

## 6 Grant Application Attachment 4: Budget

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The total project cost for the development of the IRWMP is \$1,357,000. This includes \$950,000 in IRWMP planning grant funds and an additional \$407,000 in local contributions and in-kind services supported by 100 percent cash reserves.

### 6.1 Cost Estimate Assumptions

Table 6-1 provides the overall project budget to prepare the IRWMP. The budget includes (1) consultant support, funded by this grant application to primarily complete the technical analysis and, (2) in-kind services and local contributions by the local participating agencies to primarily provide project coordination and public outreach. A brief description of the in-kind services is presented below to quantify the level of effort required of the Gateway Authority.

This is followed by a brief description of the cost estimate for the consultant support.

#### 6.1.1 General Assumptions

The following assumptions were used to develop the cost estimate of the in-kind services:

- The project duration is assumed to be 18 months.
- The Gateway Authority Board of Directors would consist of 15 to 20 active members and would have 15 monthly meetings and roughly 3 additional special meetings as required.

#### 6.1.2 Staff Assumptions for In-Kind Services

The Executive Officer and administrative staff will have a high level of involvement in the development of the IRWMP and in coordinating the efforts of the members of the Gateway Authority, their participating agencies, and other interested parties.

Administrative staff time to support the Executive Director is included. The anticipated level of effort for each task is presented in Table 6-1 and briefly described below.

- **Executive Officer.** The Executive Officer is anticipated to spend about twenty [20] hours per month on the project. Much of this time includes participating in project meetings and coordination efforts among the Gateway Authority, project participants, stakeholders, and other interested parties. In addition, the Executive Officer will provide project management for the participating agencies and the consultant(s).

- **Administrative Staff.** Administrative staff will spend about thirteen [13] hours per month per agency, primarily supporting meetings and the overall project management and administration.

### **6.1.3 Gateway Authority Member Agency Assumptions for In-Kind Services**

Each member on the Board of Directors is anticipated to spend about 5 hours on average per month on the development of the IRWMP during the 18-month project duration.

### **6.1.4 Cost Estimate Assumptions for Consultant Support**

Qualified consultants will be retained to support the efforts of the participating local agencies to develop the IRWMP. An engineering consultant(s) will complete much of the technical analysis needed to complete the IRWMP, support the public outreach activities, and prepare the draft and final IRWMP. The estimated level of effort for consultant support is shown on Table 7-1 and the associated costs of an experienced consulting firm that prepares IRWMPs are based on 2010 rates.

## **6.2 Non-State Matching Funds**

Current estimated match is 30 percent of the total project cost, which is greater than the minimum match of 25 percent required in the PSP. About \$100,000 in allowable direct costs has already been expended by the Gateway Authority for staff, consultants, and legal services in the pursuit of developing an integrated regional water management Plan. An additional \$31,000 of direct costs for meeting expenses and web page upgrades and maintenance is also expected. Additional staff work will be needed during the IRWMP development and these costs will be borne by the Gateway Authority.

The Gateway Authority will account for in-kind services by staff and member representatives as part of its non-State funding match. Directors on the Gateway Authority Board are city council members, managers, water district staff, or their representatives, and are an expense to their member agencies while working on the Plan. They are not voluntary positions, and as such, their time spent on Plan development qualifies as a matching cost share.

The Gateway Authority will initiate a simple accounting system to verify the hours devoted to the development of the plan by agency representatives, Gateway Authority staff, and associated consultants and service providers to verify the matching fund requirements for the grant. (The Gateway Authority has informally asked DWR to provide a standardized form for such purposes.) Should this accounting show that additional non-state matching funds are required; the Gateway Authority is prepared to spend additional funds from its own existing resources.

