

**AGENDA
GROUNDWATER BANKING JOINT POWERS AUTHORITY
BOARD OF DIRECTORS
SPECIAL MEETING**

May 19, 2025
8:30 AM

Rosedale Rio-Bravo Water Storage District
849 Allen Road
Bakersfield, CA 93314

Irvine Ranch Water District
15600 Sand Canyon Avenue
Irvine, CA 92618
2nd Floor Committee Room

This meeting will be made available to the public telephonically/electronically.

To virtually attend the meeting and to be able to view any presentations or additional materials provided at the meeting, please join online using the link and information below:

Via Web: <https://zoom.us/j/83815086560>
Meeting Number (Access Code): 838 1508 6560
Meeting Password: 982590
Telephone Dial In: (669) 900-6833

As a courtesy to the other participants, please mute your phone when you are not speaking.

PLEASE NOTE: Participants joining the meeting will be placed into the lobby when the Board enters closed session. Participants who remain in the “lobby” will automatically be returned to the open session of the Board once the closed session has concluded. Participants who join the meeting while the Board is in closed session will be placed in the waiting room. When the Board has returned to open session, the participants will be automatically added to the meeting.

CALL TO ORDER 8:30 a.m.

ROLL CALL Directors Pierucci, Selvidge, Reinhart, Swan

**PUBLIC COMMENT
NOTICE**

If you wish to address the Board of Directors on any item, please submit a request to speak via the “chat” feature available when joining the meeting virtually. Remarks are limited to three minutes per speaker on each subject. You may also submit a public comment in advance of the meeting by emailing mmisuraca@rrbwsd.com before 5:00 p.m. on May 18, 2025.

ALL VOTES SHALL BE TAKEN BY A ROLL CALL VOTE

1. COMMUNICATIONS TO THE BOARD

- a) Written:
- b) Oral:

2. ITEMS RECEIVED TOO LATE TO BE AGENDIZED

3. CONSENT ITEMS

- a) Consideration of Regular Meeting Minutes February 03, 2025

4. JPA ADMINISTRATIVE AND FINANCIAL REPORT

- a) Consideration of Quarterly Budget to Actual (Chris)
- b) Consideration of Fiscal Year End June 30, 2026 Budget (Chris)
- c) Consideration of Single Audit Report (Eileen)
- d) Consideration of Audit Services Agreement (Eileen)

5. KERN FAN GROUNDWATER STORAGE PROJECT

- a) Engineering
 - i. Rosedale 1 Hydraulic Analysis (Dan)
- b) Construction
 - i. West Enos/Stockdale North Recharge (Dan)
 - ii. Consideration of Notice of Completion Allstate Boring (Dan)
 - iii. Consideration of Change Order No.3 RLH (Dan)
 - iv. Consideration of Contract Award for Construction of West Enos and Stockdale North Wells (Dan)

6. KERN FAN GROUNDWATER STORAGE PROJECT

- a) Conveyance Alternative Update (Dan)
- b) Funding Sources (Fiona)

7. GENERAL MANAGER'S REPORT

- a) Interim Kern Fan Operating Agreement (Dan/Fiona)

8. OTHER BUSINESS

Pursuant to Government Code Section 54954.2, members of the Board of Directors or staff may ask questions for clarification, make brief announcements, and make brief reports on his/her own activities. The Board or a Board member

may provide a reference to staff or other resources for factual information, request staff to report back at a subsequent meeting concerning any matter, or direct staff to place a matter of business on a future agenda. Such matters may be brought up under the General Manager's Report or Directors' Comments.

9. CLOSED SESSION

10. OPEN SESSION

General Counsel may announce any reportable actions taken during Closed Session.

11. ADJOURN

Availability of agenda materials: Agenda exhibits and other writings that are disclosable public records distributed to all or a majority of the members of the above-named Board in connection with a matter subject to discussion or consideration at an open meeting of the Board are available for public inspection by contacting Megan Misuraca at mmisuraca@rrbwsd.com. If such writings are distributed to members of the Board less than 72 hours prior to the meeting, they will be available to the public at the same time as they are distributed to Board Members, except that if such writings are distributed one hour prior to, or during, the meeting, they will be available electronically during the meeting.

Accommodations: Upon request, the Authority will provide for written agenda materials in appropriate alternative formats, and reasonable disability-related modification or accommodation to enable individuals with disabilities to participate in and provide comments at the meeting. Please submit a request, including your name, phone number and/or email address, and a description of the modification, accommodation, or alternative format requested at least two days before the meeting. Requests should be emailed to mmisuraca@rrbwsd.com. Requests made by mail must be received at least two days before the meeting. Requests will be granted whenever possible and resolved in favor of accessibility.

DECLARATION OF POSTING: I, Megan Misuraca, declare under penalty of perjury, that I am employed by the Rosedale-Rio Bravo Water Storage District and I posted the foregoing Agenda at the District Office on or before May 16, 2025. I, Kristine Swan, declare under penalty of perjury, that I am employed by the Irvine Ranch Water District and I posted the foregoing Agenda at the District Office on or before May 16, 2025.

**BOARD OF DIRECTORS
GROUNDWATER BANKING JOINT POWERS AUTHORITY
MINUTES OF THE REGULAR BOARD MEETING**

February 3, 2025
2:00 PM

DIRECTORS AND ALTERNATES PRESENT

Roy Pierucci
Peer Swan
Doug Reinhart
Jason Selvidge

DIRECTORS ABSENT

OTHERS PRESENT

Doug Gosling- JPA Legal Counsel
Dan Bartel- RRBWSD
Megan Misuraca- RRBWSD
Paul Cook- IRWD
Paul Weghorst- IRWD
Fiona Sanchez-IRWD
Christopher Smithson- IRWD
Eileen Lin – IRWD
Herbert Ng- IRWD
Wyatt Clarke-IRWD
Neveen Adly- IRWD
Trent Taylor- RRBWSD

CALL TO ORDER

President Pierucci called the meeting to order at approximately 2:00 p.m.

PUBLIC COMMENT NOTICE

There were no public comments.

1. COMMUNICATIONS TO THE BOARD

- a). Written: None.
- b). Oral: None.

2. ITEMS RECEIVED TOO LATE TO BE AGENDIZED

None.

3. CONSENT ITEMS

- a) Meeting Minutes December 9, 2024

A motion was made by Director Selvidge with a second by Director Reinhart to adopt the consent items. A roll call vote was taken and the motion unanimously passed.

4. JPA ADMINISTRATIVE AND FINANCIAL REPORT

- a) Consideration of Quarterly Budget to Actual- Mr. Smithson reviewed the budget to actual results for the quarter ending December 31, 2024 with the Board. A motion was made by Director Selvidge and a second by Director Reinhart to accept the budget to actual report for the quarter ending December 31, 2024. A roll call vote was taken and the motion unanimously passed.

5. KERN FAN GROUNDWATER STORAGE PROJECT

- a) Engineering
 - i. Phase 1 Wells- Mr. Bartel provided the Board with an overview of the proposed well site locations for Phase 1. Director Swan questioned the selection process, specifically inquiring about the rationale behind the up-gradient site locations.
 - ii. Consideration of Design/Data Collection Proposal on 3 Wells- Mr. Bartel reviewed the Thomas Harder & Co proposal. A motion was made by Director Reinhart with a second by Director Selvidge to approve the proposal from Thomas Harder and Co. for the Data Collection and Well Design for Two Stockdale North Wells and One West Enos Well with a budget not to exceed \$58,620. A roll call vote was taken and motion unanimously passed.
 - iii. Conveyance Alternative Update- Mr. Bartel reviewed the correspondence sent to Cross Valley Canal participants, inviting them to an early February meeting to discuss a potential partnership for the "Alternative 5" facility improvement.
- b) Construction Update-
 - i. Phase 1 (West Enos / Stockdale North) Recharge- Mr. Bartel reported earthwork has begun on the recharge facility for Stockdale North and reviewed the Dee Jaspar and Associates weekly project status report including photos of the project.
 - ii. Consideration of Soils Testing Proposal on Stockdale North- Mr. Bartel reviewed the Soils Engineering Inc. proposal with the Board. A motion was made by Director Swan with a second by Director Selvidge to approve the Soils Engineering Inc. proposal and authorize staff to execute the contract agreement for materials testing and inspection services on the Stockdale North recharge basin project in an amount not to exceed \$55,540. A roll call vote was taken and the motion unanimously passed.

6. GENERAL MANAGER'S REPORT

No report.

7. OTHER BUSINESS

No report.

8. CLOSED SESSION

None.

9. OPEN SESSION

N/A

10. ADJOURN

Director Pierucci adjourned the meeting at approximately 2:23 P.M.

ATTEST:

Authority Secretary
Doug Gosling

May 19, 2025
Prepared by: Dulce Rocha
Christopher Smithson/
Fiona Sanchez
Agenda Item: 4a

FY 2024-25 Quarterly Actual to Budget Results

DISCUSSION:

The quarterly unaudited actual to budget and forecast results for capital and operating expenditures for the nine-month period ending March 31, 2025, is attached as Exhibit "A".

The year-to-date net position for the nine-month period totaled \$2.8M, compared to a budget of \$8.4M. This resulted in a positive variance of \$5.6M, which is 66% under budget. This is primarily due to lower expenditures related to the timing of engineering design and construction of the capital project. Exhibit "A" provides additional comments.

The full year approved budget is \$11.2M compared to the full year forecast of \$3.6M. The \$7.6M decrease is primarily due to Phase 2 of the capital project being deferred. Based on the FY 2024-25 third quarter net operating results and the current fund balance, no cash call is requested at this time.

RECOMMENDATION:

Receive and File.

