

10 ATTACHMENT 4: BUDGET

Scoring will be based on whether the applicant has presented a detailed and specific budget that adequately documents the project costs, and ongoing O&M costs. A higher score will be awarded if there is: a) a summary budget provided for the project proposal; b) detailed costs shown for each project; c) all the costs shown in the budget are supported by documentation; and d) the ongoing O&M costs are budgeted.

For each project provide detailed budget documentation supporting the costs shown in Table 7, Project Budget. For each budget category shown in Table 7, there may be several tasks and sub-tasks.

Applicants should also identify funding for the Data Management and Monitoring Deliverables identified in the Work Plan, including any data sharing efforts with the applicable State databases.

10.1 Proposal Budget

The Kaweah Region is requesting total grant funds in the amount of \$1,433,960 for two projects, including grant administration. The projects include \$850,000 in matching funds for a total combined project amount of \$2,283,960. The Well 15 Water Quality Project is a DAC project, but the Packwood Creek Recharge Project has an individual matching percentage ranging of 45%. The overall application match is 37%.

DWR Economic Table 7 and a detailed Project specific budget is included with each Project summary.

The Applicant and the Project Proponents recognize that DWR may not have sufficient funds to cover the complete budgets of all of the projects submitted. These projects are submitted at a scale which will have the maximum benefits within the available funding constraints. However each of them can be scaled back to reduce costs if necessary, as follows:

- The Packwood Creek Recharge Project is primarily composed of 5 new or modified water control structures in Packwood Creek and three turnout structures from Tulare ID's Main Intake Canal. If only partial funding is available, the Project is scalable. Structures could be excluded from the Project and undertaken if and when others funds become available. However, the benefits generated by the Project would be reduced through their exclusion.

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- The Well 15 Water Quality Project is a DAC project and is not able to be scaled since scaling the construction removes the benefit of the project.

If circumstances make it necessary, the Applicant and the Project Proponents will meet with DWR staff to produce a revised scope of work and budget.

Table 10-1: Kaweah Region - Table 8

Table 8 – Summary Budget						
Proposal Title: <u>2013 Groundwater Recharge and Water Quality Protection Projects Proposal</u>						
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)	Packwood Creek Recharge Project	\$1,032,560	\$850,000	\$0	\$1,882,560	45.2%
(b)	Well 15 Water Quality Project	\$401,400	\$0	\$0	\$401,400	0.0%
(c)	Project C	--	--	--	--	
(d)	Project D	--	--	--	--	
(e)	Project E	--	--	--	--	
(f)	Project F	--	--	--	--	
(g)	Project G	--	--	--	--	
(h)	Project H (add more rows for additional projects as necessary)	--	--	--	--	
(i)	Proposal Total (Sum rows (a) through (h) for each column)	\$1,433,960	\$850,000	\$0	\$2,283,960	37.2%
(j)	DAC Funding Match Waiver Total (Sum column (d) only for projects seeking DAC funding match waiver in rows (a) through (h))				\$401,400	
(k)	Grand Total (Subtract row (j) from row (i) and recalculate column (e) – Funding Match %)	\$1,433,960	\$850,000	\$0	\$1,882,560	45.2%

10.2 Packwood Creek Recharge Project Budget

The budget details in this attachment are organized into a format provided with the grant Proposal Solicitation Package. See below for detailed breakdown of all tasks and construction costs described in the Work Plan. The costs associated are reasonable as they are based primarily from actual costs associated with similar tasks for other channel structures and construction projects. All construction costs are based on local prevailing wage rates. See **Appendix A of Attachment 4** for a copy of the budget.

Of the total \$1,882,560 project, the Project partners are contributing \$850,000 or a cost share of 45%.

10.2.1 Row (a) Administration

Proposal reporting costs from Kaweah Delta WCD to DWR were included in this cost category. Project costs will be tracked and invoiced according to the main project tasks, and not according to sub-task. The person identified to do this reporting will be Mr. Larry Dotson, Kaweah Delta WCD's Senior Engineer, who will also be the Proposal Manager for Kaweah Delta WCD. An hourly cost of \$61.25 per hour was included to cover the District's effort through Mr. Dotson's time in proposal reporting. The listed hourly cost includes Mr. Dotson's wages and benefits. Grant funds were requested for these costs.

