

## **APPENDIX L**

### **MCACES PROJECT COST ESTIMATE**

\*\*\*\* TOTAL PROJECT COST SUMMARY \*\*\*\*

THIS ESTIMATE IS BASED ON THE SCOPE CONTAINED IN THE Feasibility Study, DATED: July 20, 03

PROJECT: Salmon River Ecosystem Restoration  
 LOCATION: Challis Idaho

DISTRICT: Walla Walla  
 P.O.C.: KIM CALLAN, CHIEF, COST ENGINEERING

ACCOUNT NUMBER	FEATURE DESCRIPTION	CURRENT MCACES ESTIMATE PREPARED: July 20, 03 EFFECTIVE PRICING LEVEL: Sept 30, 03				AUTHORIZ./BUDGET YEAR: 2003 EFFECT. PRICING LEVEL: July 20, 03			FULLY FUNDED ESTIMATE FY04 - FY08			
		COST (\$K)	CNTG (\$K)	CNTG (%)	TOTAL (\$K)	COST (\$K)	CNTG (\$K)	TOTAL (\$K)	SPENT THRU FY 03" (\$K)	ESCALATED \$ (\$K)	CNTG (\$K)	FULL (\$K)
06---	FISH AND WILDELIFE FACILITIES	3,170,612	792,653	25%	3,963,265			3,963,265		3,418,241	854,560	4,272,801
	TOTAL CONSTRUCTION COSTS ==>	3,170,612	792,653	25%	3,963,265					3,418,241	854,560	4,272,801
01---	LANDS AND DAMAGES	977,275			977,275			977,275		937,396		937,396
21---	RECONNAISSANCE STUDIES											
22---	FEASIBILITY STUDIES (Environmental Documents)	1,075,637			1,075,637			1,075,637	1,075,637			1,075,637
30---	PLANNING, ENGINEERING & DESIGN	761,805			761,805			761,805		806,074		806,074
31---	CONSTRUCTION MANAGEMENT	425,168			425,168			425,168		424,706		424,706
	TOTAL PROJECT COSTS =====>	6,410,497	792,653	12%	7,203,150			7,203,150	1,075,637	5,586,417	854,560	7,516,614
	Check	6,410,497			7,203,150							7,516,614

TOTAL FEDERAL COSTS =====> **4,885,799**  
 TOTAL NON-FEDERAL COSTS =====> 2,630,815

THE MAXIMUM PROJECT COST IS =====> \$ **7,516,614**

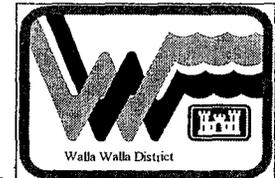
THIS TPCS REFLECTS A PROJECT COST CHANGE OF \$

 CHIEF, COST ENGINEERING, Kim Callan

PROJECT MANAGER, {Enter Name}

All Principle PRB Members

- \_\_\_\_\_ CHIEF, REAL ESTATE, Richard Carlton
- \_\_\_\_\_ CHIEF, PLANNING, Gregory Graham
- \_\_\_\_\_ CHIEF, ENGINEERING, Michael Bart
- \_\_\_\_\_ CHIEF, OPERATIONS, Wayne John
- \_\_\_\_\_ CHIEF, CONSTRUCTION, David Opbroek
- \_\_\_\_\_ CHIEF, CONTRACTING, Connie Oberle
- \_\_\_\_\_ CHIEF, PM-PB, Alden Foote
- \_\_\_\_\_ CHIEF, PPPMD, Paul Wemhoener



NOTE: Valid only when completely signed.  
 See approval Memorandum for Baseline Estimate Dated: September 22,

\*\*\*\* TOTAL CONTRACT COST SUMMARY \*\*\*\*

THIS ESTIMATE IS BASED ON THE SCOPE CONTAINED IN THE Feasibility Study, DATED: July 20, 03

PROJECT: Salmon River Ecosystem Restoration  
 LOCATION: Challis Idaho

DISTRICT: Walla Walla  
 P.O.C.: *Kim Callan* KIM CALLAN, CHIEF, COST ENGINEERING

