

RECLAMATION

Managing Water in the West

U.S. Department of the Interior
Bureau of Reclamation

M&I Full Cost 2018 Sch FC-3.Z20.xlsm
12/18/2017

CENTRAL VALLEY PROJECT
SCHEDULE OF M&I FULL COST CONSTRUCTION COSTS PER ACRE-FOOT
AS OF SEPTEMBER 30, 2016
2018 SPECIAL WATER RATES

A	B	C	D	E	F
Facility/Contractor	Allocated Construction Cost	Construction Cost Repayment as of 09-30-16	Net Construction Cost	Present Worth of Projected Deliveries 2018-2030	2018 Full Cost Construction Cost Per Acre-Foot
Ref	<Sch. A-2Ba>	<Sch. A-2Ba>	(B-C)	<Sch. FC-4>	(D/E)
Black Butte D&R					
County of Colusa	1/ \$ 4,127	\$ 5,590	\$ (1,463)	68	\$ -
Elk Creek CSD	1/ \$ 2,239	\$ 3,450	\$ (1,210)	113	\$ -
US Forest Service - BB	\$ 1,712	\$ 971	\$ 740	147	\$ 5.04
Whitney Const Inc.	1/ \$ 3,075	\$ 5,997	\$ (2,922)	32	\$ -
Total Black Butte D&R	\$ 11,153	\$ 16,008	\$ (4,855)	359	
Clear Creek Unit					
Clear Creek CSD	1/ \$ 468,017	\$ 693,824	\$ (225,807)	12,167	\$ -
Contra Costa Canal					
Contra Costa WD	1/ \$ 23,801,397	\$ 23,635,280	\$ 166,117	752,668	\$ 0.22
Cow Creek Unit					
Bella Vista WD	1/ \$ 1,654,215	\$ 1,945,193	\$ (290,978)	33,687	\$ -
Cross Valley Canal					
County of Fresno	1/ \$ 14,054	\$ 26,257	\$ (12,203)	691	\$ -
County of Tulare	\$ 48,005	\$ 28,361	\$ 19,644	1,543	\$ 12.73
Total Cross Valley Canal	\$ 62,058	\$ 54,618	\$ 7,441	2,234	

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<u>Delta-Mendota Canal</u>					
Byron Bethany ID	\$ 216,508	\$ 217,494	\$ (987)	6,697	\$ -
City of Tracy 1/	\$ 4,352,075	\$ 4,436,770	\$ (84,695)	52,690	\$ -
Del Puerto WD 1/	\$ 4,245	\$ 5,170	\$ (926)	70	\$ -
Department of VA	\$ 42,198	\$ 35,791	\$ 6,407	1,878	\$ 3.41
Panoche WD 1/	\$ 8,333	\$ 12,863	\$ (4,529)	193	\$ -
San Luis WD 1/	\$ 40,988	\$ 93,038	\$ (52,050)	620	\$ -
Total Delta-Mendota Canal	\$ 4,664,347	\$ 4,801,127	\$ (136,780)	62,148	
<u>Folsom D&R</u>					
City of Folsom	\$ 209,092	\$ -	\$ 209,092	32,750	\$ 6.38
City of Roseville	\$ 4,027,378	\$ 4,393,143	\$ (365,764)	188,680	\$ -
El Dorado ID - FD&R 1/	\$ 928,414	\$ 1,041,371	\$ (112,958)	27,376	\$ -
Placer County WA 1/	\$ 256,867	\$ 183,769	\$ 73,097	40,184	\$ 1.82
Sacramento County WA	\$ 349,846	\$ 265,597	\$ 84,249	20,937	\$ 4.02
San Juan WD 1/	\$ 904,836	\$ 1,616,850	\$ (712,014)	10,568	\$ -
Total Folsom D&R	\$ 6,676,433	\$ 7,500,730	\$ (824,297)	320,495	
<u>Folsom-South Canal</u>					
East Bay MUD	\$ 5,383,639	\$ 2,394,189	\$ 2,989,450	77,187	\$ 38.73
Sacramento Cty WA - FSC	\$ 334,695	\$ -	\$ 334,695	34,446	\$ 9.72
Sacramento MUD	\$ 4,450,835	\$ 2,546,908	\$ 1,903,927	114,286	\$ 16.66
Total Folsom-South Canal	\$ 10,169,168	\$ 4,941,097	\$ 5,228,072	225,919	

