

Proposal Full View

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Applicant Information

Organization Name: Kern County Water Agency Improvement District No. 4 *

Tax ID: 770393448

Proposal Name: Improvement District No. 4 Groundwater Monitoring Well Installations *

Proposal Objective: Kern County Water Agency's (Agency) Improvement District No. 4 (ID4) proposes to construct dedicated monitoring wells in an area adjacent to groundwater banking projects, oil refining interests and the Kern River. ID4 is a monitoring entity under the California Statewide Groundwater Elevation Monitoring (CASGEM) program. The data collected from the Groundwater Monitoring Well Installations Project will be incorporated into ID4's semiannual monitoring program and into ID4's existing CASGEM monitoring plan. Contractors will be retained to construct three single borehole dedicated monitoring wells with a four inch diameter casing and a perforation interval of approximately one hundred feet. Wells will be completed at different depths (250', 500', 700') with perforation intervals in one of the major water production zones in the aquifer. These strategically located monitoring wells will be used to track changes in a contamination plume caused by past operations of an adjacent refinery. Information will be used to monitor water level changes from water banking recharge and recovery activity by the Rosedale-Rio Bravo Water Storage District (Rosedale) and ID4 Joint Use Groundwater Recovery (Joint Use) Program. The anticipated start date for this project is May 1, 2013 with a 2-year performance period ending May 1, 2015. The estimated cost for construction is \$275,000. *

Budget

Other Contribution	\$25,000.00
Local Contribution	\$0.00
Federal Contribution	\$0.00
Inkind Contribution	\$0.00
Amount Requested	\$250,000.00 *
Total Project Cost	\$275,000.00 *

Geographic Information

Latitude * DD(+/-) 35 MM 21 SS 59

Longitude * DD(+/-) -119 MM 5 SS 23

Longitude/Latitude Clarification: Location

County: Kern (portion of) *

Ground Water Basin: San Joaquin Valley-Kern County

Hydrologic Region: Tulare Lake

Watershed: 112 7554 Kern River

Legislative Information

Assembly District: 32nd Assembly District *

Senate District: 18th Senate District *

US Congressional District: District 22 (CA) *

Project Information

Project Name	Improvement District No. 4 Groundwater Monit
Implementing Organization	Kern County Water Agency Improvement District No. 4
Secondary Implementing Organization	
Proposed Start Date	5/1/2013
Proposed End Date	5/1/2015
Project Scope	Kern County Water Agency's (Agency) Improvement District No. 4 (ID4) proposes to construct dedicated monitoring wells in an area adjacent to groundwater banking projects, oil refining interests and the Kern River.
Project Description	Kern County Water Agency's (Agency) Improvement District No. 4 (ID4) proposes to construct dedicated monitoring wells in an area adjacent to groundwater banking projects, oil refining interests and the Kern River. ID4 is a monitoring entity under the California Statewide Groundwater Elevation Monitoring (CASGEM) program. The data collected from the Groundwater Monitoring Well Installations Project will be incorporated into ID4's semiannual monitoring program and into ID4's existing CASGEM monitoring plan. Contractors will be retained to construct three single borehole dedicated monitoring wells with a four inch diameter casing and a perforation interval of approximately one hundred feet. Wells will be completed at different depths (250', 500', 700') with perforation intervals in one of the major water production zones in the aquifer. These strategically located monitoring wells will be used to track changes in a contamination plume caused by past operations of an adjacent refinery. Information will be used to monitor water level changes from

	water banking recharge and recovery activity by the Rosedale-Rio Bravo Water Storage District (Rosedale) and ID4 Joint Use Groundwater Recovery (Joint Use) Program. The anticipated start date for this project is May 1, 2013 with a 2-year performance period ending May 1, 2015. The estimated cost for construction is \$275,000.
Project Objective	The data collected from the Groundwater Monitoring Well Installations Project will be incorporated into ID4's semiannual monitoring program and into ID4's existing CASGEM monitoring plan. These monitoring wells will be used to track changes in a contamination plume caused by past operations of an adjacent refinery. Information will be used to monitor water level changes from water banking activity by the Rosedale-Rio Bravo Water Storage District and ID4 Joint Use Groundwater Recovery Program.

Project Benefits Information

Project Benefit Type	Benefit Type	Measurement	Description
Primary	Groundwater Management-Devices Installed	0	Construct 3 dedicated monitoring wells completed at different depths (250', 500', 700').
Secondary	Groundwater Management-Groundwater quality samples taken	0	Regular scheduled monitoring of various constituents will follow initial analysis to track any changes in water quality.
Tertiary	Groundwater Management-Water level measurements taken	0	Depth to water levels will be measured regularly to track any changes in water levels following initial measurements. Results recorded to CASGEM database and Kern Co. Water Agency database for future studies.