10.2.2 Row (b) Land Purchase/Easement

The new structures will be constructed in the Packwood Creek channel and the Tulare ID Main Intake Canal. For that reason they will not require any right of way acquisition. Therefore, no project costs were included in this cost category.

10.2.3 Row (c) Planning/Design/Engineering/Environmental Documentation

The fees for planning, design, engineering and environmental documentation are based on estimated tasks and subtasks. These estimates were created largely based on the efforts to plan and design similar projects.

The design of the Packwood Creek Recharge Project is currently at the 75% conceptual design stage and will require further development before the project can be constructed by a contractor.

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Table 10-2: Packwood Creek Recharge Project – Table 7

Table 7 – Project Budget					
Proposal Title: <u>2013 Groundwater Recharge and Water Quality Protection Projects Proposal</u>					
Project Title: <u>Packwood Creek Recharge Project</u>					
Project serves a need of a DAC?: "Yes" or "No"					
Funding Match Waiver request?: "Yes" or "No"					
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 Costs	\$0.00	\$50,000.00	\$0.00	\$50,000.00
(b)	Land Purchase/Easement	\$0.00	\$0.00	\$0.00	\$0.00
(c)	Planning/Design/Engineering/ Environmental Documentation	\$292,160.00	\$0.00	\$0.00	\$292,160.00
(d)	Construction/Implementation	\$532,000.00	\$800,000.00	\$0.00	\$1,332,000.00
(e)	Environmental Compliance/ Mitigation/Enhancement	\$0.00	\$0.00	\$0.00	\$0.00
(f)	Construction Administration	\$50,000.00	\$0.00	\$0.00	\$50,000.00
(g)	Other Costs	\$0.00	\$0.00	\$0.00	\$0.00
(h)	Construction/Implementation Contingency	\$158,400.00	\$0.00	\$0.00	\$158,400.00
(i)	Grand Total (Sum rows (a) through (h) for each column)	\$1,032,560.00	\$850,000.00	\$0.00	\$1,882,560.00

**List sources of funding: Use as much space as required*
 1) \$800,000 of Federal funding from Bureau of Reclamation
 2) \$50,000 of Local Funds from the Visalia Water Management Committee

The following efforts are described in the work plan and included in the project budget as Planning/Design/Engineering/Environmental Documentation efforts.

- Basis of Design Study;
- Geotechnical Investigation;
- Existing Utility Investigation;
- Packwood Creek Recharge Project Design
 - Construction drawing development;
 - Project specification development;
 - Contract and bidding document development.
- NEPA/CEQA Documentation
 - Preliminary Biological Assessment;
 - Development of Environmental Checklist;

- Provide and update to the Preliminary biological assessment;
- Development of Draft Mitigated Negative Declaration;
- Generation of the Final Mitigated Negative Declaration.
- Project Permitting
 - California Department of Fish and Wildlife streambed alteration permit (1602 Permit);
 - Army Corps of Engineers Clean Water Act permit (404 Permit);
 - Regional Water Quality Control Board Storm Water Pollution Prevention Plan (SWPPP);
 - Air Resources Board Dust Control Plan (DCP);
 - Consolidated-Peoples Ditch Company Water Diversion Agreement.

The costs included in the project budget for these efforts were developed from the man-hour estimates developed by the Project partners' (City of Visalia, Kaweah Delta WCD and Tulare ID) consultant. These man-hour estimates outlined the work items involved in the efforts, estimated the required costs per task, quantified the number hours for each person on the project team and the cost per hour for their involvement in the effort, estimated the approximate schedule for the major tasks involved in the effort, and described the potentially related efforts to the study that were not included in the submitted proposal. The average hourly rate shown in individual lines of the project budget are developed from the more specific man-hour estimates for the portions of the work. The total cost for the effort was divided through by the total number of hours shown to be necessary to develop an average cost per hour for the project team involved. This average cost per hour was then applied to the total number of hours required for the effort to account for the cost associated with the effort in the overall project budget.

10.2.4 Row (d) Construction/Implementation

Construction and implementation fees are estimates based on similar projects' expenses.

10.2.4.1 Contractor Selection and Bid Award

The effort included in the project budget for the selection of the successful low-bidding contract and the bid award by Kaweah Delta WCD were developed from the efforts recently necessary to accomplish other similar efforts for construction projects by the Kaweah Delta WCD. These previous efforts were evaluated for the time required and how applicable they were to the proposed project. Then reasonable adjustments were made for particular aspects of the project that differed or needed to be accounted for.