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<u>Friant Dam</u>					
County of Madera	\$ 16,110	\$ 17,674	\$ (1,563)	228	\$ -
Fresno County WW#18 2/	\$ 30,484	\$ 65,078	\$ (34,594)	822	N/A
Total Friant Dam	\$ 46,595	\$ 82,752	\$ (36,157)	1,051	
<u>Friant-Kern Canal</u>					
Arvin-Edison WSD 2/	\$ 207,880	\$ 567,156	\$ (359,276)	3,718	N/A
City of Fresno 2/	\$ 15,848,917	\$ 21,385,091	\$ (5,536,174)	290,784	N/A
City of Lindsay 1/	\$ 585,483	\$ 779,413	\$ (193,930)	12,003	\$ -
City of Orange Cove 1/	\$ 365,837	\$ 516,952	\$ (151,115)	7,295	\$ -
Delano-Earlimart ID 2/	\$ 42,053	\$ 34,792	\$ 7,261	1,518	N/A
Lindsay-Strathmore ID 2/	\$ 111,994	\$ 65,349	\$ 46,645	4,070	N/A
Shafter-Wasco ID 2/	\$ 106,310	\$ 150,417	\$ (44,107)	2,388	N/A
Terra Bella ID 2/	\$ 269,909	\$ 362,028	\$ (92,119)	8,711	N/A
Total Friant-Kern Canal	\$ 17,538,384	\$ 23,861,198	\$ (6,322,814)	330,487	
<u>New Melones D & R</u>					
Stockton-East WD	\$ 2,765,329	\$ 673,097	\$ 2,092,232	244,977	\$ 8.54
<u>Sacramento River</u>					
City of Redding - SR 1/	\$ 585,125	\$ 669,902	\$ (84,777)	19,545	\$ -
City of West Sacramento	\$ 1,005,014	\$ 1,052,051	\$ (47,037)	53,666	\$ -
Lake California P.O.A.	\$ 33,686	\$ 35,358	\$ (1,672)	1,493	\$ -
Riverview Golf & CC 1/	\$ 4,358	\$ 4,998	\$ (640)	144	\$ -
Total Sacramento River	\$ 1,628,182	\$ 1,762,308	\$ (134,126)	74,848	

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<u>San Felipe Unit</u>						
San Benito County WD	1/	\$ 1,488,732	\$ 1,987,221	\$ (498,489)	28,797	\$ -
Santa Clara Valley WD		\$ 38,825,450	\$ 36,223,268	\$ 2,602,183	668,065	\$ 3.90
Total San Felipe Unit		\$ 40,314,182	\$ 38,210,489	\$ 2,103,693	696,862	
<u>San Luis Canal - Fresno</u>						
City of Avenal		\$ 929,834	\$ 414,317	\$ 515,517	17,824	\$ 28.92
City of Coalinga		\$ 2,486,686	\$ 891,170	\$ 1,595,516	38,402	\$ 41.55
City of Huron		\$ 419,250	\$ 294,987	\$ 124,263	7,409	\$ 16.77
State of CA	1/	\$ 2,888	\$ 3,817	\$ (929)	48	\$ -
Westlands WD		\$ 2,344,930	\$ 2,078,985	\$ 265,945	21,466	\$ 12.39
Total San Luis Canal - Fresno		\$ 6,183,588	\$ 3,683,275	\$ 2,500,313	85,150	
<u>San Luis Canal - Tracy</u>						
Pacheco WD - SLC		\$ 4,918	\$ 3,133	\$ 1,785	55	\$ 32.38
Panoche WD - SLC		\$ 19,611	\$ 17,624	\$ 1,987	502	\$ 3.96
San Luis WD - SLC		\$ 522,556	\$ 405,965	\$ 116,590	14,895	\$ 7.83
Total San Luis Canal - Tracy		\$ 547,085	\$ 426,723	\$ 120,362	15,452	
<u>Shasta D&R</u>						
Centerville CSD		\$ 125,841	\$ 67,202	\$ 58,638	5,105	\$ 11.49
Mountain Gate CSD		\$ 113,907	\$ 101,110	\$ 12,798	4,752	\$ 2.69
Shasta CWA		\$ 30,782	\$ 23,940	\$ 6,842	1,272	\$ 5.38
Total Shasta D&R		\$ 270,530	\$ 192,252	\$ 78,278	11,129	

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<u>Spring Creek Conduit</u>					
City of Redding - SCC	\$ 530,295	\$ 376,161	\$ 154,134	33,682	\$ 4.58
Shasta CWA - SCC	\$ 24,541	\$ 19,137	\$ 5,405	1,053	\$ 5.13
Shasta CSD	\$ 98,733	\$ 103,028	\$ (4,295)	3,559	\$ -
Total Spring Creek Conduit	\$ 653,570	\$ 498,326	\$ 155,244	38,294	
<u>Tehama-Colusa Canal</u>					
Colusa County WD	\$ 31,644	\$ 33,803	\$ (2,159)	1,052	\$ -
Kanawha WD	\$ 1,159	\$ 802	\$ 357	71	\$ 5.02
Total Tehama-Colusa Canal	\$ 32,803	\$ 34,605	\$ (1,802)	1,123	
<u>Toyon Pipeline</u>					
City of Redding - TP 1/	\$ 29,658	\$ 229,042	\$ (199,385)	178	\$ -
City of Shasta Lake 1/	\$ 1,095,122	\$ 1,507,206	\$ (412,085)	10,715	\$ -
US Forest Service 1/	\$ 1,685	\$ 4,962	\$ (3,277)	8	\$ -
Total Toyon Pipeline	\$ 1,126,464	\$ 1,741,211	\$ (614,747)	10,901	
Total	\$ 118,613,501	\$ 114,754,113	\$ 3,859,388	2,919,950	

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FOOTNOTES:

1/ Contractor has satisfied their obligation of allocated construction costs as of 9/30/2016.