

Appendix 2. Cost Projections

Table 3-1

	NEW RIVER WEST	NEW RIVER EAST	ALAMO RIVER SOUTH	ALAMO RIVER NORTH	ALAMO COMBINED	WHITEWATER RIVER
BBI (acres)	900	640	1,250	1,250	2,500	450
Habitat (acres)	8,000	3,400	3,600	7,200	10,800	4,000
Channel (ft)	-	-	-	-	-	-
Pipelines (ft)	23,239	10,513	18,613	18,613	18,613	7,493
Pumps	3,750,000		3,750,000	3,750,000	3,750,000	3,750,000
2018–2023 Low berm (ft)	69,626	42,281	44,506	88,796	133,301	86,123
2023–2028 Low berm (ft)	30,548	23,807	25,999	47,159	73,159	36,640
2018–2023 Pond high berm (ft)	25,191	-	32,600	42,489	75,089	28,148
2023–2028 Pond high berm (ft)	24,154					
Spillways	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000
Flow control structures	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000
River crossing structure	\$25,000	-	\$25,000	\$25,000	\$25,000	
Flood control measure (River banks)	\$2,112,000		\$2,112,000	\$2,112,000	\$2,112,000	\$2,112,000
Electrical	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000
Habitat features						
Design	\$7,691,145	\$1,943,858	\$5,412,207	\$7,722,339	\$12,142,247	\$5,800,410
Contingency - CT	\$11,536,718	\$2,915,788	\$8,118,310	\$11,583,508	\$18,213,370	\$8,700,615
Mobilization/Site prep	\$6,991,950	\$1,767,144	\$4,920,188	\$7,020,308	\$11,038,406	\$5,273,100
Construction mgmt (15%)	\$10,487,925	\$2,650,716	\$7,380,282	\$10,530,462	\$16,557,609	\$7,909,650
TOTAL COST	\$76,911,450	\$19,438,584	\$54,122,068	\$77,223,388	\$121,422,466	\$58,004,100
TOTAL COST + CT + MOBIL + MGMT	\$106,627,238	\$26,948,946	\$75,032,867	\$107,059,697	\$168,335,692	\$80,414,775

Table 3-2

YEAR	COST	ACRES
2018	\$10.00	500
2019	\$27.00	1,300
2020	\$35.50	1,700
2021	\$43.50	3,500
2022	\$33.50	1,750
2023	\$35.50	2,750
2024	\$34.00	2,700
2025	\$42.50	3,400
2026	\$47.50	4,000
2027	\$37.50	4,000
2028	\$36.50	4,200
TOTAL	\$383.00	29,800

Table 3-3

	UNIT	UNIT COST	SOURCE
Saline Pump Station (45 cfs)	each	\$2,500,000	DWR/DOE (SCH)
River Pump Station (75cCfs)	each	\$1,250,000	DWR/DOE (SCH)
Berm (Water Storage)	foot	\$800	IID/DWR/DOE (SCH)
Berm (Low Berm)	foot	\$200	IID/DWR/DOE (SCH)
HDPE Pipeline			
24 Inch	foot	\$225	DWR/DOE (SCH)
36 Inch	foot	\$300	DWR/DOE (SCH)
Flow Control Structures	each	\$100,000	DWR/DOE (SCH)
Outlets/Spillways	each	\$50,000	DWR/DOE (SCH)
River Crossing Structure	each	\$25,000	DWR/DOE (SCH)
Access Roads	foot	\$150	DWR/DOE (SCH)
Habitat Features			
Tall Island	each	\$200,000	DWR/DOE (SCH)
Loafing Island	each	\$30,000	DWR/DOE (SCH)
Small Island	each	\$100,000	DWR/DOE (SCH)
Habitat Channel	foot	\$10	DWR/DOE (SCH)
Sheet Piles	foot	\$200	DWR/DOE (SCH)
Electrical Work		\$1,000,000	IID - SCH