**TABLE 6-1  
LA Gateway Region- IRWMP  
Budget**

Task Number/Name	Consultant												In-Kind Services (Supported by 100% Cash Reserves) and Local Contribution							TOTAL	GA or Member Funded	Grant Funded Costs		
	Senior Principal Engineer	Principal Engineer/Geologist	Managing Senior Engineer	Senior Engineer/Geologist	Associate Engineers/Geologists	Staff Engineer	GIS	AA, Clerical, & Graphics	TOTAL	TOTAL	OTHER	SUBTOTAL	GA Reps	Executive Officer	Admin & Clerical	TOTAL	TOTAL In-Kind	OTHER (Local Contrib.)	In-Kind & Local Contrib.					
	Project Manager	Data System Mgmt Spec	Senior Engr	Climate Change/Hydrogeo	Associate Engineers/Geologists	Staff Engineer																		
	Grade 8	Grade 7	Grade 6	Grade 5	Grade 4	Grade 1 or 2	Grade 3																	
\$225	\$200	\$169	\$148	\$125	\$102	\$112	\$82	LABOR HOURS	LABOR COSTS	DIRECT COSTS	PROJECT COSTS	\$100	\$180	\$70	LABOR HOURS	LABOR COSTS	DIRECT COSTS	PROJECT COSTS						
<b>Task 1 - Continued Formulation of the Gateway Authority (GA)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>160</b>	<b>20</b>	<b>20</b>	<b>200</b>	<b>\$21,000</b>	<b>\$100,000</b>	<b>\$121,000</b>	<b>\$121,000</b>	<b>\$121,000</b>	<b>\$121,000</b>	<b>\$121,000</b>	<b>\$0</b>
1.1 Continue Formulation of Gateway Authority	0	0	0	0	0	0	0	0	0	0	0	0	160	20	20	200	\$21,000	\$100,000	\$121,000	\$121,000	\$121,000	\$121,000	\$121,000	\$0
<b>Task 2 - Public Involvement Process and Meetings</b>	<b>196</b>	<b>0</b>	<b>148</b>	<b>20</b>	<b>0</b>	<b>210</b>	<b>0</b>	<b>196</b>	<b>770</b>	<b>\$109,564</b>	<b>\$18,471</b>	<b>\$128,035</b>	<b>1320</b>	<b>170</b>	<b>148</b>	<b>1638</b>	<b>\$172,960</b>	<b>\$31,000</b>	<b>\$203,960</b>	<b>\$331,995</b>	<b>\$203,960</b>	<b>\$128,035</b>	<b>\$203,960</b>	<b>\$128,035</b>
2.1 Initial Public Meeting	20	0	32	0	0	40	0	32	124	\$16,612	\$1,000	\$17,612	80	30	16	126	\$14,520	\$2,000	\$16,520	\$34,132	\$16,520	\$17,612	\$16,520	\$17,612
2.2 Develop Stakeholder List and Involvement Plan	40	0	40	0	0	40	0	40	160	\$23,120	\$1,500	\$24,620	80	20	16	116	\$12,720	\$15,000	\$27,720	\$52,340	\$27,720	\$24,620	\$27,720	\$24,620
2.3 Public Meeting on Draft IRWMP	16	0	16	0	0	40	0	24	96	\$12,352	\$1,000	\$13,352	80	20	16	116	\$12,720	\$2,000	\$14,720	\$28,072	\$14,720	\$13,352	\$14,720	\$13,352
2.4 Monthly and Special GA Meetings	120	0	60	20	0	90	0	100	390	\$57,480	\$14,971	\$72,451	1080	100	100	1280	\$133,000	\$12,000	\$145,000	\$217,451	\$145,000	\$72,451	\$145,000	\$72,451
<b>Task 3 - Solicit and Hire Consultant</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>30</b>	<b>60</b>	<b>8</b>	<b>98</b>	<b>\$14,360</b>	<b>\$0</b>	<b>\$14,360</b>	<b>\$14,360</b>	<b>\$14,360</b>	<b>\$14,360</b>	<b>\$14,360</b>	<b>\$0</b>
3.1 Solicit Consultant to Prepare IRWMP	0	0	0	0	0	0	0	0	0	\$0	\$0	\$0	30	60	8	98	\$14,360	\$0	\$14,360	\$14,360	\$14,360	\$14,360	\$14,360	\$0
3.2 Select Consultant to Prepare and Complete IRWMP	0	0	0	0	0	0	0	0	0	\$0	\$0	\$0	0	0	0	0	\$6,600	\$0	\$6,600	\$6,600	\$6,600	\$6,600	\$6,600	\$0