CURRENT MCACES ESTIMATE PREPARED: July 20, 03 EFFECTIVE PRICING LEVEL: Sept 30, 03					AUTHORIZ./BUDGET YEAR: 2003 EFFECT. PRICING LEVEL: July 20, 03				UNESCALATED AMOUNT FOR FY 03 WORK					
ACCOUNT NUMBER	FEATURE DESCRIPTION	COST (\$K)	CNTG (\$K)	CNTG (%)	TOTAL (\$K)	OMB (%)	COST (\$K)	CNTG (\$K)	TOTAL (\$K)	FEATURE MID PT	OMB (%)	COST (\$K)	CNTG (\$K)	FULL (\$K)
6	FISH AND WILDELIFE FACILITIES Salmon River Ecosystem Restoration Section 206			25%										
TOTAL CONSTRUCTION COSTS ==>														
01---	LANDS AND DAMAGES													
22---	FEASIBILITY STUDIES (Environmental Documents)	1,075,637			1,075,637				1,075,637			1,075,637		1,075,637
30---	PLANNING, ENGINEERING & DESIGN Project Management Planning & Environmental Compliance Engineering & Design Engineering Tech Review & VE Contracting & Reprographics Engineering During Construction Planning During Construction Project Operation:													
31---	CONSTRUCTION MANAGEMENT Construction Management Project Operation: Project Management													
TOTAL COSTS =====>														
		1,075,637			1,075,637				1,075,637			1,075,637		1,075,637

\*\*\*\* TOTAL CONTRACT COST SUMMARY \*\*\*\*

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DISTRICT: Walla Walla  
 P.O.C.: KIM CALLAN, CHIEF, COST ENGINEERING

ACCOUNT NUMBER	FEATURE DESCRIPTION	CURRENT MCACES ESTIMATE PREPARED: July 20, 03 EFFECTIVE PRICING LEVEL: Sept 30, 03				AUTHORIZ./BUDGET YEAR: 2003 EFFECT. PRICING LEVEL: July 20, 03				ESCALATED AMOUNT FOR FY 04 WORK				
		COST (\$K)	CNTG (\$K)	CNTG (%)	TOTAL (\$K)	OMB (%)	COST (\$K)	CNTG (\$K)	TOTAL (\$K)	FEATURE MID PT	Escalation (%)	COST (\$K)	CNTG (\$K)	FULL (\$K)
6	FISH AND WILDELIFE FACILITIES Salmon River Ecosystem Restoration Section 206	223,840	55,960	25%	279,800				279,800	2 QTR 04	1.5%	227,184	56,796	283,980
	TOTAL CONSTRUCTION COSTS ==>	223,840	55,960		279,800				279,800					
01---	LANDS AND DAMAGES	122,805			122,805				122,805	2 QTR 04	1.5%	124,640		124,640
22---	FEASIBILITY STUDIES (Environmental Documents)													
30---	PLANNING, ENGINEERING & DESIGN													
	Project Management	5,049			5,049				5,049	3 QTR 04	2.0%	5,151		5,151
	Planning & Environmental Compliance	35,000			35,000				35,000	2 QTR 04	1.5%	35,523		35,523
	Engineering & Design	85,736			85,736				85,736	2 QTR 04	1.5%	87,017		87,017
	Engineering Tech Review & VE													
	Contracting & Reprographics	1,119			1,119				1,119	3 QTR 04	2.0%	1,142		1,142
	Engineering During Construction	7,834			7,834				7,834	4 QTR 04	2.6%	8,035		8,035
	Planning During Construction	4,477			4,477				4,477	4 QTR 04	2.6%	4,591		4,591
	Project Operation:													
31---	CONSTRUCTION MANAGEMENT													
	Construction Management	44,768			44,768				44,768	2 QTR 04	1.5%	45,437		45,437
	Project Operation:													
	Project Management	5,596			5,596				5,596					
	TOTAL COSTS =====>	536,224	55,960		592,184				592,184					595,515

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DISTRICT: Walla Walla  
 P.O.C.: *[Signature]*  
 KIM CALLAN, CHIEF, COST ENGINEERING