Project Objective

Budget

Other Contribution	<input type="text" value="25000"/>
Local Contribution	<input type="text" value="0"/>
Federal Contribution	<input type="text" value="0"/>
Inkind Contribution	<input type="text" value="0"/>
Amount Requested	<input type="text" value="250000"/>
Total Project Cost	<input type="text" value="275000"/>

Geographic Information

Latitude DD(+/-) MM 21

Longitude DD(+/-) MM 5

Longitude/Latitude Clarification Location

County Kern (portion of) Ground Water Basin San Joaquin Valley-Kern County Hydrologic Region Tulare Lake WaterShed
 112 7554 Kern River

Legislative Information

Assembly District	32nd Assembly District
Senate District	18th Senate District
US Congressional District	District 22 (CA)

Section : Applicant Information and Question's Tab

APPLICANT INFORMATION AND QUESTION'S TAB

Q1. Applicant Information

Provide the agency name, address, city, state, and zip code of the applicant submitting the application.
 Kern County Water Agency - Improvement District No. 4 P.O. Box 58 Bakersfield, CA 93302-0058

Q2. Proposal Description:

Provide a brief abstract of the Proposal. This abstract must provide an overview of the proposal including the main issues and priorities addressed in the proposal. Within the abstract, please describe how the proposal relates to the GWMP's BMO's.

Kern County Water Agency's (Agency) Improvement District No. 4 (ID4) proposes to construct dedicated monitoring wells in an area adjacent to groundwater banking

projects, oil refining interests and the Kern River. ID4 is a monitoring entity under the California Statewide Groundwater Elevation Monitoring (CASGEM) program. The data collected from the Groundwater Monitoring Well Installations Project will be incorporated into ID4's semiannual monitoring program and into ID4's existing CASGEM monitoring plan. Contractors will be retained to construct three single borehole dedicated monitoring wells with a four inch diameter casing and a perforation interval of approximately one hundred feet. Wells will be completed at different depths (250', 500', 700') with perforation intervals in one of the major water production zones in the aquifer. These strategically located monitoring wells will be used to track changes in a contamination plume caused by past operations of an adjacent refinery. Information will be used to monitor water level changes from water banking recharge and recovery activity by the Rosedale-Rio Bravo Water Storage District (Rosedale) and ID4 Joint Use Groundwater Recovery (Joint Use) Program. The anticipated start date for this project is May 1, 2013 with a 2-year performance period ending May 1, 2015. The estimated cost for construction is \$275,000.

Q3. Project Director:

Provide the name and details (including email) of the person responsible for executing the grant agreement for the applicant. Persons that are subcontractors to be paid by the grant cannot be listed as the Project Director.

James M. Beck, General Manager Kern County Water Agency, P.O. Box 58, Bakersfield, California 93302-0058, 661-634-1400, jbeck@kcwa.com

Q4. Project Manager:

Provide the name and contact information (including email) of the Project Manager from the applicant agency or organization that will be the day-to-day contact on this application.

Donna Semar, Water Resources Planner - Improvement District No. 4, P.O. Box 58, Bakersfield, CA 93302-0058, 661-634-1466, dsemar@kcwa.com

Q5. Additional Information:

Based on the region's location, what is the applicable DWR region office (Northern, North Central, South Central, or Southern)? The following link can be used to view each DWR region office boundaries:

http://www.water.ca.gov/groundwater/groundwater_basics/gw_contacts_info.cfm

- 1) Northern Region
- 2) North Central Region
- 3) South Central Region
- 4) Southern Region

Q6. Additional Information:

Provide the Date of GWMP Adoption, if any, and list the pursuant Water Code Section or other legal Authority in which it was adopted.

ID4 does not have a GWMP pursuant to AB3030, a main part of the Agency's mission is to manage groundwater; and the mission of ID4 is to deliver a supplemental water supply to the urban Bakersfield area. ID4 accomplishes its mission by delivering surface water to: replenish the groundwater aquifer beneath its service area; and for purification and distribution to four retail water customers. The delivery of purified surface water provides in-lieu recharge to the underlying groundwater basin. ID4 also conducts extensive groundwater monitoring activities and produces an annual report detailing groundwater conditions within its service area. Therefore, the Agency Act and the ID4 formation documents form the basis for Agency groundwater management activities in Kern County and in the urban Bakersfield area. The annual report on water conditions prepared by ID4 documents the groundwater monitoring activities and is found as Att3_LGA12_KCWAID4_GWMP_2of5.

Q7. Additional Information:

Provide a list of documents that support and indicate collaboration with other local public agencies with regard to the management of the affected groundwater basin (e.g., MOUs, MOAs, JPAs, adoption of a GWMP, recognition of county ordinances in permitting processes, or party to a groundwater basin adjudication order).

Memoranda of Understanding * Operation and Monitoring of the Semitropic Water Storage District Groundwater Banking Project * Operation and Monitoring of the Kern Water Bank Groundwater Banking Program * Operation and Monitoring of the Joint Water Banking Project on the Berrenda Mesa Property * Operation and Monitoring of the Buena Vista Water Storage District Groundwater Banking Program * Operation and Monitoring of the Rosedale-Rio Bravo Water Storage District Groundwater Banking Program * Operation and Monitoring of the Kern Delta Water District Groundwater Banking Program * Operation and Monitoring of the Rosedale-Rio Bravo Water Storage District Groundwater Banking and Sale Program * Operation and Monitoring of the Pioneer Project Agreements * California Statewide Groundwater Elevation Monitoring (CASGEM) * Rosedale-Rio Bravo Water Storage District and Improvement District No. 4 Joint Use Recovery Project Agreement * Integrated Regional Water Management Plan (IRWMP) ? Tulare Lake Basin Portion of Kern County

Q8. Additional Information

Name the entity(ies) providing the fund(s) reported in the above Budget section under the category "Other Contribution". If there are no "Other Contributions" Please answer this question with, "No Other Contributions".

