## Deer Creek Culvert Replacement 1992-026-01

May 1, 2008 - April 30, 2009

	Qnty/Unit Number		Qnty/Unit Cost		GRMW In- Kind Match	USFS In- Kind Match	USFS Cash Match	GRMW/BPA 1st solicitation (BPA/USFS contract	GRMW/BPA 2nd solicitation (GRMW admin)	Total Costs
PRE-IMPLEMENTATION										
GRMW Project Manager	100	hr	\$45	hr	\$4,500					\$4,500
USFS Hydrologist	120	hr	\$30	hr		\$3,600				\$3,600
PROJECT										
USFS Engineer	160	hr	\$35	hr		\$5,600				\$5,600
USFS Construction survey	Lump s	sum	\$1,500	Ls		\$1,500				\$1,500
USFS Contractor testing	Lump sum		\$2,500	Ls		\$2,500				\$2,500
USFS Hydrologist	80	hr	\$30	hr		\$2,400				\$2,400
CONTRACTED  Deer Creek Culvert Replacement Design (K. Johansen)	25	day	\$375	day		\$9,375				\$9,375
Excavation & Installation:										
Mobilization (15%)	Lump sum		\$21,789	Ls			\$21,789			\$21,789
Soil erosion and pollution control	Lump sum		\$18,500	Ls			\$8,211	\$10,289		\$18,500
Clearing and grubbing	Lump sum		\$1,400	Ls				\$1,400		\$1,400
Removal of existing culvert	Each (ea)		\$4,250	ea				\$4,250		\$4,250
Excavation and embankment	1200	CY	\$30	CY				\$36,000		\$36,000
Aggregate base, grading G, compaction method B	44	CY	\$45	CY				\$1,980		\$1,980
Minor Concrete (footings)	38	CY	\$600	CY				\$22,800		\$22,800

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Bottomless box 23'x7'x40' purchase and installation with all foundations, wingwalls and curbs			\$74,940	Ls				\$7,100	\$67,840	\$74,940
Stream Channel rocks, 10-24 inches	_	ea	\$100	ea				\$3,000		\$3,000
Streambed channel excavation and rebuilding	200	CY	\$50	CY				\$15,000		\$15,000
TRAVEL.										
GRMW project manager (2 trips)	200	mile	0.4875	mile	\$97.50					\$97.50
SUBTOTALS			\$4,597.50	\$24,975.00	\$30,000.00	\$101,819.00	\$67,840.00	\$229,231.50		
FISCAL										
GRMW Indirect Expenses	0%							\$0	\$0	\$0.00
(personell)	8%					\$1,998.00				\$1,998.00
TOTALS					\$4,597.50	\$26,973.00	\$30,000.00	\$101,819.00	\$67,840.00	\$231,229.50