<b>Task 4 - Consultant Prepares Draft IRWMP Materials</b>	<b>334</b>	<b>250</b>	<b>575</b>	<b>290</b>	<b>510</b>	<b>1110</b>	<b>240</b>	<b>298</b>	<b>3379</b>	<b>\$493,531</b>	<b>\$3,500</b>	<b>\$497,031</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$497,031</b>	<b>\$0</b>	<b>\$497,031</b>	<b>\$0</b>	<b>\$497,031</b>
4.1 Refine and Enhance Planning Objectives for IRWMP	16	0	40	0	0	0	0	16	72	\$11,672	\$0	\$11,672	0	0	0	0	\$0	\$0	\$0	\$11,672	\$0	\$11,672	\$0	\$11,672
4.2 Develop Water Budget	24	20	40	0	40	100	60	30	314	\$40,540	\$0	\$40,540	0	0	0	0	\$0	\$0	\$0	\$40,540	\$0	\$40,540	\$0	\$40,540
4.3 Compile and Analyze Storm Water Runoff Information	3	40	20	0	40	100	40	30	273	\$34,195	\$0	\$34,195	0	0	0	0	\$0	\$0	\$0	\$34,195	\$0	\$34,195	\$0	\$34,195
4.4 Compile Existing Water Quality Information	3	40	20	0	50	100	40	30	283	\$35,445	\$0	\$35,445	0	0	0	0	\$0	\$0	\$0	\$35,445	\$0	\$35,445	\$0	\$35,445
4.5 Develop Integrated Management Strategies for Region	40	0	40	40	40	80	0	30	270	\$37,300	\$0	\$37,300	0	0	0	0	\$0	\$0	\$0	\$37,300	\$0	\$37,300	\$0	\$37,300
4.6 Develop Projects to Address Strategies	32	0	60	0	40	80	0	20	232	\$32,140	\$0	\$32,140	0	0	0	0	\$0	\$0	\$0	\$32,140	\$0	\$32,140	\$0	\$32,140
4.7 Project Feasibility and Other Factors Review	16	0	30	0	30	50	0	20	146	\$19,160	\$0	\$19,160	0	0	0	0	\$0	\$0	\$0	\$19,160	\$0	\$19,160	\$0	\$19,160
4.8 Integration Review	16	0	40	20	30	50	0	20	176	\$23,810	\$0	\$23,810	0	0	0	0	\$0	\$0	\$0	\$23,810	\$0	\$23,810	\$0	\$23,810
4.9 Environmental Justice review	16	0	40	0	20	50	0	10	136	\$18,780	\$0	\$18,780	0	0	0	0	\$0	\$0	\$0	\$18,780	\$0	\$18,780	\$0	\$18,780
4.10 Climate Change Vulnerability and Mitigation Review	16	0	20	40	20	60	0	10	166	\$22,340	\$0	\$22,340	0	0	0	0	\$0	\$0	\$0	\$22,340	\$0	\$22,340	\$0	\$22,340
4.11 DAC Issues Review	16	0	40	0	0	60	0	10	126	\$17,300	\$0	\$17,300	0	0	0	0	\$0	\$0	\$0	\$17,300	\$0	\$17,300	\$0	\$17,300
4.12 Conduct Project Prioritization and Review Process	30	0	40	0	40	80	0	20	210	\$28,310	\$0	\$28,310	0	0	0	0	\$0	\$0	\$0	\$28,310	\$0	\$28,310	\$0	\$28,310
4.13 Develop IRWMP Implementation Component and Financial Plan	30	0	40	30	0	80	0	20	200	\$27,750	\$0	\$27,750	0	0	0	0	\$0	\$0	\$0	\$27,750	\$0	\$27,750	\$0	\$27,750
4.14 Determine Impacts and Benefits	20	0	20	40	40	60	0	8	188	\$25,576	\$0	\$25,576	0	0	0	0	\$0	\$0	\$0	\$25,576	\$0	\$25,576	\$0	\$25,576
4.15 Review Groundwater Monitoring Program	20	30	30	40	60	60	40	8	288	\$40,246	\$1,500	\$41,746	0	0	0	0	\$0	\$0	\$0	\$41,746	\$0	\$41,746	\$0	\$41,746
4.16 Develop Data Management Methods	16	80	35	40	40	40	40	8	299	\$45,651	\$2,000	\$47,651	0	0	0	0	\$0	\$0	\$0	\$47,651	\$0	\$47,651	\$0	\$47,651
4.17 Develop Plan Monitoring	20	40	20	40	20	60	20	8	228	\$33,316	\$0	\$33,316	0	0	0	0	\$0	\$0	\$0	\$33,316	\$0	\$33,316	\$0	\$33,316
<b>Task 5 - Draft IRWMP for Gateway Authority</b>	<b>116</b>	<b>30</b>	<b>112</b>	<b>32</b>	<b>60</b>	<b>100</b>	<b>60</b>	<b>120</b>	<b>630</b>	<b>\$90,024</b>	<b>\$6,800</b>	<b>\$96,824</b>	<b>220</b>	<b>71</b>	<b>50</b>	<b>341</b>	<b>\$38,280</b>	<b>\$0</b>	<b>\$38,280</b>	<b>\$135,104</b>	<b>\$38,280</b>	<b>\$96,824</b>	<b>\$135,104</b>	<b>\$38,280</b>
5.1 Prepare Administrative Draft IRWMP	60	30	60	32	60	100	60	120	522	\$68,636	\$3,000	\$71,636	0	0	0	0	\$0	\$0	\$0	\$71,636	\$0	\$71,636	\$0	\$71,636