No Other Contributions.

Q9. Eligibility:

List the urban water suppliers that will receive funding from the proposed grant. Please provide the agency name, a contact phone number and email address. Those listed must submit self certification of compliance with CWC §525 et seq. and AB1420, see Attachment 10. If there are none, so indicate.

ID4 is a wholesale provider of municipal and industrial (M&I) water to four retail customers. ID4 is a member of the California Urban Water Conservation Council (CUWCC) and complies with Best Management Practices (BMPs) applicable to wholesale water providers. Please refer to the CUWCC BMP Coverage Report for Wholesale Agencies, July 19, 2011 (Att_LGA12_KCWAID4_1420_2of2).

Q10. Eligibility:

Have all of the urban water suppliers, listed in Q9 above, submitted complete 2010 UWMP to DWR? If not, explain why. Have those plans been verified as complete by DWR? If not, explain current status.

ID4 submitted a 2010 Urban Water Management Plan (UMWP) to the California Department of Water Resources (DWR). DWR confirmed receipt of the 2010 UWMP but has not been verified as complete.

Q11. Completeness Check:

Have all of the fields in the application been completed?

Yes

Q.11. Completeness Check (cont)

If no, please explain. If yes, answer this question with "NA".

NA

Section : Application Attachments Tab

APPLICATION ATTACHMENTS TAB

Attachment 1. Authorizing Documentation

Upload authorizing documentation here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".

Last Uploaded Attachments: Att1_LGA12_KCWAID4_AuthDoc_1of2.pdf,Att1_LGA12_KCWAID4_AuthDoc_2of2.pdf

Attachment 2. Eligible Applicant Documentation

Upload eligible documentation here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".

Last Uploaded Attachments:

Att2_LGA12_KCWAID4_EligDoc_1of5.pdf,Att2_LGA12_KCWAID4_EligDoc_2of5.pdf,Att2_LGA12_KCWAID4_EligDoc_3of5.pdf,Att2_LGA12_KCWAID4_EligDoc_4of5.pdf,Att2_LGA12_KCWAID4_EligDoc_5of5.pdf

Attachment 3. Status of GWMP

Upload the GWMP documentation here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".

Last Uploaded Attachments:

Att3_LGA12_KCWAID4_GWMP_1of5.pdf,Att3_LGA12_KCWAID4_GWMP_2of5.pdf,Att3_LGA12_KCWAID4_GWMP_3of5.pdf,Att3_LGA12_KCWAID4_GWMP_4of5.pdf,Att3_LGA12_KCWAID4_GWMP_5of5.pdf

Attachment 4. Project Description

Upload project description here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".

Last Uploaded Attachments: Att4_LGA12_KCWAID4_ProjD_1of4.pdf,Att4_LGA12_KCWAID4_ProjD_2of4.pdf,Att4_LGA12_KCWAID4_ProjD_3of4.pdf,Att4_LGA12_KCWAID4_ProjD_4of4.pdf

Attachment 5. Work Plan

Upload work plan here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".

Last Uploaded Attachments: Att5_LGA12_KCWAID4_WrkPln_1of4.pdf,Att5_LGA12_KCWAID4_WrkPln_2of4.pdf,Att5_LGA12_KCWAID4_WrkPln_3of4.pdf,Att5_LGA12_KCWAID4_WrkPln_4of4.pdf

Attachment 6. Budget

Upload budget here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".

Last Uploaded Attachments: Att6_LGA12_KCWAID4_BUDGET_1of3.pdf,Att6_LGA12_KCWAID4_BUDGET_2of3.pdf,Att6_LGA12_KCWAID4_BUDGET_3of3.pdf

Attachment 7. Schedule

Upload schedule here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".

Last Uploaded Attachments: Att7_LGA12_KCWAID4_SCHED_1of2.pdf,Att7_LGA12_KCWAID4_SCHED_2of2.pdf

Attachment 8. Quality Assurance

Upload quality assurance documentation here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".

Last Uploaded Attachments: Att8_LGA12_KCWAID4_QA_1of3.pdf,Att8_LGA12_KCWAID4_QA_2of3.pdf,Att8_LGA12_KCWAID4_QA_3of3.pdf

Attachment 9. Past Performance

Upload past performance documentation here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".

Last Uploaded Attachments: Att9_LGA12_KCWAID4_PERFORM_1of1.pdf

Attachment 10. AB1420 and Water Meter Implementation Compliance

Upload 1420 and water meter implementation documentation here, if applicable. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".

Last Uploaded Attachments: Att10_LGA12_KCWAID4_1420_1of2.pdf,Att10_LGA12_KCWAID4_1420_2of2.pdf