

# Attachment 4

## Budget

# Attachment 4

## Budget

A summary budget for the three projects included in this Proposal is provided as Table 8. Individual project budgets in this Proposal are included in the below Table 7. The three projects that are outlined in this Proposal include:

- City of Holtville Wastewater Treatment Plant Improvement Project
- Interconnection Project between City of El Centro, City of Imperial and the Heber Utility District
- Stormwater Drainage Improvements to the Township of Seeley

**Table 8 – Summary Budget**

Proposal Title: Imperial Integrated Regional Water Management Implementation Proposal

Individual Project Title		(a) Requested Grant Amount	(b) Cost Share: Non-State Fund Source* (Funding Match)	(c) Cost Share: Other State Fund Source*	(d) Total Cost	(e) % Funding Match (col. b/col. d)
<b>(a)</b>	City of Holtville	\$1,900,000	\$393,628	\$5,928,918	\$8,222,546	4.79%
<b>(b)</b>	Interconnect Project	\$1,390,000	\$0	\$0	\$1,390,000	0.00%
<b>(c)</b>	City of Seeley	\$1,916,795	\$0	\$100,000	\$2,016,795	0.00%
<b>(d)</b>	Project D	-	-	-	-	-
<b>(e)</b>	Project E	-	-	-	-	-
<b>(f)</b>	Project F	-	-	-	-	-
<b>(g)</b>	Project G	-	-	-	-	-
<b>(h)</b>	Project H	-	-	-	-	-
<b>(i)</b>	Proposal Total (Sum rows (a) through (h) for each column)	\$5,206,795	\$393,628	\$6,028,918	\$11,629,341	4.79%
<b>(j)</b>	DAC Funding Match Waiver Total (Sum column (d) only for projects seeking DAC funding match waiver in rows (a) through (h))	-	-	-	\$11,629,341	-
<b>(k)</b>	Grand Total (Subtract row (j) from row (i) and recalculate column (e) – Funding Match %)	\$5,206,795	\$393,628	\$6,028,918	\$0	0.00%

# Attachment 4

## Budget

### City of Holtville Wastewater Treatment Plant Improvement Project

Table 7 – Project Budget						
Proposal Title: <u>Imperial Integrated Regional Water Management Implementation Proposal</u> Project Title: <u>City of Holtville Wastewater Treatment Plant Improvement Project</u>						
Project serves a need of a DAC?: Yes						
Funding Match Waiver request?: Yes						
Category		(a) Requested Grant Amount	(b) Cost Share: Non- State Fund Source* (Funding Match) (BECC/City)	(c) Cost Share: Other State Fund Source* (CWSRF)	(d) Total Cost	
<b>(a)</b>	Direct Project Administration	\$0.00	\$0.00	\$25,000.00	\$25,000.00	
<b>(b)</b>	Land Purchase/Easement	\$0.00	\$0.00	\$0.00	\$0.00	
<b>(c)</b> <b>1</b>	Planning/Environmental Documentation	\$0.00	\$45,000.00	\$0.00	\$45,000.00	
<b>(c)</b> <b>2</b>	Design	\$0.00	\$348,628.00	\$348,628.00	\$697,256.00	
<b>(d)</b>	Construction/Implementation*	\$1,900,000.00	\$0.00	\$4,460,000.00	\$6,360,000.00	
<b>(e)</b>	Environmental Compliance/ Mitigation/Enhancement	\$0.00	\$0.00	\$0.00	\$0.00	
<b>(f)</b>	Construction Administration	\$0.00	\$0.00	\$552,240.00	\$552,240.00	
<b>(g)</b>	Other Costs	\$0.00	\$0.00	\$0.00	\$0.00	
<b>(h)</b>	Construction/Contingency	\$0.00	\$0.00	\$543,050.00	\$543,050.00	
<b>(i)</b>	<b>Grand Total</b> (Sum rows (a) through (h) for each column)	\$1,900,000.00	\$393,628.00	\$5,928,918.00	\$8,222,546.00	

**\*List sources of funding:** Use as much space as required  
 -BECC= Border Environmental Cooperation Commission  
 -CWSRF = Clean Water State Revolving Fund  
 -City = City of Holtville

\*See Attachment 4-B Detailed Cost Estimate

Please refer to Attachment 4, Exhibit B for supplemental detail costs for this project.