5.2 Review of Administrative Draft by Participating Agencies-GA	40	0	40	0	0	0	0	0	80	\$15,760	\$3,000	\$18,760	190	50	50	290	\$31,500	\$0	\$31,500	\$50,260	\$31,500	\$18,760	\$50,260	\$18,760
5.3 GA Review and Approval of Administrative Draft IRWMP	16	0	12	0	0	0	0	0	28	\$5,628	\$800	\$6,428	15	20	0	35	\$5,100	\$0	\$5,100	\$11,528	\$5,100	\$6,428	\$11,528	\$6,428
5.4 Approval by GA for Public Release of IRWMP	0	0	0	0	0	0	0	0	0	\$0	\$0	\$0	15	1	0	16	\$1,680	\$0	\$1,680	\$1,680	\$1,680	\$1,680	\$1,680	\$0
<b>Task 6 - Draft IRWMP for Public Review</b>	<b>70</b>	<b>30</b>	<b>120</b>	<b>40</b>	<b>40</b>	<b>140</b>	<b>80</b>	<b>160</b>	<b>680</b>	<b>\$89,310</b>	<b>\$2,000</b>	<b>\$91,310</b>	<b>40</b>	<b>40</b>	<b>0</b>	<b>80</b>	<b>\$11,200</b>	<b>\$0</b>	<b>\$11,200</b>	<b>\$102,510</b>	<b>\$11,200</b>	<b>\$91,310</b>	<b>\$102,510</b>	<b>\$11,200</b>
6.1 Prepare Public Draft of IRWMP	40	30	60	40	40	80	40	80	410	\$55,260	\$2,000	\$57,260	0	0	0	0	\$0	\$0	\$0	\$57,260	\$0	\$57,260	\$0	\$57,260
6.3 Review and Incorporate Public Comments into IRWMP	30	0	60	0	0	60	40	80	270	\$34,050	\$0	\$34,050	40	40	0	80	\$11,200	\$0	\$11,200	\$45,250	\$11,200	\$34,050	\$45,250	\$34,050
<b>Task 7 - Prepare Final IRWMP</b>	<b>88</b>	<b>20</b>	<b>96</b>	<b>20</b>	<b>40</b>	<b>60</b>	<b>30</b>	<b>88</b>	<b>442</b>	<b>\$64,680</b>	<b>\$18,800</b>	<b>\$83,480</b>	<b>40</b>	<b>20</b>	<b>0</b>	<b>60</b>	<b>\$7,600</b>	<b>\$0</b>	<b>\$7,600</b>	<b>\$91,080</b>	<b>\$7,600</b>	<b>\$83,480</b>	<b>\$91,080</b>	<b>\$7,600</b>
7.1 Consultant Prepares Final IRWMP	40	20	40	8	40	40	30	40	258	\$36,664	\$5,000	\$41,664	0	0	0	0	\$0	\$0	\$0	\$41,664	\$0	\$41,664	\$0	\$41,664
7.2 Adoption of IRWMP by Participating Agencies Governing Board	40	0	40	0	0	0	0	0	80	\$15,760	\$3,000	\$18,760	40	20	0	60	\$7,600	\$0	\$7,600	\$26,360	\$7,600	\$18,760	\$26,360	\$18,760
7.3 Final IRWMP submitted to DWR/SWRCB	8	0	0	12	0	20	0	8	48	\$6,272	\$800	\$7,072	0	0	0	0	\$0	\$0	\$0	\$7,072	\$0	\$7,072	\$0	\$7,072
7.4 Prepare Copies of Final Report	0	0	16	0	0	0	0	40	56	\$5,984	\$10,000	\$15,984	0	0	0	0	\$0	\$0	\$0	\$15,984	\$10,000	\$15,984	\$15,984	\$15,984
<b>Task 8 - Project Administration and Management</b>	<b>150</b>	<b>0</b>	<b>60</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>115</b>	<b>325</b>	<b>\$53,320</b>	<b>\$0</b>	<b>\$53,320</b>	<b>0</b>	<b>55</b>	<b>10</b>	<b>65</b>	<b>\$10,600</b>	<b>\$0</b>	<b>\$10,600</b>	<b>\$63,920</b>	<b>\$10,600</b>	<b>\$53,320</b>	<b>\$63,920</b>	<b>\$10,600</b>
8.1 Contract Administration	30	0	0	0	0	0	0	15	45	\$7,980	\$0	\$7,980	0	15	10	25	\$3,400	\$0	\$3,400	\$11,380	\$3,400	\$7,980	\$11,380	\$7,980
8.2 Project Management	40	0	0	0	0	0	0	40	80	\$12,280	\$0	\$12,280	0	10	0	10	\$1,800	\$0	\$1,800	\$14,080	\$1,800	\$12,280	\$14,080	\$12,280
8.3 Project Reporting	80	0	60	0	0	0	0	60	200	\$33,060	\$0	\$33,060	0	30	0	30	\$5,400	\$0	\$5,400	\$38,460	\$5,400	\$33,060	\$38,460	\$33,060
<b>TOTALS Total Hours</b>	<b>954</b>	<b>330</b>	<b>1111</b>	<b>402</b>	<b>650</b>	<b>1620</b>	<b>410</b>	<b>977</b>	<b>6226</b>															