LIST OF EXHIBITS:

Exhibit "A" – FY 2024-25 Actual to Budget Results (Unaudited)

Exhibit "A"
Groundwater Banking Joint Powers Authority

Actual to Budget Results (Unaudited)

Fiscal Year 2024-25

(in hundreds)

	Actual 03/31/25 (Unaudited)	Budget 03/31/25	Budget to Actual (Over)/Under	Budget Variance %	Approved Budget FY 2024-25	Forecast Full Year FY 2024-25	Forecast (Over)/ Under	FY2024-25 Q3 Budget Variance/Forecast Comments
Kern Fan Groundwater Capital Project								
Engineering - Planning and Design Staff	\$ 37,300	\$ 60,800	\$ 23,500	39%	\$ 81,000	\$ 49,800	\$ (31,200)	
Grant Administration and Reporting	500	10,700	10,200	95%	14,300	700	(13,600)	
CWC and USBR Feasibility Studies	35,800	1,500	(34,300)	-2287%	2,000	47,800	45,800	South Valley Project. Work is complete.
JPA Administration	26,100	41,700	15,600	37%	55,500	34,800	(20,700)	
Supplemental Environmental Impact Report	-	17,500	17,500	100%	23,300	-	(23,300)	Timing of expenditures
Agreements with State Agencies	1,200	10,700	9,500	89%	14,300	1,600	(12,700)	
Engineering Design - Consultants	11,000	1,200,000	1,189,000	99%	1,230,000	14,700	(1,215,300)	Timing of expenditures
Engineering CA&I - Outside	61,100	891,700	830,600	93%	1,320,000	81,500	(1,238,500)	Timing of expenditures
Construction	1,679,700	7,905,000	6,225,300	79%	10,755,000	2,800,000	(7,955,000)	Phase 1 basins, conveyance and wells, plus PG&E service
Legal JPA	3,700	11,600	7,900	68%	15,500	5,000	(10,500)	
Property Pre-Acquisition	-	-	-	0%	50,000	-	(50,000)	
Environmental	14,700	39,400	24,700	63%	95,300	19,600	(75,700)	
Permitting	-	1,500	1,500	100%	2,000	-	(2,000)	
Capital Project Total	1,871,100	10,192,100	8,321,000	82%	13,658,200	3,055,500	(10,602,700)	
Operating Expense								
Administration/Management	15,300	53,000	37,700	71%	70,700	20,400	(50,300)	
Audit	6,000	9,500	3,500	37%	9,500	8,000	(1,500)	
Bank Charges	6,100	4,500	(1,600)	-36%	6,000	8,200	2,200	
Insurance	2,700	5,200	2,500	48%	6,900	3,600	(3,300)	
Membership	3,100	1,100	(2,000)	-182%	1,100	4,200	3,100	
Website Maintenance	1,000	1,000	-	0%	1,000	1,000	-	
Operating Expense Total	34,200	74,300	40,100	54%	95,200	45,400	(49,800)	
Revenue								
Interest Revenue	(6,100)	(4,500)	1,600	-36%	(6,000)	(8,200)	(2,200)	
Grants	923,153	(1,837,600)	(2,760,753)	150%	(2,500,000)	540,219	3,040,219	
Revenue Total	917,053	(1,842,100)	(2,759,153)	150%	(2,506,000)	532,019	3,038,019	
Total	\$ 2,822,353	\$ 8,424,300	\$ 5,601,947	66%	\$ 11,247,400	\$ 3,632,919	\$ (7,614,481)	

May 19, 2025

Prepared by: Dulce Rocha/ Christopher
Smithson/ Fiona Sanchez

Reviewed by: Neveen Adly

Agenda Item: 4b

GBJPA Proposed FY2025-26 Budget and Cash Call

DISCUSSION:

The proposed \$4.7M budget for the Fiscal Year (FY) 2025-26 is attached as Exhibit “A” and includes both capital, operating expenses and non-operating income.

As shown in Exhibit “A”, the proposed \$4.7M budget reflects a decrease of \$6.5M compared to the prior year’s \$11.2M approved budget. The decrease is primarily due to Phase 2 of the capital project being deferred.

Based on the FY 2024-25 third quarter net operating results and the current fund balance, no cash call is requested at this time.

RECOMMENDATION:

That the Board approve the adoption of the FY 2025-26 budget.

LIST OF EXHIBITS:

Exhibit “A” – GBJPA Proposed FY 2025-26 Budget

Exhibit "A"
Groundwater Banking Joint Powers Authority
Proposed Budget
Proposed Budget FY 2025-26

	FY 2023-24	Unaudited FY	FY 2024-25	Approved	Proposed	\$ Increase	% Increase	
	Actual	2024-25 Actual	Full Year	FY 2024-25	FY 2025-26	/(Decrease) from	/(Decrease) from	
		(As of 3/31/25)	Forecast	Budget	Budget	PY Budget	PY Budget	
Kern Fan Groundwater Capital Project								
Engineering - Planning and Design Staff	\$ 53,600	\$ 37,300	\$ 49,800	\$ 81,000	\$ 85,200	\$ 4,200	5%	
CWC and USBR Feasibility Studies	18,100	35,800	47,800	2,000	2,000	-	0%	Update Calsim and benefits for CWC
Grant Administration and Reporting	6,900	500	700	14,300	9,800	(4,500)	-31%	
JPA Administration	56,800	26,100	34,800	55,500	52,200	(3,300)	-6%	
Supplemental Environmental Impact Report	600	-	-	23,300	-	(23,300)	-100%	Phase 2 deferred
Agreements with State Agencies	18,200	1,200	1,600	14,300	25,600	11,300	79%	Initiate work with DWR, CDFW on public
Engineering Design - Consultants	101,400	11,000	14,700	1,230,000	100,000	(1,130,000)	-92%	benefits
Engineering CA&I - Outside	41,200	61,100	81,500	1,320,000	96,000	(1,224,000)	-93%	Stockdale N. return
Construction	1,730,000	1,679,700	2,800,000	10,755,000	6,425,000	(4,330,000)	-40%	Phase 1 basins, conveyance and wells, plus
Legal JPA	10,100	3,700	5,000	15,500	15,000	(500)	-3%	PG&E service
Environmental	40,500	14,700	19,600	95,300	20,000	(75,300)	-79%	Phase 1 basins, conveyance and wells, plus
Property Pre-Acquisition	-	-	-	50,000	-	(50,000)	-100%	PG&E service
Permitting	2,700	-	-	2,000	-	(2,000)	-100%	Phase 1 compliance; Phase 2 deferred
Capital Project Total	2,080,100	1,871,100	3,055,500	13,658,200	6,830,800	(6,827,400)	-50%	Phase 2 deferred
Operating Expense								
West Enos Recharge Facility	408,900	-	-	-	-	-	0%	Temporary basins
Administration/Management	46,400	15,300	20,400	70,700	74,900	4,200	6%	
Audit	5,800	6,000	8,000	9,500	9,800	300	3%	
Bank Charges	5,700	6,100	8,200	6,000	9,000	3,000	50%	
Insurance	6,200	2,700	3,600	6,900	6,900	-	0%	
Membership	1,000	3,100	4,200	1,100	2,000	900	82%	
Website Maintenance	900	1,000	1,000	1,000	1,100	100	10%	
Utilities	17,000	-	-	-	5,000	-	0%	Operations and Maintenance included
Operating Expense Total	491,900	34,200	45,400	95,200	108,700	8,500	151%	
Non-Operating Income								
Interest Revenue	(5,700)	(6,100)	(8,200)	(6,000)	(6,500)	(500)	8%	
Grants	(2,556,500)	923,153	540,219	(2,500,000)	(2,219,752)	280,248	-11%	
Non-Operating Income Total	(2,562,200)	917,053	532,019	(2,506,000)	(2,226,252)	279,748	-11%	
Total	\$ 9,800	\$ 2,822,353	\$ 3,632,919	\$ 11,247,400	\$ 4,713,248	\$ (6,539,152)	-58%	

May 19, 2025
Prepared by: Herbert Ng
Agenda Item: 4c

FY 2023-24 Single Audit Report on Federal Awards

DISCUSSION:

The Groundwater Banking Joint Powers Authority (GBJPA) hired Davis Farr, LLP, an outside audit firm, to conduct a single audit of the GBJPA's federal awards for the Fiscal Year ended June 30, 2024. Davis Farr has completed its audit and concluded that in all material aspects, the GBJPA complied with the requirements provided by the Office of Management and Budget Compliance Supplement for the year ended June 30, 2024. Also, the report states that the audit did not identify any deficiencies in internal control over compliance. In addition, the report states that the schedule of expenditures of federal awards was fairly stated in all material aspects in relation to the basic financial statements as a whole. The Single Audit Report on Federal Awards is provided as Exhibit "A".

RECOMMENDATION:

Approve the Fiscal Year 2023-24 single audit report and accept the single audit as presented.

LIST OF EXHIBITS:

Exhibit "A" – FY 2023-24 Single Audit Report on Federal Awards

EXHIBIT "A"

GROUNDWATER BANKING JOINT POWERS AUTHORITY

Single Audit Report on Federal Awards

Year Ended June 30, 2024

GROUNDWATER BANKING JOINT POWERS AUTHORITY

Single Audit Report on Federal Awards

Year Ended June 30, 2024

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Board of Directors
Groundwater Banking Joint Powers Authority
Irvine, California

Report on Internal Control Over Financial Reporting and on Compliance and Other
Matters Based on an Audit of Financial Statements Performed in Accordance With
Government Auditing Standards

Independent Auditor's Report

We have audited, in accordance with the auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States, the financial statements of Groundwater Banking Joint Powers Authority (the GBJPA), as of and for the year ended June 30, 2024, and the related notes to the financial statements, which collectively comprise the GBJPA's basic financial statements, and have issued our report thereon dated November 18, 2024.

Report on Internal Control Over Financial Reporting

In planning and performing our audit of the financial statements, we considered the GBJPA's internal control over financial reporting (internal control) as a basis for designing audit procedures that are appropriate in the circumstances for the purpose of expressing an opinion on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the GBJPA's internal control. Accordingly, we do not express an opinion on the effectiveness of the GBJPA's internal control.

A *deficiency in internal control* exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, misstatements on a timely basis. A *material weakness* is a deficiency, or a combination of deficiencies, in internal control, such that there is a reasonable possibility that a material misstatement of the entity's financial statements will not be prevented, or detected and corrected on a timely basis. A *significant deficiency* is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

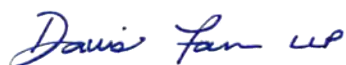
Our consideration of internal control was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be material weaknesses or significant deficiencies. Given these limitations, during our audit we did not identify any deficiencies in internal control that we consider to be material weaknesses. However, material weaknesses or significant deficiencies may exist that have not been identified.

Report on Compliance and Other Matters

As part of obtaining reasonable assurance about whether the GBJPA's financial statements are free from material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on financial statements. However, providing an opinion on compliance with those provisions was not an objective of our audit, and accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

Purpose of this Report

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the GBJPA's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the GBJPA's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

A handwritten signature in blue ink that reads "Davis Fan" followed by a stylized flourish.

Irvine, California
November 18, 2024

REPORT ON COMPLIANCE FOR EACH MAJOR FEDERAL PROGRAM;
REPORT ON INTERNAL CONTROL OVER COMPLIANCE;
AND REPORT ON SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
REQUIRED BY THE UNIFORM GUIDANCE

INDEPENDENT AUDITOR'S REPORT

Board of Directors
Groundwater Banking Joint Powers Authority
Irvine, California

Report on Compliance for Each Major Federal Program

Opinion on Each Major Federal Program

We have audited **Groundwater Banking Joint Powers Authority's** (the GBJPA) compliance with the types of compliance requirements identified as subject to audit in the OMB *Compliance Supplement* that could have a direct and material effect on the GBJPA's major federal program for the year ended June 30, 2024. The GBJPA's **major federal programs** are **identified in the summary of auditor's results section of the accompanying schedule of findings and questioned costs.**

In our opinion, the GBJPA complied, in all material respects, with the compliance requirements referred to above that could have a direct and material effect on its major federal program for the year ended June 30, 2024.

