessment and inventory. The increased funding will be used to: 1) supplement staff time for the interpretation and synthesis of the assessment and inventory 2) develop both EDT and QHA analysis for selected parts of the subbasin; 3) conduct a thorough review of Hatchery Genetic Management Plans in the Salmon as part of the inventory; and 4) provide for the increased coordination necessary for two technical teams and planning teams.

Proposed Schedule and Budget

The proposed funding increase will not exceed \$80,000. All work associated with this contract will be complete by May 28, 2004.

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**Idaho Department of Fish and Game
Salmon Subbasin Assessment Contract
Amendment September 2003**

A. Assessment Tasks:

2. Develop Species Characterization and Status

IDFG will identify *focal habitats* in addition to focal species. The focal species will be based upon ESA and state sensitive species lists, cultural importance, life history, habitat associations, and key ecological functions. Based upon the list of focal species and habitats, IDFG will delineate and characterize each species and the habitat condition needed to ensure long-term sustainability in the subbasin. The budget enhancement will provide for development of both focal populations species, and habitat for the terrestrial portions of the assessment.

4. Develop Ecological Relationships

Because of the size and complexity of the Salmon subbasin, the budget enhancement is necessary to insure an adequate level of analysis of the ecological relationships, especially the interconnection of anadromous fish, terrestrial species, marine nutrients, and vegetation. This section will address key functional relationships, processes and functions of the focal species and habitats.

5. Enhance Limiting Factors and Conditions through comparison of QHA, EDT, and other modeling efforts

The budget amendment will provide for a comparison of three modeling efforts in the assessment -- QHA, EDT, and Screening and Habitat Improvement Prioritization for the Upper Salmon Subbasin SHPSS. The models will be run for important anadromous fish populations that have been degraded (Lemhi and Pahsimeroi subbasins) and subbasins that are protected (Middle Fork Salmon River). Based upon comparisons of modeling and analysis efforts, IDFG and the Technical Teams will identify limiting factors, conditions, and potential population responses to management actions. Modeling efforts will also help with predictions and comparisons of TRT-defined populations to out-of-basin effects. The Technical Teams will review the limiting factors and conditions section. The analysis of limiting factors and conditions will be integrated with work on ecological relationships.

6. Enhance Interpretation and Synthesis efforts in the subbasin assessment.

Because of the enhancements in the modeling and limiting factors analysis, additional time and resources will be required in the interpretation and synthesis section. This will include the effects and consideration of hatchery and supplementation efforts. Key assumptions will be stated and the key factors that

impede optimal ecological function and biological performance for the focal species will be identified. Near term opportunities will be identified based upon areas that are high priorities for protection and high priority areas for restoration. Interim strategies and actions will be described and prioritized.

B. Inventory Task

Enhance Inventory of Existing Projects and Past Accomplishments.

Current management strategies and restoration projects, completed or ongoing, including four HGMPs will be summarized. The additional funding will also be used to supplement the existing budget to complete this task and to coordinate review between the two planning and technical teams.



Personal services

Task	Position title	Rate	Hours	Total
Assessment	data coordinator	19.58	1,000.00	19,580
	wildlife program coordinator	28.00	600.00	16,800
	GIS analyst	19.79	500.00	9,895
	Writer/editor	50.00	215.00	10,750

Task	Describe other payroll costs	Total
Assessment		

Travel

Expense	Days/nights	Rate	Total
Per diem (days)			-
Lodging (nights)			-

Air travel	From/to	Rate	# of trips	Total
Type reason here	Boise/Portland	3.00	300.00	900
Type reason here	Boise/Lewiston	3.00	300.00	900
Type reason here				-
Type reason here				-

Car travel	From/to	Rate/mi	# of miles	Total
Type reason here	Boise/Salmon	0.365	1,685.00	615
Type reason here	Boise/McCall	0.365	1,690.00	617
Type reason here	Boise/Lewiston	0.365	1,680.00	613
Type reason here		0.365		-

Services and supplies

	Unit cost	Quantity	Total
Advertising (\$ per ad x # of ads)			-
Computer support (hourly rate x # hrs)			-
Meeting expenses (room rate x # of mtgs)	75.00	10.00	750
Postage (\$ per month x months)	100.00	12.00	1,200
Printing/copying (\$ per copy x copies)	0.10	4,340.00	434
Supplies (\$ per month x months)	110.00	12.00	1,320
Telephone (\$ per month x months)	100.00	12.00	1,200

Subtotal	65,574
+ BPA approved indirect	22%
Total \$	80,000

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