

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF RECLAMATION  
Sacramento River Division, Central Valley Project, California

AMENDMENT TO THE EXISTING CONTRACT BETWEEN THE UNITED STATES  
AND  
KANAWHA WATER DISTRICT  
PROVIDING FOR  
PROJECT WATER SERVICE AND FACILITIES REPAYMENT

Exhibits

Exhibit A – Map of Contractor’s Service Area

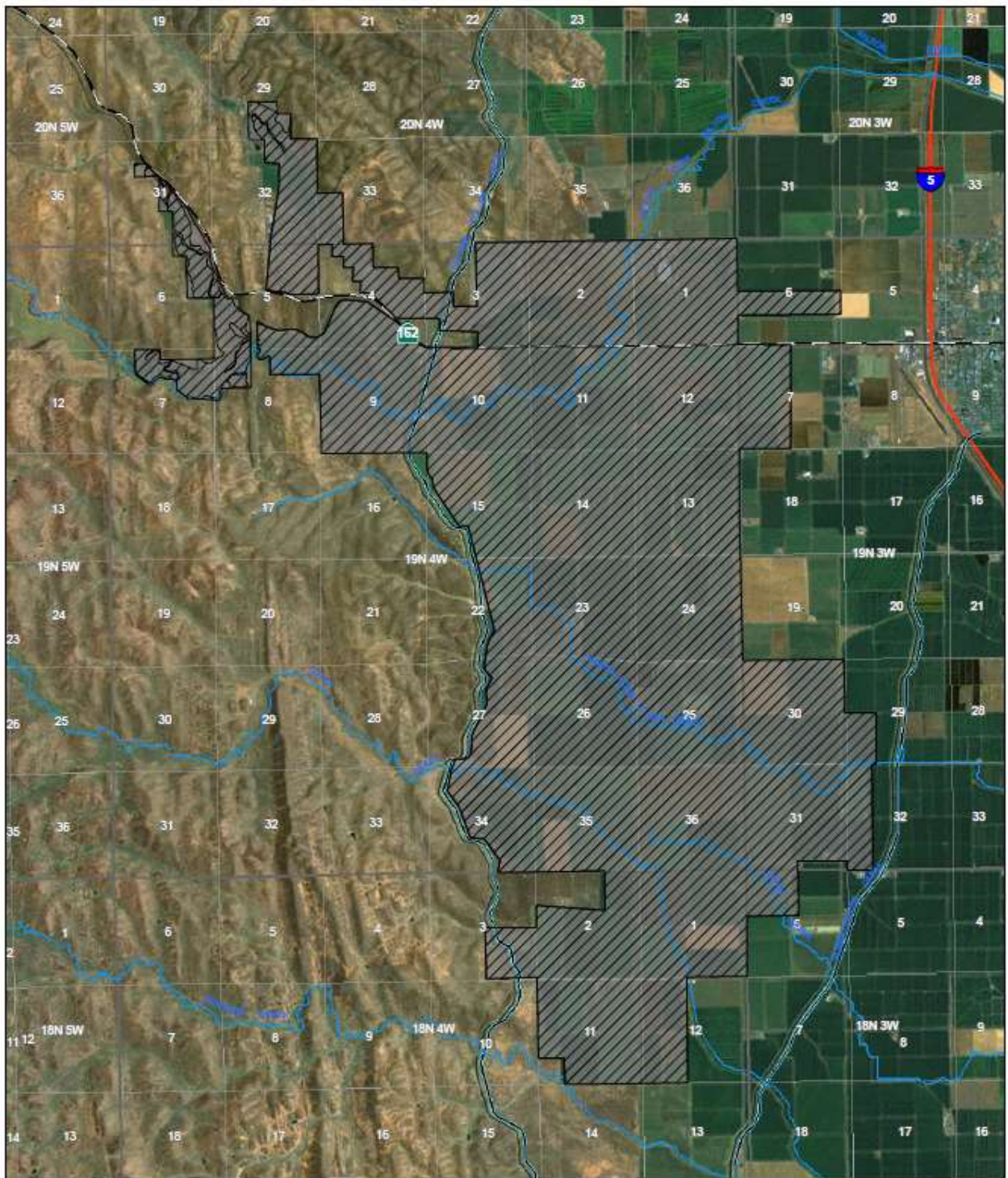
*This Exhibit is unchanged from current Contract.*



