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

CONTRACT BETWEEN THE UNITED STATES AND PATTERSON IRRIGATION DISTRICT PROVIDING FOR PROJECT WATER SERVICE FROM DELTA DIVISION AND FACILITIES REPAYMENT

Exhibits

Exhibit A – Map of Contractor's Service Area

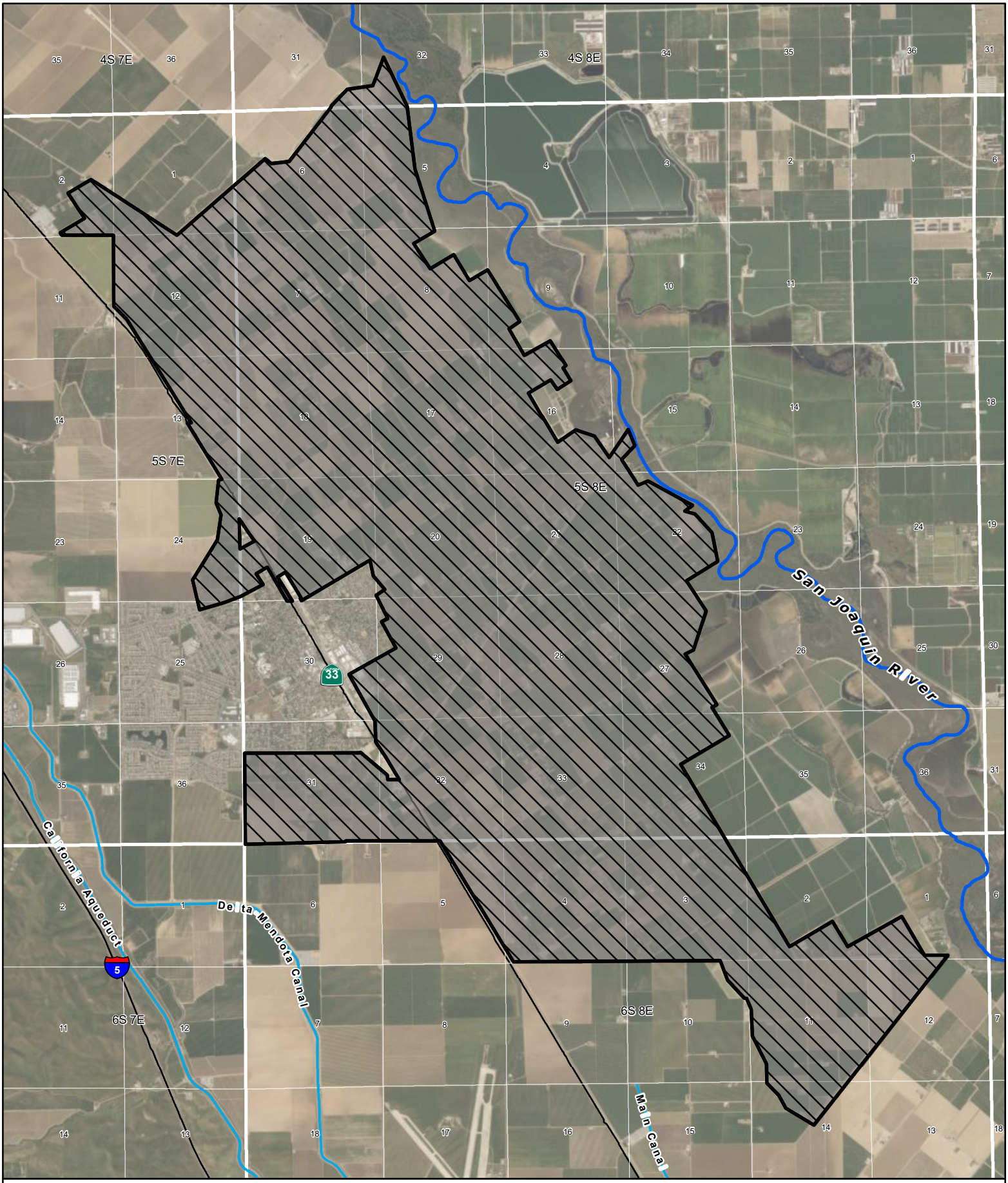
This Exhibit is unchanged from current Contract.

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.



District Boundary
Contractor's Service Area

Patterson Irrigation District

Contract No. 14-06-200-3598A-LTR1-P
Exhibit A

Miles
0 0.5 1

BUREAU OF RECLAMATION

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214-202-889

Date: 4/1/2020
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EXHIBIT B
PATTERSON IRRIGATION DISTRICT
2020 Rates and Charges
(Per Acre-Foot)

	Irrigation Water	M&I Water[1]
COST-OF-SERVICE (COS) RATE		
Construction Costs	$34.58	
DMC Aqueduct Intertie	$1.10	
O&M Components		
Water Marketing	$8.97	
Storage	$18.01	
Deficit Cost	$0.00	
TOTAL COS RATE *(Tier 1 Rate)*	$62.66	
IRRIGATION FULL-COST RATE		
Section 202(3) Rate is applicable to a Qualified Recipient or to a Limited Recipient receiving irrigation water on or before October 1, 1981.	$95.49	
Section 205(a)(3) Rate is applicable to a Limited Recipient that did not receive irrigation water on or before October 1, 1981.	$117.05	
TIERED PRICING COMPONENTS *(In Addition to Total COS Rate Above)*		
IRRIGATION		
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)*	$16.42	
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)*	$32.83	
CHARGES AND ASSESSMENTS *(Payments in addition to Rates)*		
P.L. 102-575 Surcharge (Restoration Fund Payment) [Section 3407(d)(2)(A)]	$10.91	
P.L. 106-377 Assessment (Trinity Public Utilities District) [Appendix B, Section 203]	$0.12	

EXPLANATORY NOTES

The Contractor has not projected any delivery of M&I Water for the 2020 contract year. A temporary M&I Rate will be applied upon any M&I water delivery.