Basis for Opinion on Each Major Federal Program

We conducted our audit of compliance in accordance with auditing standards generally accepted in the United States of America (GAAS); the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States (*Government Auditing Standards*); and the audit requirements of Title 2 U.S. *Code of Federal Regulations* Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* (Uniform Guidance). Our responsibilities under those standards and the Uniform Guidance are further described in **the Auditor's Responsibilities for the Audit of Compliance section of our report.**

We are required to be independent of the GBJPA and to meet our other ethical responsibilities, in accordance with relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion on compliance for each major federal program. Our audit does not provide a legal determination of the GBJPA's **compliance with the compliance requirements** referred to above.

Responsibilities of Management for Compliance

Management is responsible for compliance with the requirements referred to above and for the design, implementation, and maintenance of effective internal control over compliance

with the requirements of laws, statutes, regulations, rules and provisions of contracts or grant agreements applicable to the GBJPA's federal programs.

Auditor's Responsibilities for the Audit of Compliance

Our objectives are to obtain reasonable assurance about whether material noncompliance with the compliance requirements referred to above occurred, whether due to fraud or error, and express an opinion on the GBJPA's compliance based on our audit. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS, *Government Auditing Standards*, and the Uniform Guidance will always detect material noncompliance when it exists. The risk of not detecting material noncompliance resulting from fraud is higher than for that resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Noncompliance with the compliance requirements referred to above is considered material, if there is a substantial likelihood that, individually or in the aggregate, it would influence the judgment made by a reasonable user of the report on compliance about the GBJPA's compliance with the requirements of each major federal program as a whole.

In performing an audit in accordance with GAAS, *Government Auditing Standards*, and the Uniform Guidance, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material noncompliance, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the GBJPA's compliance with the compliance requirements referred to above and performing such other procedures as we considered necessary in the circumstances.
- Obtain an understanding of the GBJPA's internal control over compliance relevant to the audit in order to design audit procedures that are appropriate in the circumstances and to test and report on internal control over compliance in accordance with the Uniform Guidance, but not for the purpose of expressing an opinion on the effectiveness of the GBJPA's **internal control over compliance**. Accordingly, no such opinion is expressed.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and any significant deficiencies and material weaknesses in internal control over compliance that we identified during the audit.

Report on Internal Control Over Compliance

A *deficiency in internal control over compliance* exists when the design or operation of a control over compliance does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, noncompliance with a type of compliance requirement of a federal program on a timely basis. A *material weakness in internal control over compliance* is a deficiency, or a combination of deficiencies, in internal control over compliance, such that there is a reasonable possibility that material noncompliance with a type of compliance requirement of a federal program will not be prevented, or detected and corrected, on a timely basis. A *significant deficiency in internal control over compliance* is a deficiency, or a combination of deficiencies, in internal control over compliance with a type of compliance requirement of a federal program that is less

severe than a material weakness in internal control over compliance, yet important enough to merit attention by those charged with governance.

Our consideration of internal control over compliance was for the limited purpose described in the **Auditor's Responsibilities for the Audit of Compliance** section above and was not designed to identify all deficiencies in internal control over compliance that might be material weaknesses or significant deficiencies in internal control over compliance. Given these limitations, during our audit we did not identify any deficiencies in internal control over compliance that we consider to be material weaknesses, as defined above. However, material weaknesses or significant deficiencies in internal control over compliance may exist that were not identified.

Our audit was not designed for the purpose of expressing an opinion on the effectiveness of internal control over compliance. Accordingly, no such opinion is expressed.

Report on Schedule of Expenditures of Federal Awards Required by the Uniform Guidance

We have audited the financial statements and the aggregate remaining fund information of the GBJPA as of and for the year ended June 30, 2024, and the related notes to the financial statements, which collectively comprise the basic financial statements. We issued our report thereon, dated November 18, 2024, which contained unmodified opinions on those financial statements. Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise the basic financial statements. The accompanying schedule of expenditures of federal awards is presented for purposes of additional analysis as required by the Uniform Guidance and is not a required part of the basic financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the basic financial statements and certain additional procedures including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the schedule of expenditures of federal awards is fairly stated in all material respects in relation to the basic financial statements as a whole.

The purpose of this report on internal control over compliance is solely to describe the scope of our testing of internal control over compliance and the results of that testing based on the requirements of the Uniform Guidance. Accordingly, this report is not suitable for any other purpose.



Irvine, California

February 5, 2025 except for our report on the Schedule of Expenditures of Federal Awards, for which the date is November 18, 2024

GROUNDWATER BANKING JOINT POWERS AUTHORITY
Schedule of Expenditures of Federal Awards
Year Ended June 30, 2024

<u>Federal Grantor/Pass-Through Grantor/Program Title</u>	<u>Catalog of Federal Domestic Assistance Number</u>	<u>Program Identification Number</u>	<u>Federal Expenditures</u>	<u>Amount Provided to Subrecipients</u>
<u>Bureau of Reclamation</u>				
Direct Assistance:				
Small Surface Water and Groundwater Storage Projects	15.074	R23AP00368-01	\$ 2,556,902	-
Total Bureau of Reclamation			2,556,902	-
Total Expenditures of Federal Awards			\$ 2,556,902	-

GROUNDWATER BANKING JOINT POWERS AUTHORITY

Note to the Schedule of Expenditures of Federal Awards

Year Ended June 30, 2024

(1) Summary of Significant Accounting Policies Applicable to the Schedule of Expenditures of Federal Awards

Scope of Presentation

The accompanying Schedule of Expenditures of Federal Awards (Schedule) presents the activity of all federal financial assistance programs of Irvine Ranch Water GBJPA (the GBJPA) under programs of the federal government for the year ended June 30, 2024. All financial assistance received directly from federal agencies is included in the accompanying Schedule. The information in the Schedule is presented in accordance with the requirements of Title 2 U.S. Code of Federal Regulations Part 200, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards (Uniform Guidance). The GBJPA did not use the 10% de minimis indirect cost rate as covered in section 200.414 of the Uniform Guidance.

Basis of Accounting

Expenditures reported on the Schedule are reported on the accrual basis of accounting. Such expenditures are recognized following the cost principles contained in Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards wherein certain types of expenditures are not allowable or are limited as to reimbursement. Pass-through entity identifying numbers are presented where available.

Subrecipients

For the fiscal year ended June 30, 2024, no payments were made to subrecipients.

GROUNDWATER BANKING JOINT POWERS AUTHORITY

Schedule of Findings and Questioned Costs

Year Ended June 30, 2024

Section I - Summary of Auditor's Results

Financial Statements

- | | |
|---|---------------|
| 1. Type of auditor's report issued on whether the financial statements audited were prepared in accordance with GAAP: | Unmodified |
| 2. Internal control over financial reporting: | |
| a. Material weakness(es) identified? | No |
| b. Significant deficiency(ies) identified? | None reported |
| 3. Noncompliance material to the financial statements noted? | No |

Federal Awards

- | | |
|--|--|
| 1. Internal control over major programs: | |
| a. Material weakness(es) identified? | No |
| b. Significant deficiency(ies) identified? | None Reported |
| 2. Type of auditor's report issued on compliance for major programs: | Unmodified |
| 3. Any audit findings disclosed that are required to be reported in accordance with 2 CFR 200.516 (a)? | No |
| 4. Identification of major programs: | |
| <u>CFDA Number</u> | <u>Name of Federal Program or Cluster</u> |
| 15.074 | Small Surface Water and Groundwater Storage Projects |
| 5. Dollar threshold used to distinguish between Type A and Type B programs: | \$750,000 |
| 6. Auditee qualified as a low-risk auditee? | No |

GROUNDWATER BANKING JOINT POWERS AUTHORITY

Schedule of Findings and Questioned Costs

Year Ended June 30, 2024

Section II - Financial Statement Findings

There were no financial statement findings for the year ended June 30, 2024.

Section III - Federal Award Findings and Questioned Costs

There were no federal award findings noted during the year under audit.

Section IV – Summary of Prior Audit Findings and Current Status

There are no prior year audit findings.

Selection of Independent Audit Firm

DISCUSSION:

Section 9b of the Bylaws of Groundwater Banking Joint Powers Authority (GBJPA) states that the Board of Directors shall select an Auditor in the manner provided by law. California government code Section 6505 requires Joint Power Authorities to have an annual independent audit and make the audited financial statements available on its website.

Last Fiscal Year (FY) 2023-24, Davis Farr, LLP conducted the audit for the GBJPA. Their audit proposal for this FY2024-25 is attached as "Exhibit A". The proposed fixed audit fee for FY2024-25, which includes the Single Audit of the USBR grant, is \$9,760. This represents an increase of \$280 or 3%, compared to the audit fee from the previous year. Staff is familiar with Davis Farr, LLP and recommends them due to their professionalism, partner and staff competency.

RECOMMENDATION:

That the Board approve the selection of Davis Farr, LLP to perform the audit for fiscal year ending June 30, 2025, including a Single Audit of the USBR grant, in the amount of \$9,760.

LIST OF EXHIBITS:

Exhibit "A" – Davis Farr, LLP audit proposal

March 25, 2025

**Groundwater Banking Joint Powers Authority
Neveen Adly, Executive Director, Finance and Administration
15600 Sand Canyon Ave
Irvine, CA 92619**

We are pleased to confirm the arrangements of our engagement and the nature of the services we will provide **Groundwater Banking Joint Powers Authority** (the "Authority").

You have requested that we audit the business-type activities of the Authority, as of June 30, 2025 and for the year then ended and the related notes, which collectively comprise the Authority's basic financial statements as listed in the table of contents. In addition, we will audit the Authority's compliance over major federal award programs for the fiscal year ended June 30, 2025, as necessary.

Our audits will be conducted with the objectives of our expressing an opinion on each opinion unit and an opinion on compliance regarding the Authority's major federal award programs. The objectives of our audit of the financial statements are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with auditing standards generally accepted in the United States of America (GAAS) and in accordance with Government Auditing Standards will always detect a material misstatement when it exists. Misstatements, including omissions, can arise from fraud or error and are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

The objectives of our compliance audit are to obtain sufficient appropriate audit evidence to form an opinion and report at the level specified in the governmental audit requirement about whether the Authority complied in all material respects with the applicable compliance requirements and identify audit and reporting requirements specified in the governmental audit requirement that are supplementary to GAAS and Government Auditing Standards, if any, and perform procedures to address those requirements.