This was the basis for a man-hour estimate for the effort to review submitted bids, select the successful low-bidding contract and award the contract from Kaweah Delta WCD.

This estimate quantified the anticipated costs per task, quantified the number hours for each person on the project team and the cost per hour for their involvement in the effort, estimated the approximate schedule for the major tasks involved in the effort, and described the potentially related efforts to the study that were not included in the submitted proposal. The average hourly rate shown in the project budget is developed from the more specific man-hour estimate for the generation of effort that was generated by Kaweah Delta WCD's consultant. The total cost for the effort was divided through by the total number of hours shown to be necessary to develop an average cost per hour for the project team involved. This average cost per hour was then applied to the total number of hours required for the effort to account for the cost associated with the effort in the overall project budget.

10.2.4.2 Construction Costs

The construction costs estimated for the Project facilities were developed from a unit take-off from the current project plans. This effort was undertaken to develop an opinion of probable construction costs for the current 75% design plans. The unit prices for portions of the constructed effort were compiled by the City's consulting engineer from project bid summaries from within the last 24-months associated with similar construction project within the local area that the consultant was involved with. This process was followed for the following construction efforts broken out in the project budget:

- Construction of the Water Retention Facilities:
 - Mobilization and Site Preparation;
 - Demolition of existing temporary earthen facility;
 - Construct reinforced concrete weir control structure;
 - Construct water control structure;
 - Furnish and install water control gate;
 - Construct new turnouts; and
 - Development of remote monitoring capability.

10.2.5 Row (e) Environmental Compliance/Mitigation/Enhancement

Environmental Compliance/Mitigation/Enhancement costs were estimates based on similar projects' expenses. The environmental compliance effort accounted for in the

project budget involves a biological site survey prior to construction beginning for each portion of the project. This site survey will be accomplished by a qualified environmental consultant. Results from the site survey will be documented and recorded for Kaweah Delta WCD. The Project partners will be made immediately aware of any issues identified.

10.2.6 Row (f) Construction Administration

Construction administration costs are based on estimated requirements needed to manage the project, observe construction and administer the construction contract. As the project's design has not yet been completed, the hours for construction inspection and administration were estimated by a consultant to the Project partners based on similar local efforts accomplished in the recent years. This estimate outlined the work items involved in the construction management for different portions of the construction for the facility. The proposal estimated the required costs per task, quantified the number hours for each person on the project team and the cost per hour for their involvement in the effort, estimated the approximate schedule for the major tasks involved in the effort, and described the potentially related efforts to the study that were not included in the submitted proposal.

The average hourly rate shown in the project budget is developed from the more specific man-hour estimate for the generation of new easements in support of project right-of-way acquisition that was generated by the City of Visalia's consultant. The total cost for the effort was divided through by the total number of hours shown to be necessary to develop an average cost per hour for the project team involved. This average cost per hour was then applied to the total number of hours required for the effort to account for the cost associated with the effort in the overall project budget.

10.2.7 Row (g) Other Costs

No costs were included in this category.

10.2.8 Row (h) Construction/Implementation Contingency

Construction/Implementation Contingency costs were estimates based on similar projects' expenses. The contingencies account for uncertainty in designs, construction costs, and allowance for neglected items. A ten percent (10%) contingency was used for this project because the project's development is only to the 75% conceptual design level.

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10.2.9 Ongoing O&M Costs

Operation & Maintenance costs were discussed with the Kaweah Delta WCD Senior Engineer and were based on their standard practices. It was estimated that to maintain the five automated gates in the Project it would take one staff member approximately 8 hours at \$35/hour. Also, it was that it would require one staff member approximately 8 hours per year to operate the automated gates (during a 20 day run). These timeframes at the district staff operators rate total approximately \$600/year. These costs were not included in the Project submittal for grant funding.

10.3 Well 15 Water Quality Project Budget

Supporting documentation for the costs included in the City of Lindsay Well No. 15 Pipeline Segment and Sampling Stations Project (Project) budget can be found in **Appendix B of Attachment 4**.