Exhibit B – Rates and Charges

*This Exhibit template is unchanged from current Contract and is updated annually. Rate Schedules may be found at: <https://www.usbr.gov/mp/cvpwaterrates/ratebooks/index.html>*

Exhibit C – Repayment Obligation

*This Exhibit template was developed during the WIIN Act Negotiations. Relevant data will be incorporated upon contract execution*



-  Contractor's Service Area
-  District Boundary

# **Kanawha Water District** Contract No. 14-06-200-466-A-LTR1 Exhibit A

**RECLAMATION**  
*Managing Water in the West*

Date: Friday, April 05, 2013  
 Document Path: N:\Districts\Contract\kanawha\2013\602\kanawha\_14.mxd

0 0.5 1 2 3 Miles



602-202-6

**Exhibit B  
Kanawha Water District  
2018 Rates and Charges  
(Per Acre-Foot)**

District Form - Irrigation/M&I  
Contract No.  
14-06-200-466A-I-TR1

	Irrigation Water	Payment Capacity Irrigation Water <sup>1</sup>	M&I Water
<b>COST-OF-SERVICE (COS) RATES</b>			
Construction Costs	\$20.97	\$20.97	\$4.30
O&M Component			
Water Marketing	\$7.07	\$7.07	\$7.34
Storage	\$14.52	\$14.52	\$15.90
Conveyance	\$0.00	\$0.00	\$0.00
Direct Pumping	\$0.00	\$0.00	\$0.00
Credit for other PUE Remittance <sup>4</sup>	(\$1.60)	(\$1.60)	(\$0.57)
ARRA Component	\$0.00	\$0.00	\$0.00
Deficit Rates			
Interest Bearing	\$0.00	\$0.00	\$0.00
<b>TOTAL COS RATE (Tier 1 Rate)</b>	<b>\$40.96</b>	<b>\$40.96</b>	<b>\$26.87</b>
Project Use Energy Payment <sup>5</sup>			
Direct Pumping Offset	\$2.07	\$2.07	\$2.07
Other PUE Remittance	\$1.60	\$1.60	\$0.57
<b>IRRIGATION FULL COST RATE (RRA)</b>			
Section 202(3) Rate is applicable to a Qualified Recipient or to a Limited Recipient receiving irrigation water on or before October 1, 1981.	\$65.65	\$65.65	
Section 206(a)(3) Rate is applicable to a Limited Recipient that did not receive irrigation water on or before October 1, 1981.	\$80.13	\$80.13	
<b>M&amp;I FULL COST RATE</b>			<b>\$28.23</b>
<b>TIERED PRICING COMPONENTS</b> (In Addition to Total COS Rate Above)			
<b>Irrigation</b>			
Tier 2 Rate: >80% <=90% of Contract Total [Section 202(3) Irrigation Full Cost Rate - Irrigation COS Rate]/2 (Amount to be added to Tier 1 Rate)	\$12.35	\$12.35	
Tier 3 Rate: >90% of Contract Total [Section 202(3) Irrigation Full Cost Rate - Irrigation COS Rate] (Amount to be added to Tier 1 Rate)	\$24.69	\$24.69	
<b>M&amp;I</b>			
Tier 2 Rate: >80% <=90% of Contract Total [M&I Full Cost Rate - M&I COS Rate]/2 (Amount to be Added to Tier 1 Rate)			\$0.68
Tier 3 Rate: >90% of Contract Total [M&I Full Cost Rate - M&I COS Rate] (Amount to be Added to Tier 1 Rate)			\$1.36
<b>CHARGES AND ASSESSMENTS</b> (Payments in Addition to Rates)			
P.L. 102-575 Surcharges (Restoration Fund Payments) <sup>2</sup> [Section 3407(d)(2)(A)]	\$10.63	\$10.63	\$21.26
P.L. 106-377 Assessment (Trinity Public Utilities District) <sup>3</sup>	\$0.30	\$0.30	\$0.30

**EXPLANATORY NOTES**

- The contract rate is modified for contractors that have a payment capacity limited to an amount sufficient to cover the applicable annual O&M costs and O&M interest-bearing deficits. Source: Ability to Pay Analysis.
- The surcharges were determined pursuant to Title XXXIV of P.L. 102-575. Restoration Fund surcharges under P.L. 102-575 are determined on a fiscal year basis (10/1-9/30).
- The Trinity Public Utilities District Assessment is applicable to each acre-foot of water delivered from 3/1 to 2/28 and is adjusted annually.
- Project Use Energy payment is being remitted to Western Area Power Authority for storage and direct pumping based on the deliveries of a select few contractors. The rates for the select few contractors are reduced as a credit in the O&M rates. All Contractors will ultimately pay for the storage and direct pumping service but as an offset to the amount paid by the select few.
- Project Use Energy payment is in addition to the Contract Rate and Full-Cost Water Rates. Refer to the water rate books for more information.