Accounting principles generally accepted in the United States of America, (U.S. GAAP,) as promulgated by the Governmental Accounting Standards Board (GASB) require that certain required supplementary information ("RSI") such as management's discussion and analysis be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the GASB, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. As part of our engagement, we will apply certain limited procedures to the required supplementary information (RSI) in accordance with auditing standards generally accepted in the United States of America, (U.S. GAAS). These

limited procedures will consist primarily of inquiries of management regarding their methods of measurement and presentation, and comparing the information for consistency with management's responses to our inquiries. We will not express an opinion or provide any form of assurance on the RSI. The following RSI is required by U.S. GAAP. This RSI will be subjected to certain limited procedures but will not be audited:

1. Management's Discussion and Analysis

Supplementary information other than RSI will accompany the Authority's basic financial statements. We will subject the following supplementary information to the auditing procedures applied in our audit of the basic financial statements and perform certain additional procedures, including comparing and reconciling the supplementary information to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and additional procedures in accordance with U.S. GAAS. We intend to provide an opinion on the following supplementary information in relation to the basic financial statements as a whole:

1. Schedule of Expenditures of Federal Awards

Data Collection Form

Prior to the completion of our engagement, we will complete the sections of the Data Collection Form that are our responsibility. The form will summarize our audit findings, amounts and conclusions. It is management's responsibility to submit a reporting package including financial statements, schedule of expenditure of federal awards, summary schedule of prior audit findings and corrective action plan along with the Data Collection Form to the federal audit clearinghouse. The financial reporting package must be text searchable, unencrypted, and unlocked. Otherwise, the reporting package will not be accepted by the federal audit clearinghouse. We will assist you in the electronic submission and certification. You may request from us copies of our report for you to include with the reporting package submitted to pass-through entities.

The Data Collection Form is required to be submitted within the *earlier* of 30 days after receipt of our auditors' reports or nine months after the end of the audit period, unless specifically waived by a federal cognizant or oversight agency for audits. Data Collection Forms submitted untimely are one of the factors in assessing programs at a higher risk.

Auditor Responsibilities

We will conduct our audits in accordance GAAS, the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States of America and the audit requirements of Title 2 U.S. Code of Federal Regulations (CFR) Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* (Uniform Guidance). As part of an audit of financial statements in accordance with GAAS and in accordance with *Government Auditing Standards*, we exercise professional judgment and maintain professional skepticism throughout the audit. We also:

- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from

fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.

- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Authority's internal control.² However, we will communicate to you in writing concerning any significant deficiencies or material weaknesses in internal control relevant to the audit of the financial statements that we have identified during the audit.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements, including the disclosures, and whether the financial statements represent the underlying transactions and events in a manner that achieves fair presentation.
- Conclude, based on the audit evidence obtained, whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the Authority's ability to continue as a going concern for a reasonable period of time.

Because of the inherent limitations of an audit, together with the inherent limitations of internal control, an unavoidable risk that some material misstatements or noncompliance may not be detected exists, even though the audit is properly planned and performed in accordance with GAAS and *Government Auditing Standards* of the Comptroller General of the United States of America. Please note that the determination of abuse is subjective and *Government Auditing Standards* does not require auditors to detect abuse.

Our responsibility as auditors is limited to the period covered by our audit and does not extend to any other periods.

Reporting

We will issue a written report upon completion of our audit of the Authority's basic financial statements. Our report will be addressed to the Board of Directors. Circumstances may arise in which our report may differ from its expected form and content based on the results of our audit. Depending on the nature of these circumstances, it may be necessary for us to modify our opinions, add an emphasis-of-matter or other-matter paragraph(s) to our auditor's report, or if necessary, withdraw from the engagement. If our opinions on the basic financial statements are other than unmodified, we will discuss the reasons with you in advance. If, for any reason, we are unable to complete the audit or are unable to form or have not formed opinions, we may decline to express opinions or to issue a report as a result of this engagement.

In accordance with the requirements of *Government Auditing Standards*, we will also issue a written report describing the scope of our testing over internal control over financial reporting and over compliance with laws, regulations, and provisions of grants and contracts, including the results of that testing. However, providing an opinion on internal control and compliance over financial reporting will not be an objective of the audit and, therefore, no such opinion will be expressed.

Audit of Major Program Compliance

Our audit of the Authority's major federal award program(s) compliance will be conducted in accordance with the requirements of the Single Audit Act, as amended; and the Uniform Guidance, and will include tests of accounting records, a determination of major programs in

accordance with the Uniform Guidance and other procedures we consider necessary to enable us to express such an opinion on major federal award program compliance and to render the required reports. We cannot provide assurance that an unmodified opinion on compliance will be expressed. Circumstances may arise in which it is necessary for us to modify our opinion or withdraw from the engagement.

The Uniform Guidance requires that we also plan and perform the audit to obtain reasonable assurance about whether material noncompliance with applicable laws and regulations, the provisions of contracts and grant agreements applicable to major federal award programs, and the applicable compliance requirements occurred, whether due to fraud or error, and express an opinion on the Authority's compliance based on the audit. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS, *Government Auditing Standards*, and the Uniform Guidance will always detect material noncompliance when it exists. The risk of not detecting material noncompliance resulting from fraud is higher than for that resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Noncompliance with the compliance requirements is considered material if there is a substantial likelihood that, individually or in the aggregate, it would influence the judgment made by a reasonable user of the report on compliance about the Authority's compliance with the requirements of the federal programs as a whole.

As part of a compliance audit in accordance with GAAS and in accordance with Government Auditing Standards, we exercise professional judgment and maintain professional skepticism throughout the audit. We also identify and assess the risks of material noncompliance, whether due to fraud or error, and design and perform audit procedures responsive to those risks.

Our procedures will consist of determining major federal programs and, performing the applicable procedures described in the U.S. Office of Management and Budget *OMB Compliance Supplement* for the types of compliance requirements that could have a direct and material effect on each of the Authority's major programs, and performing such other procedures as we considers necessary in the circumstances. The purpose of those procedures will be to express an opinion on the Authority's compliance with requirements applicable to each of its major programs in our report on compliance issued pursuant to the Uniform Guidance.

Also, as required by the Uniform Guidance, we will obtain an understanding of the Authority's internal control over compliance relevant to the audit in order to design and perform tests of controls to evaluate the effectiveness of the design and operation of controls that we consider relevant to preventing or detecting material noncompliance with compliance requirements applicable to each of the Authority's major federal award programs. Our tests will be less in scope than would be necessary to render an opinion on these controls and, accordingly, no opinion will be expressed in our report. However, we will communicate to you, regarding, among other matters, the planned scope and timing of the audit and any significant deficiencies and material weaknesses in internal control over compliance that we have identified during the audit.

We will issue a report on compliance that will include an opinion or disclaimer of opinion regarding the Authority's major federal award programs, and a report on internal controls over compliance that will report any significant deficiencies and material weaknesses identified; however, such report will not express an opinion on internal control.

Management Responsibilities

Our audit will be conducted on the basis that management acknowledge and understand that they have responsibility:

- a. For the preparation and fair presentation of the basic financial statements in accordance with accounting principles generally accepted in the United States of America;
- b. For the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of basic financial statements that are free from material misstatement, whether due to error, fraudulent financial reporting, misappropriation of assets, or violations of laws, governmental regulations, grant agreements, or contractual agreements; and
- c. To provide us with:
 - i. Access to all information of which management is aware that is relevant to the preparation and fair presentation of the basic financial statements such as records, documentation, and other matters;
 - ii. Additional information that we may request from management for the purpose of the audit;
 - iii. Unrestricted access to persons within the Authority from whom we determine it necessary to obtain audit evidence.
 - iv. A written acknowledgement of all the documents that management expects to issue that will be included in the annual report and the planned timing and method of issuance of that annual report; and
 - v. A final version of the annual report (including all the documents that, together, comprise the annual report) in a timely manner prior to the date of the auditor's report.
- d. For including the auditor's report in any document containing basic financial statements that indicates that such basic financial statements have been audited by us;
- e. For identifying and ensuring that the Authority complies with the laws and regulations applicable to its activities;
- f. For preparing the schedule of expenditures of federal awards (including notes and noncash assistance received) in accordance with the Uniform Guidance;
- g. For adjusting the basic financial statements to correct material misstatements and confirming to us in the management representation letter that the effects of any uncorrected misstatements aggregated by us during the current engagement and pertaining to the current year period(s) under audit are immaterial, both individually and in the aggregate, to the basic financial statements as a whole; and
- h. For acceptance of nonattest services, including identifying the proper party to oversee nonattest work;
- i. For maintaining adequate records, selecting and applying accounting principles, and safeguarding assets;
- j. For informing us of any known or suspected fraud affecting the Authority involving management, employees with significant role in internal control and others where fraud could have a material effect on the financials; and
- k. For the accuracy and completeness of all information provided.

With regard to the supplementary information referred to above, you acknowledge and understand your responsibility: (a) for the preparation of the supplementary information in accordance with the applicable criteria; (b) to provide us with the appropriate written representations regarding supplementary information; (c) to include our report on the supplementary information in any document that contains the supplementary information and

that indicates that we have reported on such supplementary information; and (d) to present the supplementary information with the audited basic financial statements, or if the supplementary information will not be presented with the audited basic financial statements, to make the audited basic financial statements readily available to the intended users of the supplementary information no later than the date of issuance by you of the supplementary information and our report thereon.

As part of our audit process, we will request from management, written confirmation concerning representations made to us in connection with the audit.

Nonattest Services

At the end of the year, we agree to perform the following:

- Propose adjusting or correcting journal entries detected during the audit, if applicable, to be reviewed and approved by the Authority's management.

We will not assume management responsibilities on behalf of the Authority. However, we will provide advice and recommendations to assist management of the Authority in performing its responsibilities.

The Authority's management is responsible for (a) making all management decisions and performing all management functions; (b) assigning a competent individual to oversee the services; (c) evaluating the adequacy of the services performed; (d) evaluating and accepting responsibility for the results of the services performed; and (e) establishing and maintaining internal controls, including monitoring ongoing activities.

Our responsibilities and limitations of the nonattest services are as follows:

- We will perform the services in accordance with applicable professional standards
- The nonattest services are limited to the services previously outlined. Our firm, in its sole professional judgment, reserves the right to refuse to do any procedure or take any action that could be construed as making management decisions or assuming management responsibilities, including determining account coding and approving journal entries. Our firm will advise the Authority with regard to tax positions taken in the preparation of the tax return, but the Authority must make all decisions with regard to those matters.

Engagement Fees

We estimate that our fixed fees for the services previously outlined will be as follows:

Audit of Financial Statements	\$ 6,160
Single Audit of Federal Awards*	3,600

The single audit fee includes one major program. If additional programs require auditing, they will be added at an additional cost of \$2,550 per additional program.

Additionally, our fees are dependent on the availability, quality, and completeness of the Authority's records and, where applicable, upon the Authority's personnel providing the level of assistance identified in the "prepared by client" request list distributed at the end of our

planning work (e.g., Authority employees preparing confirmations and schedules we request, locating documents selected by us for testing, etc.).

Should our assumptions with respect to these matters be incorrect, or should the condition of the records, degree of cooperation, or other matters beyond our reasonable control require additional commitments by us beyond those upon which our estimated fees are based, we may adjust our fees and planned completion dates. If significant additional time is necessary, we will discuss it with management and arrive at a new fee estimate as soon as reasonably practicable.

Other Engagement Matters

During the course of the engagement, we may communicate with you or your personnel via fax or e-mail, and you should be aware that communication in those mediums contains a risk of misdirected or intercepted communications.

Enclosed, as required by *Government Auditing Standards*, is a copy of the report on the most recent peer review of our firm.