Table 10-3: Well 15 Water Quality Project Summary Budget Table

Table 7 – Project Budget				
Proposal Title: <u>2013 Groundwater Recharge and Water Quality Projects Proposal</u>				
Project Title: <u>Well No. 15 Pipeline Segment and Sampling Stations 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)	(c) Cost Share: Other State Fund Source*	(d) Total Cost
(a) Direct Project Administration	\$ 16,600	\$ -	\$ -	\$ 16,600
(b) Land Purchase/Easement	\$ 2,000	\$ -	\$ -	\$ 2,000
(c) Planning/Design/Engineering/ Environmental Documentation	\$ 77,500	\$ -	\$ -	\$ 77,500
(d) Construction/Implementation	\$ 243,700	\$ -	\$ -	\$ 243,700
(e) Environmental Compliance/ Mitigation/Enhancement	\$ 2,000	\$ -	\$ -	\$ 2,000
(f) Construction Administration	\$ 5,000	\$ -	\$ -	\$ 5,000
(g) Other Costs	\$ 7,000	\$ -	\$ -	\$ 7,000
(h) Construction/Implementation Contingency	\$ 47,600	\$ -	\$ -	\$ 47,600
(i) Grand Total (Sum rows (a) through (h) for each column)	\$ 401,400	\$ -	\$ -	\$ 401,400

10.3.1 Row (a) Direct Project Administration

Project administration will be accomplished by the City of Lindsay's (City) Director of City Services. All Grant reporting will be accomplished by the Kaweah Delta Water Conservation District's (KDWCD) Projects/Administration Manager, in conjunction with the KDWCD's Consultant Engineer. KDWCD's Projects/Administration Manager and Consultant Engineer have hourly rates of \$61.25 and \$150.00, respectively. Costs for the project administration are budgeted at approximately one percent (1%) of the total Project cost. Costs for Grant reporting are budgeted at approximately one percent (1%) of the total Project cost. These costs were developed based on similar costs that are currently being spent as part of the Kaweah River Basin IRWM Round 1 Implementation Grant.

A Department of Industrial Relations approved labor compliance manual will be developed and used to implement labor compliance in accordance with the requirements of California Labor Code §1771.5(b). KDWCD will administer and implement the labor compliance plan through their labor compliance consultant. KDWCD's Labor Compliance Manager has an hourly rate of \$75.00. Costs associated with the Labor Compliance Program are budgeted at approximately two percent (2%) of the total Project construction cost and were developed based on similar costs currently being spent as part of the Kaweah River Basin IRWM Round 1 Implementation Grant.

10.3.2 Row (b) Land Purchase/Easement

The City will need to obtain three (3) easements for the construction of the Chlorine Residual Sampling Stations. The three (3) easements are predicted to incorporate a total of 40 square feet of land. It is estimated that these easements will be obtained at a cost of \$50.00 per square foot.

10.3.3 Row (c) Planning/Design/Engineering/Environmental Documentation

The design of the Project is currently at the 10% conceptual design stage. Final Design efforts are described in the Project work plan and associated costs per hour, per discipline are listed below for all design efforts (30% concept, 60% design, 90% pre-final, and 100% design) for the \$32,000, as listed Project Budget found in **Appendix B of Attachment 4**. The total number of hours for the design effort was obtained by dividing the total design budget by the average cost per hour.

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Design Discipline	Hourly Rate
Principal Engineer	\$150.00
Registered Engineer	\$102.00
Senior Drafting Technician	\$85.00
Average Hourly Cost	\$112.33
Total Hours	285

Budgeted environmental documentation costs, which include the development of all required CEQA documents as described in the Project work plan total \$3,000 as listed in the Project Budget found in **Appendix B of Attachment 4**. Associated costs per hour, per discipline are listed below along with the total number of hours for the environmental documentation effort, which was obtained by dividing the total listed budget by the average cost per hour.

Environmental Documentation Development Discipline	Hourly Rate
Principal Engineer	\$150.00
Registered Engineer	\$102.00
Average Hourly Cost	\$126.00
Total Hours	24

Budgeted Construction Inspection/Testing costs, which total \$42,500, as listed in the Project Budget found in **Appendix B of Attachment 4**, include the Project Resident Inspector, construction surveying services, materials testing and water quality testing are as listed below. Associated costs per hour, per discipline, are listed below along with the total number of hours for the inspection/testing effort, which was obtained by dividing the total listed budget by the average hourly cost per hour.