CURRENT MCACES ESTIMATE PREPARED: July 20, 03 EFFECTIVE PRICING LEVEL: Sept 30, 03					AUTHORIZ./BUDGET YEAR: 2003 EFFECT. PRICING LEVEL: July 20, 03				ESCALATED AMOUNT FOR FY 05 WORK					
ACCOUNT NUMBER	FEATURE DESCRIPTION	COST (\$K)	CNTG (\$K)	CNTG (%)	TOTAL (\$K)	OMB (%)	COST (\$K)	CNTG (\$K)	TOTAL (\$K)	FEATURE MID PT	Escalation (%)	COST (\$K)	CNTG (\$K)	FULL (\$K)
6	FISH AND WILDELIFE FACILITIES Salmon River Ecosystem Restoration Section 206	235,516	58,879	25%	294,395				294,395	3 QTR 05	4.2%	245,339	61,335	306,673
	TOTAL CONSTRUCTION COSTS ==>	235,516	58,879		294,395				294,395					
01---	LANDS AND DAMAGES	192,140			192,140				192,140	3 QTR 05	4.2%	200,154		200,154
22---	FEASIBILITY STUDIES (Environmental Documents)													
30---	PLANNING, ENGINEERING & DESIGN													
	Project Management	10,229			10,229				10,229	3 QTR 05	4.2%	10,656		10,656
	Planning & Environmental Compliance	25,000			25,000				25,000	3 QTR 05	4.2%	26,043		26,043
	Engineering & Design	80,752			80,752				80,752	3 QTR 05	4.2%	84,120		84,120
	Engineering Tech Review & VE													
	Contracting & Reprographics	1,010			1,010				1,010	3 QTR 05	4.2%	1,052		1,052
	Engineering During Construction	7,068			7,068				7,068	3 QTR 05	4.2%	7,363		7,363
	Planning During Construction	4,039			4,039				4,039	3 QTR 05	4.2%	4,207		4,207
	Monitoring Previous Year Construction	2,238			2,238				2,238	3 QTR 05	4.2%	2,332		2,332
31---	CONSTRUCTION MANAGEMENT													
	Construction Management	40,388			40,388				40,388	3 QTR 05	4.2%	42,072		42,072
	Project Operation:													
	Project Management	5,049			5,049				5,049					
	TOTAL COSTS =====>	603,429	58,879	10%	662,308				662,308			377,998	61,335	684,671

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 P.O.C. KIM CALLAN, CHIEF, COST ENGINEERING

CURRENT MCACES ESTIMATE PREPARED: July 20, 03 EFFECTIVE PRICING LEVEL: Sept 30, 03					AUTHORIZ./BUDGET YEAR: 2003 EFFECT. PRICING LEVEL: July 20, 03				ESCALATED AMOUNT FOR FY 06 WORK					
ACCOUNT NUMBER	FEATURE DESCRIPTION	COST (\$K)	CNTG (\$K)	CNTG (%)	TOTAL (\$K)	OMB (%)	COST (\$K)	CNTG (\$K)	TOTAL (\$K)	FEATURE MID PT	Escalated (%)	COST (\$K)	CNTG (\$K)	FULL (\$K)
6	FISH AND WILDELIFE FACILITIES Salmon River Ecosystem Restoration Section 206	419,267	104,817	25%	524,084					3 QTR 06	6.5%	446,414	111,604	558,018
	TOTAL CONSTRUCTION COSTS ==>	419,267	104,817		524,084									
01---	LANDS AND DAMAGES	662,330			662,330					1 QTR 98	-7.5%	612,602		612,602
22---	FEASIBILITY STUDIES (Environmental Documents)													
30---	PLANNING, ENGINEERING & DESIGN													
	Project Management	34,242			34,242					3 QTR 06	6.5%	36,459		36,459
	Planning & Environmental Compliance	40,000			40,000					3 QTR 06	6.5%	42,590		42,590
	Engineering & Design	224,494			224,494					3 QTR 06	6.5%	239,030		239,030
	Engineering Tech Review & VE													
	Contracting & Reprographics	2,046			2,046					3 QTR 06	6.5%	2,178		2,178
	Engineering During Construction	14,321			14,321					3 QTR 06	6.5%	15,248		15,248
	Planning During Construction	8,183			8,183					3 QTR 06	6.5%	8,713		8,713
	Monitoring Previous Construction	2,019			2,019					3 QTR 06	6.5%	2,150		2,150
31---	CONSTRUCTION MANAGEMENT													
	Construction Management	40,917			40,917					3 QTR 06	6.5%	43,566		43,566
	Project Operation: Project Management	10,229			10,229					3 QTR 06	6.5%	10,892		10,892
	TOTAL COSTS =====>	1,458,049	104,817		1,562,865							1,459,843	111,604	1,571,447