# Attachment 4

## Budget

### Interconnection Project between City of El Centro, City of Imperial and the Heber Utility District

Table 7 – Project Budget					
Proposal Title: Imperial Integrated Regional Water Management Implementation Proposal Project Title: Interconnection Project between City of El Centro, City of Imperial and the Heber Utility District Project serves a need of a DAC?: Yes Funding Match Waiver request?: "Yes"					
Category		(a) Requested Grant Amount	(b) Cost Share: Non-State Fund Source* (Funding Match)	(c) Cost Share: Other State Fund Source*	(d) Total Cost
(a)	Direct Project Administration	\$50,000			\$50,000
(b)	Land Purchase/Easement	-			-
(c)	Planning/Design/Engineering/ Environmental Documentation	\$80,000			\$80,000
(d)	Construction/Implementation	\$1,000,000			\$1,000,000
(e)	Environmental Compliance/ Mitigation/Enhancement	-			-
(f)	Construction Administration	\$60,000			\$60,000
(g)	Other Costs	-			-
(h)	Construction/Implementation Contingency	\$200,000			\$200,000
(i)	<b>Grand Total</b> (Sum rows (a) through (h) for each column)	\$1,390,000	-	-	\$1,390,000
*List sources of funding: Use as much space as required					

# Attachment 4

## Budget

### Stormwater Drainage Improvements to the Township of Seeley

Table 7 – Project Budget					
Proposal Title: Imperial Integrated Regional Water Management Implementation Proposal Project Title: Stormwater Drainage Improvements in the Township of Seeley Project serves a need of a DAC?: "Yes Funding Match Waiver request?: " Yes					
	Category	(a) Requested Grant Amount - Prop 84 Funds	(b) Cost Share: Non- State Fund Source* (Funding Match)	(c) Cost Share: Other State Fund Source* HUTA	(d) Total Cost
(a)	Direct Project Administration	20,000			20,000
(b)	Land Purchase/Easement	N/A			N/A
(c)	Planning/Design/Engineering/ Environmental Documentation	150,000			150,000
(d)	Construction/Implementation	1,476,795			1,476,795
(e)	Environmental Compliance/ Mitigation/Enhancement	50,000			50,000
(f)	Construction Administration	200,000			200,000
(g)	Passive storm/nuisance water treatment system			100,000	100,000
(h)	Construction/Implementation Contingency	20,000			20,000
(i)	<b>Grand Total (Sum rows (a) through (h) for each column)</b>	1,916,795		100,000	2,016,795
*List sources of funding: Use as much space as required Prop 84 funds; County of Imperial HUTA Funds					

Please refer to Attachment 4, Exhibit A for detailed cost estimates for this project.

**DRAINAGE IMPROVEMENTS IN THE  
TOWNSHIP OF SEELEY IN IMPERIAL COUNTY  
COUNTY PROJECT No. 5363  
COST ESTIMATE DETAIL**

3/1/13

Item No.	ITEM DESCRIPTION	UNIT	ESTIMATED QUANTITY	UNIT PRICE	TOTAL
1	Construction Area Signs	LS	1	\$25,000	\$25,000
2	Roadway Excavation and Earthwork	LS	1	\$100,000	\$100,000
3	Clearing and Grubbing	LS	1	\$65,000	\$65,000
4	AC Paving	TON	1,240	\$150	\$186,000
5	Class 2 Aggregate Base	TON	9,991	\$45	\$449,595
6	Erosion Control and Storm Water Pollution Prevention	LS	1	\$30,000	\$30,000
7	36" RCP Storm Drain Pipe x 8'	EA	8	\$850	\$6,800
8	84" RCP Storm Drain Pipe x 8'	EA	216	\$1,900	\$410,400
9	Storm Drain Manhole - 96" x 10'	EA	6	\$8,000	\$48,000
10	Storm Drain Curb Inlet	EA	3	\$5,000	\$15,000
11	Striping	LS	1	\$10,000	\$10,000
12	Utility Crossings (Water/Sewer)	LS	1	\$50,000	\$50,000
13	Curb and Gutter	LF	1,600	\$35	\$56,000
14	Headwall Structure	LS	1	\$10,000	\$10,000
15	Rock Slope Protection	LS	1	\$15,000	\$15,000

Additive Item: Passive storm/nuisance water Treatment system.