Construction Inspection/Testing Discipline	Hourly Rate	Total Hours
Resident Inspector	\$100.00	285
Two-Man Crew Survey Team	\$200.00	20
Water Quality Testing, including lab work	\$100.00	50
Geotechnical Engineer	\$100.00	50

10.3.4 Row (d) Construction/Implementation

10.3.4.1 Contractor Selection and Bid Award

The Construction Contracting costs, which total \$6,000, as listed in the Project Budget found in **Appendix B of Attachment 4**, were developed from similar efforts recently accomplished by KDWCD’s Consultant Engineer for public bidding processes for construction related activities within the local area. Associated costs per hour, per discipline are listed below along with the total number of hours for the inspection/testing effort. The remaining costs are associated with printing and office supplies.

Construction Contracting Discipline	Hourly Rate
Principal Engineer	\$150.00
Registered Engineer	\$102.00
Secretarial	\$54.00
Average Hourly Cost	\$102.00
Total Hours	59

10.3.4.2 Construction Costs

The estimated Project construction costs were developed by the Project Engineer from conceptual plans prepared during the Project’s Conceptual Design and similar jobs within the local area, which were constructed within the last five (5) years. The

Budgeted Construction costs, which total \$237,700, as listed in Project Budget found in **Appendix B of Attachment 4**, are for the following construction efforts:

- General
 - Mobilization and Demobilization;
 - Sheeting and Shoring;
 - Clearing and Grubbing;
 - Furnish and Installation (F&I) 1,000 LF of 8" AWWA C900 Class 200 Water Main;
 - F&I 12"x12"x12" Tee Fitting;
 - F&I 8"x12" Reducer Fitting;
 - F&I 6"x8" Reducer Fitting;
 - F&I Three (3) 90° Elbow Fittings;
 - F&I Two (2) 6" Gate Valves;
 - Abandon Existing 6" Water Main and Connect Proposed 8" Water Main to Existing Facilities;
 - F&I Communications, Alarms and Well 15 Shut-off;
 - F&I Three (3) Chlorine Residual Sampling Stations; and
 - Utility Locating.

10.3.5 Row (e) Environmental Compliance/Mitigation/Enhancement

Budgeted Environmental Compliance costs, which total \$2,000 as listed in the Project Budget found in **Appendix B of Attachment 4** involve costs for the awarding contractor to mitigate any environmental issues as listed in the environmental document. All measures taken, if necessary, will be documented and recorded and any potential issues will be brought to the attention of the Project Engineer.

10.3.6 Row (f) Construction Administration

Budgeted Construction Administration costs, which total \$5,000 as listed in the Project Budget found in **Appendix B of Attachment 4**, involve the administration of all contracted construction activities. Construction Administration will be provided by the Project Engineer.

Construction Administration Discipline	Hourly Rate
Principal Engineer	\$150.00
Total Hours	33

10.3.7 Row (g) Other Costs

Other Costs which have been budgeted are for Project permitting and the City of Lindsay’s legal services. It is envisioned that the only required permit will be a County of Tulare Encroachment Permit.

Legal services are anticipated to be spent during the contractual periods with the Department of Water Resources and awarded contractors and Project permitting. Budgeted legal services total \$5,000 as listed in the Project Budget found in **Appendix B of Attachment 4**.

10.3.8 Row (h) Construction/Implementation Contingency

A twenty percent (20%) contingency was used because the Project is at a ten percent (10%) conceptual design stage. A more accurate estimate of construction quantities will need to be completed upon completion of the Final Design and prior to the public bidding process.