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CURRENT MCACES ESTIMATE PREPARED: July 20, 03 EFFECTIVE PRICING LEVEL: Sept 30, 03					AUTHORIZ./BUDGET YEAR: 2003 EFFECT. PRICING LEVEL: July 20, 03				ESCALATED AMOUNT FOR FY 07 WORK					
ACCOUNT NUMBER	FEATURE DESCRIPTION	COST (\$K)	CNTG (\$K)	CNTG (%)	TOTAL (\$K)	OMB (%)	COST (\$K)	CNTG (\$K)	TOTAL (\$K)	FEATURE MID PT	Escalated (%)	COST (\$K)	CNTG (\$K)	FULL (\$K)
6	FISH AND WILDELIFE FACILITIES Salmon River Ecosystem Restoration Section 206	2,103,267	525,817	25%	2,629,084					3 QTR 07	8.8%	2,288,723	572,181	2,860,904
	TOTAL CONSTRUCTION COSTS ==>	2,103,267	525,817		2,629,084									
01---	LANDS AND DAMAGES													
22---	FEASIBILITY STUDIES (Environmental Documents)													
30---	PLANNING, ENGINEERING & DESIGN													
	Project Management													
	Planning & Environmental Compliance	10,000			10,000					3 QTR 07	8.8%	10,882		10,882
	Engineering & Design													
	Engineering Tech Review & VE													
	Contracting & Reprographics	10,312			10,312					3 QTR 07	8.8%	11,221		11,221
	Engineering During Construction	72,182			72,182					3 QTR 07	8.8%	78,547		78,547
	Planning During Construction	41,247			41,247					3 QTR 07	8.8%	44,884		44,884
	Monitoring Previous Construction	4,092			4,092					3 QTR 07	8.8%	4,452		4,452
31---	CONSTRUCTION MANAGEMENT													
	Construction Management	206,235			206,235					3 QTR 07	8.8%	224,420		224,420
	Project Operation:													
	Project Management	34,242			34,242					3 QTR 07	8.8%	37,261		37,261
	TOTAL COSTS =====>	2,481,577	525,817		3,007,393							2,700,391	572,181	3,272,571

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CURRENT MCACES ESTIMATE PREPARED: July 20, 03 EFFECTIVE PRICING LEVEL: Sept 30, 03					AUTHORIZ./BUDGET YEAR: 2003 EFFECT. PRICING LEVEL: July 20, 03				ESCALATED AMOUNT FOR FY 08 WORK					
ACCOUNT NUMBER	FEATURE DESCRIPTION	COST (\$K)	CNTG (\$K)	CNTG (%)	TOTAL (\$K)	OMB (%)	COST (\$K)	CNTG (\$K)	TOTAL (\$K)	FEATURE MID PT	Escalated (%)	COST (\$K)	CNTG (\$K)	FULL (\$K)
6	FISH AND WILDELIFE FACILITIES Salmon River Ecosystem Restoration Section 206	188,722	47,181	25%	235,903				235,903	3 QTR 08	11.6%	210,581	52,645	263,226
	TOTAL CONSTRUCTION COSTS ==>	188,722	47,181		235,903									
01---	LANDS AND DAMAGES													
22---	FEASIBILITY STUDIES (Environmental Documents)													
30---	PLANNING, ENGINEERING & DESIGN													
	Project Management													
	Planning & Environmental Compliance													
	Engineering & Design													
	Engineering Tech Review & VE													
	Contracting & Reprographics	944			944				944	3 QTR 08	11.6%	1,053		1,053
	Engineering During Construction	3,774			3,774				3,774	3 QTR 08	11.6%	4,212		4,212
	Planning During Construction	3,774			3,774				3,774	3 QTR 08	11.6%	4,212		4,212
	Monitoring Previous Construction	20,624			20,624				20,624	3 QTR 08	11.6%	23,012		23,012
31---	CONSTRUCTION MANAGEMENT													
	Construction Management	18,872			18,872				18,872	3 QTR 08	11.6%	21,058		21,058
	Project Operation:													
	Project Management	18,872			18,872									
	TOTAL COSTS =====>	255,582	47,181		302,763				283,891			264,127	52,645	316,773