Government Auditing Standards require that we document an assessment of the skills, knowledge, and experience of management, should we participate in any form of preparation of the basic financial statements and related schedules or disclosures as these actions are deemed a non-audit service.

Jennifer Farr is the engagement partner responsible for supervising the engagement and signing the report.

During the course of the audit we may observe opportunities for economy in, or improved controls over, your operations. We will bring such matters to the attention of the appropriate level of management, either orally or in writing.

You agree to inform us of facts that may affect the basic financial statements of which you may become aware during the period from the date of the auditor's report to the date the financial statements are issued.

We agree to retain our audit documentation or work papers for a period of at least seven years from the date of our report.

At the conclusion of our audit engagement, we will communicate to the Board of Directors the following significant findings from the audit:

- Our view about the qualitative aspects of the Authority's significant accounting practices;
- Significant difficulties, if any, encountered during the audit;
- Uncorrected misstatements, other than those we believe are trivial, if any;
- Disagreements with management, if any;
- Other findings or issues, if any, arising from the audit that are, in our professional judgment, significant and relevant to those charged with governance regarding their oversight of the financial reporting process;
- Material, corrected misstatements that were brought to the attention of management as a result of our audit procedures;
- Representations we requested from management;
- Management's consultations with other accountants, if any; and

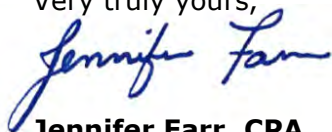
- Significant issues, if any, arising from the audit that were discussed, or the subject of correspondence, with management.

The audit documentation for this engagement is the property of Davis Farr LLP and constitutes confidential information. However, we may be requested to make certain audit documentation available to regulatory agencies pursuant to authority given to it by law or regulation, or to peer reviewers. If requested, access to such audit documentation will be provided under the supervision of Davis Farr LLP's personnel. Furthermore, upon request, we may provide copies of selected audit documentation to regulatory agencies. The regulatory agencies may intend, or decide, to distribute the copies of information contained therein to others, including other governmental agencies.

Please sign and return the attached copy of this letter to indicate your acknowledgment of, and agreement with, the arrangements for our audit of the basic financial statements including our respective responsibilities.

We appreciate the opportunity to provide these services and believe this letter accurately summarizes the significant terms of our engagement.

Very truly yours,



Jennifer Farr, CPA
Davis Farr LLP

The services and arrangements described in this letter are in accordance with our understanding and are acceptable to us.

Groundwater Banking Joint Powers Authority

By _____

Title _____

Date _____

TECHNICAL MEMORANDUM

Date: May 19, 2025
To: Groundwater Banking Joint Powers Authority Board of Directors
From: Dan Bartel
Subject: Hydraulic Analysis of Forward and Reverse Flow of Rosedale No. 1 Channel

A vital portion of the Stockdale North development as well as the full Kern Fan Project is the conveyance of both forward flow and reverse flow in the Rosedale No. 1 Channel. See map below for location of existing projects in relation to the Rosedale No. 1 Channel. The Channel delivers water to recharge areas through two gates directly east of Pumping Plant No. 2 on the Cross Valle Canal (CVC). And recovers well water back into the CVC west of Pumping Plant No. 2. The Rosedale No 1 Channel is relatively flat which allows it to flow both directions relying on gravity without the additional use of pumps. To expand the Kern Fan project with more recharge area, and additional wells (including the Stockdale North Wells) a hydraulic study was performed on Rosedale 1 to analyze what current capacity is available in both directions. The effort was to not only identify maximum flowrates in each direction, but look at economical solutions to increase those capacities for future scaling of the recharge and recovery component of the Kern Fan Project.





DEE JASPAR & ASSOCIATES, INC.
CONSULTING CIVIL ENGINEERS
2730 UNICORN ROAD, BLDG A
BAKERSFIELD, CA 93308
PHONE (661) 393-4796
FAX (661) 393-4799

May 9, 2025

Dan Bartel
c/o Groundwater Banking Joint Powers Authority (GBJPA)
849 Allen Road
Bakersfield, CA 93314

Re: Stockdale North Recharge Basin Facilities Project
Weekly Report (Week 14)

Mr. Bartel,

This serves as a project update for Weeks 13 and 14 of the Stockdale North Recharge Basin Facilities Project.

Project Status as of:	5-9-25	Contract Totals	
Notice to Proceed:	1-17-25	Contract Amount:	\$1,047,002.02
Contract Duration:	120	Change Orders:	\$100,879.68
Completion Date:	5-17-25	Revised Amount:	\$1,147,881.70
Elapsed Days:	112	Work Completed:	\$992,790.08
Remaining Days:	8	% Completed:	86%
Change Order – Days:	-		

Pay Dirt continued the levee embankment fill for the northerly, southerly, and easterly levees of Basin 2 (north basin). They have filled the levee embankments to rough grade and are working on cleanup of embankment slopes as well as beginning to remove the existing sump in the northeast corner of the property. Soils Engineering, Inc. (SEI) was on-site daily to perform compaction testing and all tests were achieving a minimum compaction of 90% relative compaction.

Sincerely,

Curtis Skaggs

Curtis M. Skaggs, P.E.

Pictures (4-28-25 thru 5-9-25)



Excavating Existing Sump



Progress Excavating the Sump and Removing Liner



Excavating Existing Sump



Excavating Existing Sump



Existing Sump Removed; Excavating Keyway for Embankment



Backfilling Keyway at Northeast Corner of Property



Embankment Built to Final Elevation at Northeast Corner of Property



Fine Grading Embankments



Fine Grading Slopes Along West Side of Property



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May 9, 2025

Dan Bartel
c/o Groundwater Banking Joint Powers Authority (GBJPA)
849 Allen Road
Bakersfield, CA 93314

Re: West Enos Recharge Facilities Project
Weekly Report (Week 65)

Mr. Bartel,

This serves as a project update for Weeks 64-65 of the West Enos Recharge Facilities Project.

Earthwork Phase – Lonnie Cross

Project Status as of:	5-9-25	Contract Totals	
Notice to Proceed ¹ :	2-9-24	Contract Amount:	\$1,148,849.53
Contract Duration:	150	Change Orders:	\$31,845.52
Completion Date:	7-8-24	Revised Amount:	\$1,180,695.05
Elapsed Days:	466	Work Completed:	\$1,174,352.37
Remaining Days:	-	% Completed:	99%
Change Order – Days:	-		

¹Notice to Proceed was set for January 22, 2024, however the District delayed the start to make sure all provisions of the grant agreement were being followed. Lonnie Cross started work on February 9th after the biological clearances and training.

Lonnie Cross Land Leveling has completed all the work they can do and they have demobilized the project site. They will return at a later date to complete the last of the levee embankment fill in the area of the bore pit.

Cased Crossing Phase – Allstate Boring

Project Status as of:	5-9-25	Contract Totals	
Notice to Proceed ¹ :	2-29-24	Contract Amount:	\$678,388.00
Contract Duration:	90	Change Orders:	\$186,553.00
Completion Date:	5-29-24	Revised Amount:	\$864,941.00
Elapsed Days:	436	Work Completed:	\$854,441.00
Remaining Days:	-	% Completed:	99%
Change Order – Days:	-		

Allstate Boring completed the casing installation for all four cased crossings beneath Enos Lane and for the cased crossing beneath Stockdale Hwy. A Notice of Completion was prepared and signed and will be recorded with the County Records Office.

Structures Package Phase – RLH Fire Protection, Inc.

Project Status as of:	5-9-25	Contract Totals	
Notice to Proceed ¹ :	5-15-24	Contract Amount:	\$1,547,230.00
Contract Duration:	180	Change Orders:	\$766,824.37
Completion Date:	6-30-25	Revised Amount:	\$2,314,054.37
Elapsed Days:	360	Work Completed:	\$1,894,158.57
Remaining Days:	-	% Completed:	82%
Change Order – Days:	231		

RLH completed the installation of the 42” HDPE carrier pipe at the Stockdale Highway cased crossing. This included the pipeline backfill and compaction and the restoration of the levee embankment in the southeast corner of the Stockdale North Project. RLH also completed the interbasin structures at the West Enos Recharge Facility and commenced the installation of the 27” diameter PVC well recovery pipeline.

Sincerely,

Curtis Skaggs

Curtis M. Skaggs, P.E.

Pictures (4-28-25 thru 5-9-25)



Layout for Backfill of Bore Pit and Pipe Marked Out



Installing End-Seal to North Side of Cased Crossing



Backfilled Bore Pit, Preparing Pipe for Slurry Backfill



Pouring Slurry In-Place



Backfill Above HDPE Pipe; Installing 3" Casing Vent Pipe



Backfilling Pit and HDPE pipe



Concrete Thrust Block Bearing Area Excavated



Installing Thrust Block for 45-Deg Fitting



Earthwork at Embankment Near Cased Crossing



Pipe Trench Backfilled on South Side of Stockdale Highway



Excavator Track Boundary and Centerline of Pipeline Painted Along the Recovery Line Alignment



Excavating Trench Along Recovery Pipeline Alignment

RECORDING REQUESTED BY
AND WHEN RECORDED MAIL TO

Name: Groundwater Banking JPA
Street 849 Allen Road
Address:
City &
State: Bakersfield, CA 93314

SPACE ABOVE THIS LINE FOR RECORDER’S USE

NOTICE OF COMPLETION

Notice pursuant to Civil Code 3093, must be filed within 10 days after completion.

Notice is hereby given that:

- 1. The undersigned is owner or corporate officer of the owner of the interest or estate stated below in the property hereinafter described: West Enos Recharge Facility
- 2. The full name of the owner is Groundwater Banking Joint Powers Authority
- 3. The full address of the owner is 849 Allen Road, Bakersfield, CA 93314
- 4. The nature of the interest or estate of the owner is; In fee.

(If other than fee, strike “In fee” and insert, for example, “purchaser under contract of purchase” or “lessee”)

- 5. The full names and full addresses of all persons, if any, who hold title with the undersigned as joint tenants in common are: N/A

NAMES	ADDRESSES

- 6. A work of improvement on the property hereinafter described was completed on April 25th, 2025
The work done was: meter replacement and remote read system installation.
- 7. The name of the contractor, if any, for such work of improvement was Allstate Boring.

(If no contractor for work of improvement as a whole, insert “none”.)
(Date of Contract)

- 8. The property on which said work of improvement was completed is in the City of Bakersfield, County of Kern, State of California, and is described as follows: located south of Rosedale Hwy and north of Brimhall Road at Enos Lane in Section 26, T29S, R25E, M.D.B.&M
- 9. The street address of said property is None
(If no street address has been officially assigned, insert “none”)

Dated:
Verification for Individual Owner

Signature of owner or corporate officer of owner
named in paragraph 2 or his agent.

VERIFICATION

I, the undersigned, say: I am the General Manager of the declarant
 (“President of”, “Manager of”, “A Partner of”, “Owner of”, etc)
of the foregoing notice of completion; I have read said notice of completion and know the contents thereof; the same is true of my own knowledge.