ATTACHMENT 4 – BUDGET

APPENDIX A

Packwood Creek Recharge Project Budget

Project Budget							
Project Title: Packwood Creek Water Conservation Project							
Budget Category		(a)	(b)	(c)	(d)	(e)	(f)
		Local Share* (Funding Match)	Federal Share (Funding Match)	Requested Grant Funding	Other State Funds Being Used	Total	% Funding Match
(a)	Direct Project Administration Costs	\$50,000	\$0	\$0	\$0	\$50,000	100%
(b)	Land Purchase/Easement	\$0	\$0	\$0	\$0	\$0	--
(c)	Planning/Design/Engineering/ Environmental Documentation	\$0	\$0	\$292,160	\$0	\$292,160	0%
(d)	Construction/Implementation	\$0	\$800,000	\$532,000	\$0	\$1,332,000	60%
(e)	Environmental Compliance/ Mitigation/Enhancement	\$0	\$0	\$0	\$0	\$0	--
(f)	Construction Administration	\$0	\$0	\$50,000	\$0	\$50,000	0%
(g)	Other Costs	\$0	\$0	\$0	\$0	\$0	--
(h)	Construction/Implementation Contingency	\$0	\$0	\$158,400	\$0	\$158,400	0%
(i)	Grand Total (Sum rows (a) through (h) for each column)	\$50,000	\$800,000	\$1,032,560	\$0	\$1,882,560	45%
*List sources of funding: Use as much space as required.							

Project Budget								
Project Title: Packwood Creek Water Conservation Project								
Budget Category			(a)	(b)	(c)	(d)	(e)	(f)
Task	Sub-task	Sub-task	Local Share* (Funding Match)	Federal Share (Funding Match)	Requested Grant Funding	Other State Funds Being Used	Total	%
(a)	Direct Project Administration Costs							
1	0	0	Administration	\$5,000	\$0	\$0	\$5,000	100%
2	0	0	Labor Compliance	\$20,000	\$0	\$0	\$20,000	100%
3	0	0	Reporting	\$25,000	\$0	\$0	\$25,000	100%
(b)	Land Purchase/Easement		\$0	\$0	\$0	\$0	\$0	--
(c)	Planning/Design/Engineering/ Environmental Documentation							
4	1	0	Prelim Bio Assessment	\$0	\$0	\$4,500	\$4,500	0%
4	2	0	Technical Study	\$0	\$0	\$23,000	\$23,000	0%
4	3	0	Geotech Investigation	\$0	\$0	\$15,200	\$15,200	0%
4	4	0	Recommended Design	\$0	\$0	\$39,460	\$39,460	0%
4	5	0	Cost Estimate	\$0	\$0	\$5,000	\$5,000	0%
5	1	0	Construction Drawings	\$0	\$0	\$50,000	\$50,000	0%
5	2	0	Specifications	\$0	\$0	\$10,000	\$10,000	0%
5	3	0	Bid Documents	\$0	\$0	\$15,000	\$15,000	0%
5	4	0	Contract Documents	\$0	\$0	\$15,000	\$15,000	0%
6	1	0	Env. Checklist & Bio Assessment	\$0	\$0	\$10,000	\$10,000	0%
6	2	0	Draft CEQA Documentation	\$0	\$0	\$20,000	\$20,000	0%
6	3	0	Final CEQA Documentation	\$0	\$0	\$5,000	\$5,000	0%
6	4	0	Draft NEPA Documentation	\$0	\$0	\$20,000	\$20,000	0%
6	5	0	Final NEPA Documentation	\$0	\$0	\$5,000	\$5,000	0%
7	1	0	1602 Permit	\$0	\$0	\$25,000	\$25,000	0%
7	2	0	404 Permit	\$0	\$0	\$30,000	\$30,000	0%
(d)	Construction/Implementation							
8	1	0	Notice to Bidders	\$0	\$0	\$1,000	\$1,000	0%
8	2	0	Pre-Bid Mtng & Addendum 1	\$0	\$0	\$2,000	\$2,000	0%
8	3	0	Bid Opening & Eval	\$0	\$0	\$4,600	\$4,600	0%
8	4	0	Bid Award	\$0	\$0	\$1,000	\$1,000	0%
9	1	1	Mobilization	\$0	\$0	\$15,000	\$15,000	0%
9	1	2	Worker Protection	\$0	\$0	\$2,500	\$2,500	0%
9	1	3	Misc Facilities & Ops	\$0	\$0	\$1,000	\$1,000	0%
9	2	1	Construction Staking	\$0	\$0	\$5,000	\$5,000	0%
9	2	2	Misc Engineering Services	\$0	\$0	\$5,000	\$5,000	0%
9	2	3	Water Control Structure	\$0	\$22,600	\$452,400	\$475,000	5%
9	2	4	Water Control Gate	\$0	\$550,000	\$0	\$550,000	100%
9	2	5	New Turnouts	\$0	\$227,400	\$0	\$227,400	100%
9	2	6	Construction Inspection	\$0	\$0	\$20,000	\$20,000	0%
9	2	7	As-Built Drawings	\$0	\$0	\$5,000	\$5,000	0%
9	3	1	Concrete Test Cylinders	\$0	\$0	\$5,000	\$5,000	0%
9	3	2	Compaction Curves & Tests	\$0	\$0	\$7,500	\$7,500	0%
9	3	3	Demobilization	\$0	\$0	\$5,000	\$5,000	0%
(e)	10	0	Environmental Compliance/ Mitigation/Enhancement	\$0	\$0	\$0	\$0	--
(f)	11	0	Construction Administration	\$0	\$0	\$50,000	\$50,000	0%
(g)			Other Costs	\$0	\$0	\$0	\$0	--
(h)			Construction/Implementation Contingency	\$0	\$0	\$158,400	\$158,400	0%
(i)			Grand Total (Sum rows (a) through (h) for each column)	\$50,000	\$800,000	\$1,032,560	\$1,882,560	45%