**Project Cost:** \$1,916,795  
**Additive Item:** 100,000  
**Total:** **\$2,016,795**

Construction Implementation Total	\$1,476,795
Direct Project Administration	\$20,000
Planning/Design/Engineering/ Environmental Documentation	\$150,000
Environmental Compliance/Mitigation/ Enhancement	\$50,000
Construction Administration	\$200,000
Construction/Implementation Contingency	\$20,000
<b>Total Cost</b>	<b>\$1,916,795</b>

**City of Holtville Wastewater Treatment Plan Improvement Project**

**Attachment 4**

**EXHIBIT B -SUPPLEMENTAL DETAIL COSTS**

ITEM DESCRIPTION: (Specification as Available)	QUANTITY		MATERIAL COST		LABOR COST		MATERIAL AND LABOR		OVERHEAD	
	NUMBER	UNIT	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
<b><u>Plant Improvement with Biolac® System (WaveOx - Integral Secondary Clarifiers)</u></b>										
<b>Septage Holding Tank</b>										
Excavation	652	CY					\$10	\$6,520		
Backfill & Compaction	439	CY					\$15	\$6,585		
<u>Concrete</u>										
Side Wall	66	CY	\$400	\$26,400	\$500	\$33,000	\$900	\$59,400		
Bottom Slab	21	CY	\$300	\$6,300	\$300	\$6,300	\$600	\$12,600		
Top Slab	14	CY	\$400	\$5,600	\$800	\$11,200	\$1,200	\$16,800		
Miscellaneous	5	CY	\$400	\$2,000	\$500	\$2,500	\$900	\$4,500		
Pump	2	EA	\$20,000	\$40,000	\$5,000	\$10,000	\$25,000	\$50,000		
Blower	2	EA	\$20,000	\$40,000	\$5,000	\$10,000	\$25,000	\$50,000		
Aeration Diffuser	1	LS	\$10,000	\$10,000	\$5,000	\$5,000	\$15,000	\$15,000		
Misc Piping and Valves	1	LS	\$15,000	\$15,000	\$5,000	\$5,000	\$20,000	\$20,000		
<b>Septate Holding Tank, Subtotal</b>								<b>\$241,405</b>	<b>\$41,477.87</b>	<b>\$282,883</b>
<b>Parshall Flume</b>										
Earthwork	22	CY					\$25	\$550		
Concrete	2	CY	\$400	\$800	\$500	\$1,000	\$900	\$1,800		
Parshall Flume	1	EA	\$1,500	\$1,500	\$1,500	\$1,500	\$3,000	\$3,000		
Flow Monitor Sensor and Indicator	1	EA	\$2,500	\$2,500	\$2,500	\$2,500	\$5,000	\$5,000		
Misc Piping and Pipe Connection	1	LS					\$5,000	\$5,000		
<b>Parshall Flume, Subtotal</b>								<b>\$15,350</b>	<b>\$2,637.42</b>	<b>\$17,987</b>
<b>Packaged Headworks</b>										
Excavation	1,145	CY					\$10	\$11,450		
Backfill & Compaction	617	CY					\$15	\$9,255		
<u>Concrete</u>										
Side Wall	47	CY	\$400	\$18,800	\$500	\$23,500	\$900	\$42,300		
Bottom Slab	42	CY	\$300	\$12,600	\$300	\$12,600	\$600	\$25,200		
Miscellaneous	8	CY	\$400	\$3,200	\$500	\$4,000	\$900	\$7,200		
Packaged Skid Unit System (Screen and Grit Chamber)	1	EA	\$350,000	\$350,000	\$20,000	\$20,000	\$370,000	\$370,000		
Misc Piping and Valve	1	LS	\$20,000	\$20,000	\$15,000	\$15,000	\$35,000	\$35,000		
<b>Packaged Headworks, Subtotal</b>								<b>\$500,405</b>	<b>\$85,978.89</b>	<b>\$586,384</b>