I declare under penalty of perjury that the foregoing is true and correct.

Executed on , 2025, at Bakersfield, California.
(Date of signature) (City where signed)

(Personal signature of the individual who is swearing that the contents of the notice of completion are true)

GBJPA
West Enos Recharge Facilities Project – Structures
Contract 5.13.2024

Contract Change Order No. 3

Date: 5/9/25

To: GBJPA
849 Allen Rd.
Bakersfield, CA 93314

From: RLH Fire Protection, Inc.
P.O. Box 42470
Bakersfield, CA 93384

This Change Order modifies and amends the provisions of the Contract dated 5/13/2024 by and between GBJPA “Owner” and RLH Fire Protection, Inc. “Contractor”. The following items are hereby changed:

- | | |
|---|---------------------|
| 1. Additional Cost due to Unknown Utility Conflicts at the Stockdale Hwy Crossing | \$20,850.50 |
| 2. Additional Cost to Add Fittings, Bollards, & 24” Butterfly Valve at the connection to the Superior Well Field Piping | \$76,900.00 |
| 3. Additional Cost to Install Basin 13 Turnout Structure and Rip-Rap Inlet and Outlet | <u>\$112,835.00</u> |

Total Change Order No. 3: \$210,585.50

As a result of the changes described above, the amount payable to Contractor is modified as follows:

1. Increase the contract amount from \$2,314,054.37 to \$2,524,639.87.
2. The contract completion date is further extended 89 Calendar Days to June 30, 2025.

EXCEPT AS SET FORTH ABOVE, ALL TERMS AND PROVISIONS OF THE CONTRACT REMAIN IN FULL FORCE AND EFFECT.

Execution of this Change Order by both parties constitutes a binding agreement with regard to the direct costs relating to this change order. Subject to Owner’s right to approve any additional

compensation, Contractor reserves the right to request additional compensation at a later date with regard to the impacts or other indirect costs arising from or related to the work which is subject of this Change Order.

CONTRACTOR

RLH Fire Protection, Inc.

By:_____

OWNER

GBJPA

By: _____
Dan Bartel, General Manager



Fire Sprinklers, Fire Alarms, Security Systems

Bakersfield

San Francisco

San Luis Obispo

December 6, 2024

RLH CCO 7

To: Curtis Skaggs
GBJPA
849 Allen Road
Bakersfield, CA 93314

Re: GBJPA West Enos Project – Stockdale North Cased Crossing

We are pleased to submit the following Change Order for the proposed additional work on the East Side of Enos at the 27" Tie-In point. Our complete price for this work is as follows:

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT BID	ITEM BID
#1	ADDED TIE IN FITTINGS	1.0	LS	\$ 30,950.00	\$ 30,950.00
#2	ADD 24" BFV AND CONNECT	1.0	LS	\$ 48,200.00	\$ 48,200.00
#3	BOLLARDS	2.0	EA	\$ 1,050.00	\$ 2,100.00
	Totals				\$ 81,250.00

Clarifications and Exclusions are as outlined below.

Proposal Clarifications and Notes:

- Item 1 is due to additional unanticipated fittings required. The plans did not show that the existing line was 30". Included in this item is a 30x27 Tee, 90 degree ell and required coupling.
- Item 2 is the price to purchase and install a Domestic 24" Butterfly Valve with stem and two each 27x24 reducers.
- Item 3 is an assumption that the District would want two bollards placed to protect the Stem.

Note: \$17,000 can be deducted from item 2 if an imported valve is acceptable.

This Proposal Specifically Excludes the Following:

- Fees, permits, bonds, special insurance, engineering, staking, materials testing, compaction testing, or other testing, and inspections unless otherwise noted in this proposal.
- Above pricing includes additional bond costs.
- SWPPP and SJVAPCD Permits and plans.

Thank You,

Ken Owen
Estimator/Project Manager

RLH Fire Protection, Inc.

4300 Stine Rd. Suite 500 Bakersfield, CA 93313 Phone: (661) 322-9344 Fax: (661) 322-6816 Lic. #777717



Fire Sprinklers, Fire Alarms, Security Systems

Bakersfield

San Francisco

San Luis Obispo

March 19, 2025

RLH CCO 8

To: Curtis Skaggs
GBJPA
849 Allen Road
Bakersfield, CA 93314

Re: GBJPA West Enos Project – Utility Conflicts at Stockdale North Cased Crossing

We are submitting the following Change Order Request for the additional work required due to unknown utilities at the Stockdale Crossing. Our complete price for this work is as follows:

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT BID	ITEM BID
#1	LANE CLOSURES (SAFETY NETWORK)	1.0	LS	\$ 1,130.00	\$ 1,130.00
#2	RLH POTHOLING CREW (12/3 & 12/18)	8.0	HR	\$ 340.00	\$ 2,720.00
#3	ADDITIONAL EXCAVATION	843.0	CY	\$ 8.50	\$ 7,165.50
#4	ADDITIONAL BACKFILL	1124.0	CY	\$ 8.75	\$ 9,835.00
	Totals				\$ 20,850.50

Clarifications and Exclusions are as outlined below.

Proposal Clarifications and Notes:

1. Item 1 is for one day of Lane Closures on Stockdale Highway during our potholing operations.
2. Item 2 is an RLH Foreman, Laborer, Vacuum Trailer and Foreman Truck to perform 8 hours of potholing for lines not shown on the drawings but discovered after our USA markings.
3. Due to the depth of the utilities found, it was determined that the boring would need to be lowered 3' resulting in additional excavation and backfill charges. These charges are listed on items 3&4.
4. Prevailing Wage Rates are included.

RLH is requesting an additional 4 working days for this additional work.

All other terms and conditions of the contract shall remain unchanged.

Thank You,

Ken Owen
Estimator/Project Manager

RLH Fire Protection, Inc.

4300 Stine Rd. Suite 500

Bakersfield, CA 93313

Phone: (661) 322-9344

Fax: (661) 322-6816

Lic. #777717

Safety Network Traffic Control Services

1345 N Rabe Ave
Fresno, CA 93727
559-291-8000
Fax 559-291-8054

**INVOICE**

Invoice Date	Invoice No.
12/7/2024	00095524

Terms: Net 30 Days**RLH FIRE PROTECTION**

REBECCA
4300 STINE RD SUITE 700
Bakersfield, CA 93313

Job ID: 096502

Stockdale Hwy
W of Enos Ln
Bakersfield, CA

Customer	Customer Job No.	Customer P.O. No.	Period Covered			Foreman Name / Phone#		
RLHFIRE	RPW14009	.	12/3/2024 - 12/3/2024			Ken		
Date	Description		From - To	Qty	Days	Units	Price	Total
12/03/24	Travel - Driver Technician Labor			1		1	\$151.20	\$151.20
12/03/24	Fuel Surcharge		12/03 12/03	1	1	1	\$15.50	\$15.50
12/03/24	Tech Labor - (Journeyman)			4		4	\$180.00	\$720.00
12/03/24	C30A (CA) = Shoulder Closed		12/03 12/03	2	1	2	\$2.00	\$4.00
12/03/24	Cone Reflective 28in		12/03 12/03	50	1	50	\$1.00	\$50.00
12/03/24	Flagstand		12/03 12/03	6	1	6	\$4.50	\$27.00
12/03/24	W21-5 = Shoulder Work		12/03 12/03	2	1	2	\$2.00	\$4.00
12/03/24	W21-5bR= RIGHT SHOULDER CLOSED AHEAD		12/03 12/03	2	1	2	\$2.00	\$4.00

Note: The * indicates taxable items.

EQUIPMENT RENTAL TOTAL	\$89.00
SALES/ONE-TIME CHARGES	\$0.00
LABOR TOTAL	\$886.70
SUBTOTAL	\$975.70
SALES TAX (8.25%)	\$0.00
TOTAL CHARGES	\$975.70
PLEASE PAY THIS AMOUNT	\$975.70

All Invoices not paid before 60 days will have a 2% interest fee added to total invoice amount .

***** Job Complete *****

RPW14009
70-1-14E
KEN
1/20/25



Fire Sprinklers, Fire Alarms, Security Systems

Bakersfield

San Francisco

San Luis Obispo

April 29, 2025

RLH CCO 9

To: Curtis Skaggs
GBJPA
849 Allen Road
Bakersfield, CA 93314

Re: GBJPA West Enos Project – Basin 13 Turn-Out Structure

We are submitting the following Change Order Request for the additional work requested at the Basin 13 Turnout. Our complete price for this work is as follows:

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT BID	ITEM BID
#1	MOVE STRUCTURE TO LOCATION	1.0	LS	\$ 1,650.00	\$ 1,650.00
#2	GRADE FOR STRUCTURE	1.0	LS	\$ 9,750.00	\$ 9,750.00
#3	INSTALL DIST FURNISHED STRUCTURE	1.0	LS	\$ 38,400.00	\$ 38,400.00
#4	FURNISH & INSTALL C-10 CANAL GATE	1.0	EA	\$ 25,100.00	\$ 25,100.00
#5	FURNISH & INSTALL RIP RAP	1405.0	SF	\$ 27.00	\$ 37,935.00
	Totals				\$ 112,835.00

Clarifications and Exclusions are as outlined below.

Proposal Clarifications and Notes:

1. Item 1 is for moving an excavator to the location of the structure, loading the structure on our Lowbed Trailer, hauling the structure to the turnout, and hauling the excavator back to the site.
2. Item 2 includes grading the area for the structure as well as excavating for its footing.
3. Item 3 includes setting the structure and wingwalls, purchasing and installing the electrofusion coupling, placing the concrete for the cut-off wall and concrete backfill as shown at the wingwalls.
4. Item 4 includes purchasing and installing one each C-10 Canal Gate.
5. Item 5 includes grading for the rip rap as well as furnishing and installing fabric, 6" permeable base and 12" rip rap.
6. Prevailing Wage Rates are included.
7. Price does not include furnishing the grates or the weir boards for the structure.

RLH is requesting an additional 10 working days for this additional work. Not included in this time request is potential lead time for the C-10 Canal Gate which is estimated at 7 weeks.

All other terms and conditions of the contract shall remain unchanged.

Thank You,

Ken Owen

RLH Fire Protection, Inc.

4300 Stine Rd. Suite 500

Bakersfield, CA 93313

Phone: (661) 322-9344

Fax: (661) 322-6816

Lic. #777717

Estimator/Project Manager

RLH Fire Protection, Inc.

4300 Stine Rd. Suite 500 Bakersfield, CA 93313 Phone: (661) 322-9344 Fax: (661) 322-6816 Lic. #777717



DEE JASPAR & ASSOCIATES, INC.