The CVP M&I Water Shortage Policy per EIS/EIR dated August 2015 and Record of Decision dated November 2015 defines the M&I Historic Use as the average quantity of CVP water put to beneficial use during the last three years of water deliveries, unconstrained (100% allocation) by the availability of CVP water for South of the Delta. Contractor's last three years in acre feet (AF) are revised as follows: 2006 = 0 AF; 2011 = 0 AF; 2017 = 0 AF; which equals a M&I Historic use average quantity of 0 AF.

Additional detail of rate components is available on the Internet at:
http://www.usbr.gov/mp/cvpwaterrates/ratebooks/index.html

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Exhibit C[@]

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

Unpaid Construction Cost from the 2020 Water Rate Books*

Contractor: **Patterson WD**
Facility: **Delta Mendota Canal**
Contract: **14-06-200-3598A-LTR1-P**

Irrigation Construction Cost (2020 Irrigation Ratebook, Schedule A-2Ba					
			Unpaid Cost		Discount
Construction Cost	~	$	1,802,674		
2019 Repayment (Estimate) **		$	673,100		
Adjusted Construction Cost		$	1,129,574	$	1,096,368
Intertie Construction Cost (N/A):		$	228,745	$	204,872
Total		$	1,358,319	$	1,301,239
If Paid in Installments (Used 20 yr CMT)					
Due****					
Payment 1	9/1/2020			$	329,386
Payment 2	9/1/2021			$	329,386
Payment 3	9/1/2022			$	329,386
Payment 4 ~~	9/1/2023			$	329,386
Total Installment Payments				$	1,317,545
20 yr CMT Rates - 04/28/2020 (to be adjusted to effective date of contract)[@]					1.000%
Discount Rate (1/2 of the Treasury Rate per the WIIN Act, Section 4011(a)(2)(A))					0.500%

M&I Construction Cost (2020 M&I Ratebook, Sch A-2Ba)			
			Unpaid Cost
Construction Cost:	~	$	-
2019 Repayment (Estimate) **			
Adjusted Construction Cost***:		$	-

Calculation Support: Irrigation Lump Sum or First Payment**** 9/1/2020
Days Until the End of the Fiscal Year 29

	Unpaid Allocated Construction Cost			Unpaid Intertie Construction Cost			Total
Fiscal Yr	Beginning Balance	Straight Line Repayment	Present Value	Beginning Balance	Straight Line Repayment	Present Value	Present Values
2020	$ 1,129,574	$ 102,689	$ 102,137	$ 228,745	$ 5,199	$ 5,171	$ 107,308
2021	$ 1,026,885	$ 102,689	$ 101,669	$ 223,546	$ 5,199	$ 5,147	$ 106,816
2022	$ 924,197	$ 102,689	$ 101,163	$ 218,348	$ 5,199	$ 5,122	$ 106,285
2023	$ 821,508	$ 102,689	$ 100,660	$ 213,149	$ 5,199	$ 5,096	$ 105,756
2024	$ 718,820	$ 102,689	$ 100,159	$ 207,950	$ 5,199	$ 5,071	$ 105,230
2025	$ 616,131	$ 102,689	$ 99,661	$ 202,751	$ 5,199	$ 5,045	$ 104,707
2026	$ 513,443	$ 102,689	$ 99,165	$ 197,553	$ 5,199	$ 5,020	$ 104,186
2027	$ 410,754	$ 102,689	$ 98,672	$ 192,354	$ 5,199	$ 4,995	$ 103,667
2028	$ 308,066	$ 102,689	$ 98,181	$ 187,155	$ 5,199	$ 4,971	$ 103,152
2029	$ 205,377	$ 102,689	$ 97,693	$ 181,956	$ 5,199	$ 4,946	$ 102,638
2030	$ 102,689	$ 102,689	$ 97,206	$ 176,758	$ 5,199	$ 4,921	$ 102,128
2031-63				$ 171,559	$ 171,559	$ 149,366	$ 149,366
Total, Lump Sum Payment			$ 1,096,368			$ 204,872	$ 1,301,239
Amount of Reduction, Lump Sum			$ 33,206			$ 23,873	$ 57,080

* Costs are assumed to be paid and all charges are assumed to be accurate. If at a later date charges are determined to need update, they are still required. Also, unpaid charges are still a requirement under contract.
** 2019 Repayment is based on a conservative estimate. If not sufficient, the remainder will be billed.
*** Excludes Interest to payment date as Interest will be computed as an annual expense as usual.
****Contractor has 60 days from the effective date of the contract or installment dates to make payment.
~ M&I Credit from Schedule A-2Ba has been applied to Irrigation Unpaid Amount.
[@]To be updated. The WIIN Act requires us to have a Constant Maturity Treasury rate based on the effective date of the contract.
~~Final Payment made in installments must be repaid by this date.