*List sources of funding: Use as much space as required.

ATTACHMENT 4 – BUDGET

APPENDIX B

Well 15 Water Quality Project Budget

Attachment 4 - Project Budget

Proposal Title: _____

Project Title: **City of Lindsay Well 15 Pipeline Segment and Sampling Station Project**

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
Budget Category (a): Direct Project Administration				
Task 1: Administration	\$ 4,000	\$ -	\$ -	\$ 4,000
Task 2: Labor Compliance Program	\$ 8,600	\$ -	\$ -	\$ 8,600
Task 3: Grant Reporting	\$ 4,000	\$ -	\$ -	\$ 4,000
Budget Category (b): Land Purchase/Easement				
Task 4: Land Easements	\$ 2,000	\$ -	\$ -	\$ 2,000
Budget Category (c): Planning/Design/Engineering/Environmental Documentation				
Task 5: Assessment and Evaluation				
Task 5.1 Chlorine Contact Time Study	\$ -	\$ -	\$ -	\$ -
Task 6: Design				
Task 6.1 10% Conceptual Design	\$ -	\$ -	\$ -	\$ -
Task 6.2 30% Concept Design	\$ 8,000	\$ -	\$ -	\$ 8,000
Task 6.3 60% Design	\$ 12,000	\$ -	\$ -	\$ 12,000
Task 6.4 90% Pre-Final Design	\$ 8,000	\$ -	\$ -	\$ 8,000
Task 6.5 100% Design	\$ 4,000	\$ -	\$ -	\$ 4,000
Task 7: Environmental Documentation				
Task 7.1 CEQA Documentation	\$ 3,000	\$ -	\$ -	\$ 3,000
Task 8: Construction Surveying/Inspection/Testing				
Task 8.1 Construction Surveying	\$ 4,000	\$ -	\$ -	\$ 4,000
Task 8.2 Construction Inspection	\$ 28,500	\$ -	\$ -	\$ 28,500
Task 8.3 Water Quality Testing	\$ 5,000	\$ -	\$ -	\$ 5,000
Task 8.4 Materials Testing	\$ 5,000	\$ -	\$ -	\$ 5,000
Budget Category (d): Construction/Implementation				
Task 9: Construction Contracting				
Task 9.1 Public Bidding Process	\$ 4,000	\$ -	\$ -	\$ 4,000
Task 9.2 Public Bid Award and Execution of Contract	\$ 2,000	\$ -	\$ -	\$ 2,000
Task 10: Construction	\$ 237,700	\$ -	\$ -	\$ 237,700
Budget Category (d): Environmental Compliance/Mitigation/Enhancement				
Task 11: Environmental Compliance/Mitigation/Enhancement	\$ 2,000	\$ -	\$ -	\$ 2,000
Budget Category (f): Construction Administration				
Task 12: Construction Administration	\$ 5,000	\$ -	\$ -	\$ 5,000
Budget Category (g): Other Costs				
Task 13: Permitting	\$ 2,000	\$ -	\$ -	\$ 2,000
Task 14: Legal Service	\$ 5,000	\$ -	\$ -	\$ 5,000
Budget Category (h): Construction/Implementation Contingency				
Task 10: Construction	\$ 47,600	\$ -	\$ -	\$ 47,600
Grand Total	\$ 401,400	\$ -	\$ -	\$ 401,400