

ATTACHMENT 4: BUDGET SUMMARY

Task 1: Direct Project Administration and Reporting: Administration is considered a non-construction activity and includes construction management and oversight. A Construction Manager will be assigned to administer the contract documents and to provide adequate inspection services to assure adherence to the construction documents and to monitor schedule and progress payments. The Grant Manager will report to the Grant Funding Manager on the progress of the project and on the payment requests. Administration costs are based on estimated County of El Dorado, CDA Transportation Division personnel hours anticipated for project oversight using the current approved County rate structure for Senior Civil Engineer at \$125/hour and Associate Engineer at \$106/hour.

Task 2: Project Evaluation/Design/Engineering: County of El Dorado, CDA Transportation Division staff completed 50% engineering plans and specifications for the Project. County of El Dorado, CDA Transportation Division staff will complete the remaining 50% for 100% engineering plans and specifications to move forward with project construction. Costs to complete final design plans and specifications are based on personnel hours anticipated to complete these documents.

Task 3: Environmental Documentation: An Initial Study/Negative Declaration was prepared for the project in August 2012. From the results of this study a CEQA Negative Declaration will be filed with the County.

Task 4: Permitting: Budget for permitting activities includes personnel time to complete applications along with filling fees for the following permits: Building Permit through the El Dorado County Building Department, a General Construction Activity Storm Water Permit and National Pollutant Discharge Elimination System Permit through the State Water Resources Control Board and Regional Water Quality Control Board.

Task 5: Proposal Monitoring Plan: County of El Dorado, CDA Transportation Division staff will develop the Proposal Monitoring Plan that includes specific quantifiable parameters to monitor project benefits post-construction. Results of the monitoring program will be compiled in a post-construction report. As specified in the Proposal Solicitation Package, details of the monitoring program will be finalized through the agreement development process.

Task 6: Project Construction/Implementation: Project construction costs are based on Engineers Estimate of probable costs. Total construction costs include general requirements such as mobilization/demobilization. Site work breakdown includes the entire wash system, including the steel building housing the wash system, the recycle system, disconnecting and plugging the sewer line, Industrial Storm Water Pollution Prevention Plan (SWPPP) improvements, and foundation/concrete improvements. Project implementation includes the purchase of equipment directly by County of El Dorado, CDA Transportation Division including a Stanton Tire Wash (Or Equal), Yardney Sand Filters and Carbon Filters (2 EA/array) (Or Equal) and Vpower 7.5hp Turbine Treatment and Reuse pumps (Or Equal). Costs also include the installation of rainwater tanks and a rooftop solar system. Additionally there is 5% for management and a 15% contingency.

Element Description	Estimated Amount (Subtotal)
Tire Wash System	\$48,995
Equipment: Stanton Tire Wash (OR Equal)	\$66,350
Sub-total	\$115,345
Steel Building	\$113,721
Recycle System	\$77,111
Equipment: Yardney – Sandfilters (2 EA/array) (Or Equal)	\$14,580
Equipment: Yardney – Carbon Filters (2 EA/array) (Or Equal)	\$27,000
Equipment: Vpower Turbine Treatment Pump (Or Equal)	\$16,606
Equipment: Vpower Turbine Reuse Pump (Or Equal)	\$19,128
Sub-total	\$154,425

Sewer Disconnect and Plug	\$12,340
Industrial SWPPP Improvements	\$67,070
Concrete	\$93,640
Rainwater Tank	\$26,645
Solar System- 10kW (x2 = 30 yr lifetime)	\$117,000
<i>Net Construction</i>	<i>\$700,186</i>
Engineering/Construction Management (5%)	\$35,009
Construction Contingency (15%)	\$105,028
Mobilization (10%)	\$70,019
<i>Total Project Construction Cost</i>	<i>\$910,242</i>