ITEM DESCRIPTION: (Specification as Available)	QUANTITY		MATERIAL COST		LABOR COST		MATERIAL AND LABOR		OVERHEAD	
	NUMBER	UNIT	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
<b>Influent Distribution Box</b>										
Earthwork	96	CY			\$25	\$2,400	\$25	\$2,400		
<u>Concrete</u>										
Side Wall	13	CY	\$400	\$5,200	\$500	\$6,500	\$900	\$11,700		
Bottom Slab	3	CY	\$300	\$900	\$300	\$900	\$600	\$1,800		
Gate	4	EA	\$7,000	\$28,000	\$3,000	\$12,000	\$10,000	\$40,000		
<u>SCE Piping</u>										
18" PVC (From Headwork Manhole to DB)	70	LF	\$50	\$3,500	\$40	\$2,800	\$90	\$6,300		
Fittings	5	EA	\$1,500	\$7,500	\$100	\$500	\$1,600	\$8,000		
12" PVC (From DB to Biolac Aeration Basin)	100	LF	\$30	\$3,000	\$35	\$3,500	\$65	\$6,500		
Fittings	5	EA	\$400	\$2,000	\$70	\$350	\$470	\$2,350		
Misc. Metals	1	LS	\$10,000	\$10,000	\$8,000	\$8,000	\$18,000	\$18,000		
<b>Distribution Boxes, Subtotal</b>								<b>\$97,050</b>	\$16,674.99	\$113,725
<b>Biolac Basin</b>										
Earthwork	8,250	CY			\$25	\$206,250	\$25	\$206,250		
Revetment	9,000	SF	\$6	\$54,000	\$2	\$18,000	\$8	\$72,000		
HDPE Liner	28,000	SF	\$0.8	\$22,400	\$0.5	\$14,000	\$1	\$36,400		
Geotextile Fabric	28,000	SF	\$0.4	\$11,200	\$0.5	\$14,000	\$1	\$25,200		
Integrated Clarifier Concrete	270	CY	\$400	\$108,000	\$500	\$135,000	\$900	\$243,000		
<u>Aeration System</u>										
Aeration Chain/Diffusers, Motorized valves,	1	LS	\$470,000	\$470,000	\$200,000	\$200,000	\$670,000	\$670,000		
Controls, Clarifier Equipment, and Startup										
Aeration Air Piping	400	LF	\$200	\$80,000	\$80	\$32,000	\$280	\$112,000		
Aeration Air Flowmeters	3	EA	\$5,000	\$15,000	\$2,500	\$7,500	\$7,500	\$22,500		
<u>Piping</u>										
16" SE from Clarifier to Existing 16" SCE Piping	500	LF	\$90	\$45,000	\$50	\$25,000	\$140	\$70,000		
Fittings	7	EA	\$1,500	\$10,500	\$100	\$700	\$1,600	\$11,200		
Precast Manhole	1	EA	\$2,000	\$2,000	\$1,000	\$1,000	\$3,000	\$3,000		
Misc. metals (pipe supports, bracket, etc...)	1	LS	\$30,000	\$30,000	\$30,000	\$30,000	\$60,000	\$60,000		
<b>Biolac Basin, Subtotal</b>								<b>\$1,531,550</b>	\$263,148.77	\$1,794,699
<b>Blower/MCC Building</b>										
Blowers with VFD and Controls	3	EA	\$50,000	\$150,000	\$10,000	\$30,000	\$60,000	\$180,000		
CMU Building	1,000	SF	\$60	\$60,000	\$40	\$40,000	\$100	\$100,000		
Miscellaneous Building Items	1	LS	\$30,000	\$30,000	\$15,000	\$15,000	\$45,000	\$45,000		
<b>Blower/MCC Building, Subtotal</b>								<b>\$325,000</b>	\$55,841.04	\$380,841