CONSULTING CIVIL ENGINEERS

2730 UNICORN ROAD, BLDG A
BAKERSFIELD, CA 93308
PHONE (661) 393-4796
FAX (661) 393-4799

May 15, 2025

Dan Bartel, General Manager
c/o Groundwater Banking Joint Powers Authority
849 Allen Road
Bakersfield, CA 93314

Re: Kern Fan Phase 1 – West Enos & Stockdale North Well Drilling and Equipping Project
Project No. 2025-02
Bid Proposal Review and Recommendation

Mr. Bartel:

Bids were received for the above referenced project and opened at the Rosedale-Rio Bravo Water Storage District office on May 15th, 2025 at 2:00 pm. The bid results are shown in Exhibit A attached hereto.

Two bids were received. Bakersfield Well & Pump Company was the apparent low bidder in the amount of five million six hundred twenty-two thousand two hundred twenty-one dollars and 00/100's - \$5,622,221.00. Bakersfield Well & Pump Company submitted the appropriate bid documents including:

- Proposal Bidding Schedule
- Bidder's Proposal
- Information Required of Bidder Form
- Preliminary Construction Schedule
- Bidder's Non-Collusion Affidavit
- Addenda Acknowledgement
- Bid Security

The bid proposal submitted by Bakersfield Well & Pump Company has been reviewed and it appears that they have submitted all the necessary bid information. There was a math error on Line Item #42 which results in their bid being \$27,000 higher, however they are still the low bidder. A copy of their bid is attached in Exhibit B attached hereto. They are a Class "A" General Engineering Contractor and a "C57" Well Drilling Contractor located in Bakersfield, California. Their contractor's license is active and in good standing. They have several years' experience with these types of projects.

They listed two subcontractor's for this project:

- Hogg Drilling – Conductor Installation
- Pacific Surveys – Well Logging and Videos

The Engineer's Estimate for the bid was \$7,073,425.00. The apparent low bidder is approximately 26% below the Engineer's Estimate, however their bid is in-line with the other bid and appears correct.

It is recommended that the project be awarded to Bakersfield Well & Pump Company in the amount of \$5,622,221.00 and that a pre-construction meeting be arranged upon award and execution of the contract documents.

Sincerely,

A handwritten signature in cursive script that reads "Curtis Skaggs".

Curtis M. Skaggs, PE

EXHIBIT A
BID SUMMARY

Bid Opening
Groundwater Banking Joint Powers Authority
Construction Manager: Dee Jaspar and Associates, Inc.
849 Allen Road
Bakersfield, CA 93314

Project Name: Kern Fan - Phase 1
West Enos & Stockdale North Well Drilling and Equipping Project

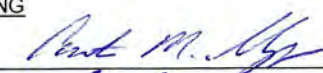

Spec. No.:
Project Number: GBJPA 2025-02
Bid Date: May 15th, 2025, 2:00 pm

<u>Bid No.</u>	<u>Contractor's Name & Address</u>	<u>Total Bid Amount</u>	<u>Non-Collusion Affidavit</u>	<u>Bid Bond</u>	<u>Contractor's Experience Form</u>	<u>Acknowledge Addenda</u>	<u>Remarks</u>
1	Bakersfield Well & Pump Co.	\$5,595,221. ⁰⁰	X	X	X	X	Prelim Schedule
2	S.A. Camp Pump Co.	\$5,782,751. ⁰⁰	X	X	X	X	Prelim Schedule
3							
4							
5							
6							
7							
8							
9							
10							

ATTEST TO OPENING

Bid Opening By: _____

Witness: _____

Groundwater Banking Joint Powers Authority									
KERN FAN PHASE 1 - WEST ENOS & STOCKDALE NORTH WELL DRILLING AND EQUIPPING PROJECT									
Bid Summary									
				Engineer's Estimate		Low Bidder		Bidder 2	
						Bakersfield Well & Pump Co.		SA Camp Pump Co.	
Item No.	Item Description	Quantity	Unit	Unit Cost	Extended Cost	Unit Cost	Extended Cost	Unit Cost	Extended Cost
1	Mobilization	1	LS	\$ 25,000.00	\$ 25,000.00	\$ 50,000.00	\$ 50,000.00	\$ 35,000.00	\$ 35,000.00
2	Demobilization	1	LS	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 35,000.00	\$ 35,000.00
3	Develop and Provide Water Supply	1	LS	\$ 10,000.00	\$ 10,000.00	\$ 5,000.00	\$ 5,000.00	\$ 10,000.00	\$ 10,000.00
4	Environmental Compliance and Permitting	1	LS	\$ 5,000.00	\$ 5,000.00	\$ 2,500.00	\$ 2,500.00	\$ 11,500.00	\$ 11,500.00
5	Prepare, Maintain, and Restore Access Routes	1	LS	\$ 5,000.00	\$ 5,000.00	\$ 25,000.00	\$ 25,000.00	\$ 8,500.00	\$ 8,500.00
Sub-1: General Subtotal (Line Items 1-5):				\$	70,000.00	\$	107,500.00	\$	100,000.00
6	Well Move-In, Move-Out, and Clean-up	1	EA	\$ 50,000.00	\$ 50,000.00	\$ 75,000.00	\$ 75,000.00	\$ 35,000.00	\$ 35,000.00
7	Drill Hole to 42-inch min. Diameter for Conductor Pipe	50	LF	\$ 500.00	\$ 25,000.00	\$ 300.00	\$ 15,000.00	\$ 310.00	\$ 15,500.00
8	Furnish, Install and Grout 36-inch Diameter Conductor Pipe	50	LF	\$ 1,000.00	\$ 50,000.00	\$ 300.00	\$ 15,000.00	\$ 400.00	\$ 20,000.00
9	Drill Pilot Hole to 18-inch max. Diameter	800	LF	\$ 150.00	\$ 120,000.00	\$ 100.00	\$ 80,000.00	\$ 115.00	\$ 92,000.00
10	Perform E-Log of Well	1	EA	\$ 2,500.00	\$ 2,500.00	\$ 6,122.00	\$ 6,122.00	\$ 8,400.00	\$ 8,400.00
11	Perform Caliper Log of Well	1	EA	\$ 2,500.00	\$ 2,500.00	\$ 1,850.00	\$ 1,850.00	\$ 4,000.00	\$ 4,000.00
12	Ream Pilot Hole to 32-inch min. Diameter (for 20" casing)	770	LF	\$ 150.00	\$ 115,500.00	\$ 100.00	\$ 77,000.00	\$ 115.00	\$ 88,550.00
13	Furnish and Install 20-inch Diameter HSLA - Corten Unperforated Well Casing	350	LF	\$ 350.00	\$ 122,500.00	\$ 323.00	\$ 113,050.00	\$ 345.00	\$ 120,750.00
14	Furnish and Install 20-inch Diameter HSLA - Corten Perforated Well Casing, Roscoe Moss Fulflo, 0.090"	460	LF	\$ 425.00	\$ 195,500.00	\$ 438.00	\$ 201,480.00	\$ 455.00	\$ 209,300.00
15	Furnish and Install Gravel Envelope	610	LF	\$ 150.00	\$ 91,500.00	\$ 85.00	\$ 51,850.00	\$ 67.00	\$ 40,870.00
16	Placement of Cement Grout Annular Seal	150	LF	\$ 150.00	\$ 22,500.00	\$ 100.00	\$ 15,000.00	\$ 70.00	\$ 10,500.00
17	Furnish and Install 3" Gravel Tube	165	LF	\$ 45.00	\$ 7,425.00	\$ 39.00	\$ 6,435.00	\$ 48.50	\$ 8,002.50
18	Furnish and Install 3" Air Vent Pipe	5	LF	\$ 50.00	\$ 250.00	\$ 100.00	\$ 500.00	\$ 105.00	\$ 525.00
19	Furnish and Install 3" Sounding Tube/Camera Port	558	LF	\$ 50.00	\$ 27,900.00	\$ 62.00	\$ 34,596.00	\$ 93.00	\$ 51,894.00
20	Swab and Airlift Well	48	HR	\$ 500.00	\$ 24,000.00	\$ 450.00	\$ 21,600.00	\$ 515.00	\$ 24,720.00
21	Develop Well - Pumping and Surging	60	HR	\$ 450.00	\$ 27,000.00	\$ 350.00	\$ 21,000.00	\$ 425.00	\$ 25,500.00
22	Test Pump of Well - Step-Drawdown and Continuous	36	HR	\$ 450.00	\$ 16,200.00	\$ 350.00	\$ 12,600.00	\$ 425.00	\$ 15,300.00
23	Video Log of Well	1	EA	\$ 2,500.00	\$ 2,500.00	\$ 1,679.00	\$ 1,679.00	\$ 2,500.00	\$ 2,500.00
24	Alignment/Deviation Survey	1	EA	\$ 2,500.00	\$ 2,500.00	\$ 2,000.00	\$ 2,000.00	\$ 2,750.00	\$ 2,750.00
25	Gyroscopic Survey	1	EA	\$ 2,500.00	\$ 2,500.00	\$ 2,000.00	\$ 2,000.00	\$ 2,750.00	\$ 2,750.00
26	Dynamic Flow Meter Survey	1	EA	\$ 15,000.00	\$ 15,000.00	\$ 4,500.00	\$ 4,500.00	\$ 6,500.00	\$ 6,500.00
27	Chemical Development	345	LF	\$ 10.00	\$ 3,450.00	\$ 25.00	\$ 8,625.00	\$ 7.50	\$ 2,587.50
27A	Chemical Development Agent (Mud Knox or Equal)	75	GAL	\$ 150.00	\$ 11,250.00	\$ 200.00	\$ 15,000.00	\$ 40.00	\$ 3,000.00
28	Well Disinfection and Capping	1	EA	\$ 5,000.00	\$ 5,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,500.00	\$ 1,500.00
Single Well Subtotal (Line Items 6-28):				\$	942,475.00	\$	782,887.00	\$	792,399.00
Sub-2: Three Well Subtotal (Single Well Subtotal x 3):				\$	2,827,425.00	\$	2,348,661.00	\$	2,377,197.00
29	Furnish and Install 20-inch Diameter Well Compression Section	1	EA	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 15,950.00	\$ 15,950.00
30	Well Borehole Abandonment	1	LF	\$ 25.00	\$ 25.00	\$ 17.64	\$ 17.64	\$ 15,000.00	\$ 15,000.00
31	Idle Time (for additional hours not included in the bid per the Specifications)	1	HR	\$ 150.00	\$ 150.00	\$ 450.00	\$ 450.00	\$ 400.00	\$ 400.00
Total Amount for Schedule "A-1" (Base Contract)				\$	2,897,425.00	\$	2,456,161.00	\$	2,477,197.00
32	Demolish and Remove Existing Concrete Well Pad, Equipment Pads, and Electrical Panels at EW-AG Well	1	EA	\$ 50,000.00	\$ 50,000.00	\$ 4,500.00	\$ 4,500.00	\$ 13,010.00	\$ 13,010.00
33	12'x12' Pedestal-Style Concrete Pump Foundation	4	EA	\$ 16,000.00	\$ 64,000.00	\$ 7,500.00	\$ 30,000.00	\$ 16,500.00	\$ 66,000.00
34	Furnish and Install 400 HP Well Pumping Unit with Electric Motor	4	EA	\$ 85,000.00	\$ 340,000.00	\$ 116,630.00	\$ 466,520.00	\$ 76,618.00	\$ 306,472.00
35	Furnish and Install 12-Inch Steel Column Tube and Shaft	2,160	LF	\$ 200.00	\$ 432,000.00	\$ 399.00	\$ 861,840.00	\$ 475.00	\$ 1,026,000.00
36	Furnish and Install Vertical Turbine Pumping Unit	4	EA	\$ 55,000.00	\$ 220,000.00	\$ 20,450.00	\$ 81,800.00	\$ 66,926.00	\$ 267,704.00
37	Furnish and Install Suction Extension	4	EA	\$ 2,500.00	\$ 10,000.00	\$ 2,500.00	\$ 10,000.00	\$ 2,558.00	\$ 10,232.00
38	Furnish and Install 12-Inch Steel Discharge Piping Assembly, Complete with Valves, Flowmeter, Airvents, Couplings, & All Other Appurtenances at Well Site (Details A-19 and B-19)	4	EA	\$ 125,000.00	\$ 500,000.00	\$ 47,350.00	\$ 189,400.00	\$ 28,000.00	\$ 112,000.00
39	Furnish and Install Panel Shade Structure	4	EA	\$ 45,000.00	\$ 180,000.00	\$ 10,500.00	\$ 42,000.00	\$ 21,170.00	\$ 84,680.00
40	Furnish and Install Panel Security Structure	4	EA	\$ 15,000.00	\$ 60,000.00	\$ 2,500.00	\$ 10,000.00	\$ 9,384.00	\$ 37,536.00
41	Furnish and Install Well Enclosure	4	EA	\$ 55,000.00	\$ 220,000.00	\$ 31,500.00	\$ 126,000.00	\$ 25,000.00	\$ 100,000.00
42	Furnish and Install New Electrical Service (via Pad Mount Transformer), Metering Panel, VFD Control Panel, Instrumentation & Monitoring Panel, All Wiring & Controls, and All Other Electrical Appurtenances at Well Site	3	EA	\$ 550,000.00	\$ 1,650,000.00	\$ 365,000.00	\$ 1,095,000.00	\$ 428,229.00	\$ 1,284,687.00
43A	Furnish and Install Electrical Service (via Existing Pad Mount Transformer), New Metering Panel, VFD Control Panel, Instrumentation & Monitoring Panel, All Wiring & Controls, and All Other Electrical Appurtenances at EW-AG Well Site	1	LS	\$ 550,000.00	\$ 550,000.00	\$ 356,000.00	\$ 356,000.00	\$ 381,852.00	\$ 381,852.00
43B	Furnish and Install Electrical Service (via Existing Pad Mount Transformer), Retrofit of Metering Panel Components, VFD Control Panel, Instrumentation & Monitoring Panel, All Wiring & Controls, and All Other Electrical Appurtenances at EW-AG Well Site	1	LS	\$ 450,000.00	\$ 450,000.00	\$ 249,000.00	\$ 249,000.00	\$ 27,233.00	\$ 27,233.00
Sub-3: New Wells Equipping Subtotal (Excludes Higher of 43A and 43B):				\$	4,176,000.00		\$ 3,166,060.00	\$	3,335,554.00
Total Amount for Schedule "A-2" (Base Contract)				\$	4,176,000.00		\$ 3,166,060.00	\$	3,335,554.00
44	Security Pole & Light (Detail C-33)	1	EA	\$ 20,000.00	\$ 20,000.00	\$ 5,000.00	\$ 5,000.00	\$ 8,000.00	\$ 8,000.00
Total Bid (A-1):				\$	2,897,425.00		\$ 2,456,161.00		\$ 2,477,197.00
Total Bid (A-2):				\$	4,176,000.00		\$ 3,166,060.00		\$ 3,335,554.00
Grand Total Bid: (Sum of the Two Bids)				Base Bid:	\$ 7,073,425.00	Base Bid:	\$ 5,622,221.00	Base Bid:	\$ 5,812,751.00
Subcontractor List									
						Conductor: Logging & Video:	Hogg Drilling Pacific Surveys, LLC.	Conductor: Logging & Video:	Hogg Drilling Pacific Surveys, LLC.
						Schedule Start Date: Completion Date:	July 10, 2025 March 30, 2026	Schedule Start Date: Completion Date:	July 1, 2025 December 19, 2025

