



Attachment 5. Budget Summary

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Attachment 5. Budget Summary

Attachment 5 includes the estimated capital costs of each project in the application. Attachment 5 is presented in the following sub-sections:

- 5.1 Project Budget Summary
- 5.2 Proposal Budget Summary

5.1 PROJECT BUDGET SUMMARY

Intertie Projects between the City of El Centro, the City of Imperial, and the Heber Public Utilities District (Intertie Project)

Table 7 – Project Budget					
Proposal Title: Imperial Integrated Regional Water Management 2014 Drought Grant Proposal					
Project Title: Intertie Projects between the City of El Centro, the City of Imperial, and the Heber Public Utilities District					
Project serves a need of a DAC?: Yes No					
Funding Match Waiver request?: Yes No					
Category		(a)	(b)	(c)	(d)
		Requested Grant Amount	Cost Share: Non-State Fund Source* (Funding Match)	Cost Share: Other State Fund Source*	Total Cost
(a)	Direct Project Administration ¹	\$51,800	\$0	\$0	\$51,800
(b)	Land Purchase/Easement	\$0	\$0	\$0	\$0
(c)	Planning/Design/Engineering/ Environmental Documentation ²	\$207,200	\$0	\$0	\$207,200
(d)	Construction/Implementation ³	\$1,139,600	\$0	\$0	\$1,139,600
(e)	Grand Total (Sum rows (a) through (d) for each column)	\$1,398,600	\$0	\$0	\$1,398,600

*List sources of funding

Notes:

1. Direct Project Administration – based on 5% of total Construction Cost (based on labor estimates in **Table 5-2**)
2. Planning/Design/Engineering/ Environmental Documentation – based on 20% of total Construction Cost (based on experience with 10% Design and 10% Engineering Construction Management)
3. Construction Contingency – 25% with in-road construction containing multiple utility crossings and tunneling (based on past experience).

Project Budget Description

The Intertie Project Budget is based on a licensed Civil Engineer’s estimate of expected costs using the best available information based on unit materials and construction costs in the local region or in equivalent community. The detailed Project Budget is shown in **Table 5-1**.

Table 5-1. Detailed Intertie Project Budget

Benefitting Sponsoring Agencies/Location	Construction Items	Number of Units	Units	Unit Cost	Total Cost
	Pipelines				
Imperial -N.L. Brucherie	12”	1,900	LF	\$171	\$324,900
Imperial - N. 8th\Clark	12”	3,700	LF	\$171	\$632,700
Imperial - N. 8th\Clark	12” Trenchless	100	LF	\$300	\$30,000
Heber - Legacy	12”	320	LF	\$95	\$30,400
	Valves				
All	12 inch Positive Lock Valves	3	each	\$2,000	\$6,000
	Meters				
All	Bidirectional Flow Meter	3	each	\$4,000	\$12,000
Estimate Sub-Total					\$1,036,000
Construction Contingency		10%	Of Construction		\$103,600
Total Construction Estimate					\$1,139,600
Direct Project Administration		5%	Of Construction		\$51,800
Planning/Design/Engineering/Environmental Documentation		20%	Of Construction		\$207,200
Total Engineering Design, Construction Management, State Contracting		25%	Of Construction		\$259,000
Total Construction, Engineering, Contract Management and Reporting Costs					\$1,398,600

Long term maintenance and operations of the project is not expected to increase current operations costs or require additional maintenance resources beyond what is currently budgeted by the City of El Centro. Minimal power requirements may be needed to exercise valves and run metering instrumentation and automation. Data management and reporting will be limited to when events require intertie operation and water travels in either direction depending on the critical emergency water needs of the three agencies at any given moment in time.

Direct Project Administration level of effort and labor costs are presented in **Table 5-2** to provide an approximate level of effort for a project of this size. Since the estimated amount is approximately 5% of the total construction cost estimate, **\$51,800** (5% of construction cost) is kept as the budget amount.

Table 5-2. Administrative Cost Estimate based on Existing Labor Rates and Estimated Level of Effort

Project Staff	Chief/Director	Principal Civil Engineer	Senior Civil Engineer	Mechanical Supervisor	Total
Hourly Rate (includes Overhead)	\$ 115	\$ 96	\$ 77	\$ 87	
Hours Spent per Week Over 1 Year Project Cycle	1	2	4	5	12
Project Labor and OH Expenses Over 1 Year Project Cycle (52 weeks)	\$ 6,000	\$ 10,000	\$ 16,000	\$ 22,500	\$ 54,500 ¹

¹ or approximately 5% of construction cost shown in **Table 5-1**, this value is reduced to \$51,800 to reflect 5% estimate.

5.2 PROPOSAL SUMMARY BUDGET

Table 8 below is meant to show the funding match dollars for the region. In the case of the Intertie Project, the benefit areas covers two state DACs (City of El Centro and Heber Community), and the City of Imperial is considered to be 90% DAC, based on census block coverages. City of El Centro is the project lead and owner. No funding match dollars are available from these agencies.

Table 8 – Summary Budget						
Proposal Title: Imperial Integrated Regional Water Management 2014 Drought Grant 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)
(a)	Intertie Project	\$1,398,600	\$0	\$0	\$1,398,600	0%
(e)	Proposal Total	\$1,398,600	\$0	\$0	\$1,398,600	0%
(f)	DAC Funding Match Waiver Total				\$1,398,600	0%
(g)	Grand Total (of Matching Dollars) (Subtract row (e) from row (f) and recalculate column (e) – Funding Match %)				\$0	0%

*Project proponent is not seeking reimbursement of costs before January 17, 2014 but after January 1, 2010. Sponsoring agencies meet the state definition of a DAC as described in the 2014 Guidelines, and are requesting a waiver of the required funding match of 25%. No additional state funding sources are available.