ITEM DESCRIPTION: (Specification as Available)	QUANTITY		MATERIAL COST		LABOR COST		MATERIAL AND LABOR		OVERHEAD	
	NUMBER	UNIT	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
<b>RAS/WAS Pump Station</b>										
Earthwork	40	CY			\$25	\$1,000	\$25	\$1,000		
Prefabricated Pump Station	2	EA	\$15,000	\$30,000	\$5,000	\$10,000	\$20,000	\$40,000		
Scum pumps	2	EA	\$17,000	\$34,000	\$3,000	\$6,000	\$20,000	\$40,000		
WAS pumps	2	EA	\$17,000	\$34,000	\$3,000	\$6,000	\$20,000	\$40,000		
<u>Piping and Fittings</u>										
12" RAS from Clarifier to DB	250	LF	\$30	\$7,500	\$35	\$8,750	\$65	\$16,250		
12" Ductile Iron (Elbow, Tee, Wye, etc.)	8	EA	\$400	\$3,200	\$70	\$560	\$470	\$3,760		
4" WAS/Scum from Biolac to WAS PS to Exist Digest	250	LF	\$20	\$5,000	\$35	\$8,750	\$55	\$13,750		
4" Ductile Iron (Elbow, Tee, Wye, etc.)	10	EA	\$150	\$1,500	\$70	\$700	\$220	\$2,200		
12" Valve	2	EA	\$5,500	\$11,000	\$1,000	\$2,000	\$6,500	\$13,000		
4" Valves	8	EA	\$1,500	\$12,000	\$300	\$2,400	\$1,800	\$14,400		
RAS, WAS Magmeter	2	EA	\$6,000	\$12,000	\$3,000	\$6,000	\$9,000	\$18,000		
Misc. Metals (pipe supports, brackets, stairs, grating etc...)	1	LS	\$30,000	\$30,000	\$15,000	\$15,000	\$45,000	\$45,000		
<b>RAS/WAS Pump Stations, Subtotal</b>								<b>\$247,360</b>	\$42,501.05	\$289,861
<b>Filtrate Pump Station</b>										
Submersible Chopper Pump	2	EA	\$13,500	\$27,000	\$5,000	\$10,000	\$18,500	\$37,000		
4" PVC Pipe to New Headworks	200	LF	\$35	\$7,000	\$20	\$4,000	\$55	\$11,000		
Misc Fittings and Valves	1	LS	\$4,000	\$4,000	\$1,500	\$1,500	\$5,500	\$5,500		
<b>Filtrate Pump, Subtotal</b>								<b>\$53,500</b>	\$9,192.29	\$62,692
<b>Secondary Effluent Pump Station</b>										
Remove Existing Coating	1	LS						\$15,000		
<b>Secondary Effluent Pump Station Subtotal</b>								<b>\$15,000</b>	\$2,577.28	\$17,577
<b>Dynasand Filters</b>										
Replace Filter Media (3 filters)	1	LS						\$80,000		
<b>Replace Filter Media Subtotal</b>								<b>\$80,000</b>	\$13,745.49	\$93,745
<b>Additional Improvements</b>										
Laboratory Building	\$1,324	S.F.	\$225	\$297,900	\$115	\$152,260	\$340	\$450,200		
Sludge Containment Structure - 20 FT X 40 FT	\$800	S.F.	\$80	\$64,000	\$70	\$56,000	\$150	\$120,000		
Rotary Drum Sludge Thickner w/support equipment (Polymer and Thickened Sludge Pumping) and piping	\$1	EACH	\$240,000	\$240,000	\$40,000	\$40,000	\$280,000	\$280,000		
Pre-engineered non-potable water system w/distribution piping	\$1	EACH	\$65,000	\$65,000	\$30,000	\$30,000	\$95,000	\$95,000		
Pre-engineered potable water system	\$1	EACH	\$20,000	\$20,000	\$20,000	\$20,000	\$40,000	\$40,000		
Existing electrical system unit integration into new electrical system	\$1	EACH	\$55,000	\$55,000	\$48,000	\$48,000	\$103,000	\$103,000		

ITEM DESCRIPTION: (Specification as Available)	QUANTITY		MATERIAL COST		LABOR COST		MATERIAL AND LABOR		OVERHEAD	
	NUMBER	UNIT	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
Demolition of laboratory building	\$1	EACH	\$15,000	\$15,000	\$20,000	\$20,000	\$35,000	\$35,000		
Paving of A.C. entrance road and laboratory building parking lot including area lighting	\$8,350	S.F.	\$5	\$39,663	\$4	\$33,400	\$9	\$73,100		
New generator set stand by self contained on a pad outdoors	\$1	EACH	\$210,000	\$210,000	\$65,000	\$65,000	\$275,000	\$275,000		
Additional drying beds near dynasand filter	\$9,000	S.F.	\$13	\$117,000	\$12	\$108,000	\$25	\$225,000		
<b>Additional Improvements Subtotal</b>								<b>\$1,696,300</b>	\$291,455.89	\$1,987,756
<b>Project Subtotal Without Electrical and Instrumentation</b>								<b>\$4,802,920</b>	\$825,230.98	\$5,628,151
<b>Electrical and Instrumentation</b>								<b>\$621,324</b>	\$106,755.02	\$728,079
<b>SUBTOTAL</b>								<b>\$5,424,244</b>	\$931,986.00	<b>\$6,356,230</b>
<b>TOTAL PROJECT COST (Rounded)</b>										<b>\$6,360,000</b>