Recent Historic Use, as defined in the CVP M&I Water Shortage Policy, is 10 acre-feet.

Additional details of the rate components are available on the internet at  
[www.usbr.gov/mp/cvp/water/rates/ratebooks](http://www.usbr.gov/mp/cvp/water/rates/ratebooks).



## Exhibit C Template

**Repayment Obligation - Current Calculation under the WIIN Act, Section 4011 (a) (2)**

Represents an Estimate of Cost to Repay Construction Based on Unpaid Construction from the 2018 Water Rate Books

Contractor: Kanawha Water District  
 Facility: Tehama-Colusa Canal  
 Contract: 14-06-200-0466L

Irrigation Construction Cost (2018 Irrigation Ratebook, Schedule A-2Ba and A-2Bc)			
	Unpaid Cost		Discount
Construction Cost (Excludes Intertie):	\$	6,652,083	\$ 5,992,980
Intertie Construction Cost:	\$	-	\$ -
<b>Total</b>	\$	6,652,083	\$ 5,992,980
If Paid in Installments (Used 30 yr CMT)			
Due			
Payment 1	May 1 2018		\$ 1,555,798
Payment 2	May 1 2019		\$ 1,555,798
Payment 3	May 1 2020		\$ 1,555,798
Payment 4	May 1 2021		\$ 1,555,798
<b>Total Installment Payments</b>			\$ 6,223,191
20 yr CMT Rates - 4/23/2018			3.050%
Discount Rate (1/2 of the Treasury Rate per the WIIN Act, Section 4011(a)(2)(A))			1.525%

M&I Construction Cost (2018 M&I Ratebook, Sch A-2Ba)	
	Unpaid Cost
Construction Cost:	\$ 357

## Calculation Support:

Fiscal Yr	Unpaid Allocated Construction Cost			Unpaid Intertie Construction Cost			Total
	Beginning Balance	Straight Line Repayment	Present Value	Beginning Balance	Straight Line Repayment	Present Value	Present Values
2018	\$ 6,652,083	\$ 511,699	\$ 504,013	\$ -	\$ -	\$ -	\$ 504,013
2019	\$ 6,140,384	\$ 511,699	\$ 496,442	\$ -	\$ -	\$ -	\$ 496,442
2020	\$ 5,628,686	\$ 511,699	\$ 488,985	\$ -	\$ -	\$ -	\$ 488,985
2021	\$ 5,116,987	\$ 511,699	\$ 481,640	\$ -	\$ -	\$ -	\$ 481,640
2022	\$ 4,605,288	\$ 511,699	\$ 474,405	\$ -	\$ -	\$ -	\$ 474,405
2023	\$ 4,093,590	\$ 511,699	\$ 467,279	\$ -	\$ -	\$ -	\$ 467,279
2024	\$ 3,581,891	\$ 511,699	\$ 460,260	\$ -	\$ -	\$ -	\$ 460,260
2025	\$ 3,070,192	\$ 511,699	\$ 453,347	\$ -	\$ -	\$ -	\$ 453,347
2026	\$ 2,558,493	\$ 511,699	\$ 446,537	\$ -	\$ -	\$ -	\$ 446,537
2027	\$ 2,046,795	\$ 511,699	\$ 439,829	\$ -	\$ -	\$ -	\$ 439,829
2028	\$ 1,535,096	\$ 511,699	\$ 433,223	\$ -	\$ -	\$ -	\$ 433,223
2029	\$ 1,023,397	\$ 511,699	\$ 426,715	\$ -	\$ -	\$ -	\$ 426,715
2030	\$ 511,699	\$ 511,699	\$ 420,306	\$ -	\$ -	\$ -	\$ 420,306
2031-63				\$ -	\$ -	\$ -	\$ -
<b>Total, Lump Sum Payment</b>			<b>\$ 5,992,980</b>			<b>\$ -</b>	<b>\$ 5,992,980</b>

Amount of Reduction, Lump Sum      \$ 659,103      \$ -      \$ 659,103