Math Errors or Discrepancy from Submitted Bid

EXHIBIT B
BID DOCUMENTS

PROPOSAL

**GROUNDWATER BANKING JOINT POWERS AUTHORITY
Kern County, California**

**KER FAN – PHASE 1
WEST ENOS – STOCKDALE NORTH
WELL DRILLING AND EQUIPPING**

Proposals received until 2:00 p.m., Wednesday, May 7th, 2025.

**To the Board of Directors,
Groundwater Banking Joint Powers Authority (“District”)
849 Allen Rd, Bakersfield, CA 93314
Bakersfield, CA 93314**

The undersigned hereby declares that the only persons or parties interested in this Proposal as principals are those named herein; that no director or officer of the District is in any manner interested, directly or indirectly, in this Proposal or in the profits to be derived from the contract proposed to be taken; that this bid is made without any connection with any other person or persons making a bid for the same purpose; that the bid is in all respects fair and without collusion or fraud; that the undersigned has read the Notice Inviting Bids and the Instructions to Bidders hereto attached, and agrees to all the provisions thereof; that the undersigned has examined the site of the Work, the form of the Agreement approved by the District, and the Plans and Specifications therein referred to, and proposes and agrees that if this bid as submitted in the attached Bidding Schedules be accepted, he will contract in the form so approved to perform all the Work mentioned and as provided in said approved form of the Agreement and the Plans and Specifications and to complete the same within the time stipulated therein; and that he will accept in full payment therefor the prices named in said Bidding Schedules. Said prices are to include and cover the furnishing of all materials except as otherwise provided in the Specifications, the performing of all labor requisite or proper, and the providing of all necessary machinery, tools, apparatus, and other means of construction, and the performance and completion of all the Work in the manner set forth, described, and shown in the Plans and Specifications for the work and in the form of the Agreement. The undersigned has checked carefully all words and figures inserted in said Bidding Schedules and understands that the District will not be responsible for any errors or omissions on the part of the undersigned in making up this Proposal.

The undersigned hereby agrees to execute the Agreement and furnish the required bonds and insurance within ten (10) days from the date of mailing of notice of acceptance of this Proposal, or within such additional time as may be allowed by the Engineer. A certified or cashier's check or a bidder's bond made payable to the Groundwater Banking Joint Powers Authority in the amount of \$ 559,522.120, said amount to be not less than ten percent (10%) of the amount 5,595,221.00

Proposal 1 of 4

Specifications No. GBJPA 2025-02
West Enos – Stockdale North
Well Drilling and Equipping

April 2025
Proposal

of the bid items identified in the Proposal Bond form included in the Contract Documents, is attached hereto as a guarantee that the undersigned will so perform. It is understood and agreed by the undersigned that if he does not so perform, the District shall be entitled to retain the moneys represented by said check or bond.

The bidder further declares that the surety or sureties named in the spaces provided below have agreed to furnish bonds in the form and aggregate amounts set forth in Paragraph B-9 of the Instructions to Bidders, in the event Contract is awarded on the basis of this Proposal.

The bidder further declares under penalty of perjury, in accordance with Business and Professions Code Section 7028.15(e), that the statements contained herein are true and correct.

Dated May 15, 2025

Zim Industries, Inc. dba

Bakersfield Well & Pump Company

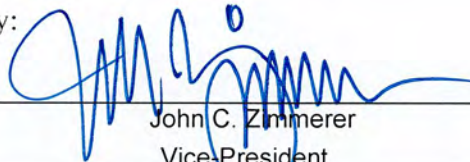
Bidder

Bidder's post office address:

7212 Fruitvale Avenue

Bakersfield, CA 93308

By:


John C. Zimmerer
Vice President
Title

(CORPORATE SEAL)

Names and addresses of all members of the
firm or names and titles of all officers:

Curt B. Zimmerer - President

Robert J. Zimmerer - Secretary/ Vice-President

John C. Zimmerer - Tresurer / Vice-President

Kevin A. Newlen - Vice-President

William P. Zimmerer - Vice-President

Boyd C. Zimmerer - Vice-President

Brian P. Zimmerer - Vice-President

Dexter C. Ogan III - Vice-President

Wesley W. Zimmerer - Vice-President

Corporation organized under the laws of
the State of:

California

Contractor's License No.

440537

Expiration Date

June 30, 2025

Surety or Sureties

Everest National Insurance Company

100 Everest Way, Warren Corporate Center

Warren, NJ 07059

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PROPOSAL BOND**KNOW ALL MEN BY THESE PRESENTS**

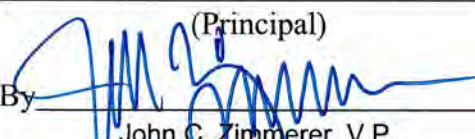
That we, Zim Industries, Inc. dba Bakersfield Well & Pump Company as Principal(s) (hereinafter called the Principal), and the Everest National Insurance Company as Surety (hereinafter called the Surety), are held and firmly bound unto GROUNDWATER BANKING JOINT POWERS AUTHORITY (hereinafter called the Obligee) in the penal sum of ten percent (10%) of the amount of accompanying bid (\$ 10% - Ten Percent of Bid Amount) for the payment of which, well and truly to be made, we, Principal and Surety, bind ourselves, our heirs, administrators, executors, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, said Principal is submitting herewith a bid, or proposal for the Groundwater Banking Joint Powers Authority KERN FAN PHASE 1 – WEST ENOS-STOCKDALE NORTH WELLS DRILLING AND EQUIPPING.


NOW, THEREFORE, if the bid or proposal is not withdrawn within sixty (60) days after the date set for the opening of bids, and notwithstanding the award of the Contract to another bidder, if the bid or proposal of said Principal shall be accepted, and the Contract for such work be awarded to the Principal thereupon by the said Obligee, and said Principal shall within the period specified in the Contract Documents enter into a written Contract and obtain insurance and faithful performance and labor and material bonds of the type and character and in the amount as may be specified, then this obligation shall be null and void; otherwise to be and remain in full force and effect.

In witness whereof, we hereunto set our hands and seals this 28th day of April, 2025.

Zim Industries, Inc. dba Bakersfield Well & Pump Company
(SEAL)

(Principal)
By 
John C. Zimmerer, V.P.

Everest National Insurance Company (SEAL)
(Surety)

By 
Lyn Genito - Attorney in Fact

NOTE: This bond must be acknowledged before a Notary Public, and a legally sufficient power of attorney must be attached to the bond to verify the authority of any party signing on behalf of a surety.

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Civil Code § 1189

State of California)
) ss
County of Fresno)

WITNESS my hand and official seal.



Signature: Kim Wilson
Kim Wilson, Notary Public

**POWER OF ATTORNEY
EVEREST REINSURANCE COMPANY and EVEREST NATIONAL INSURANCE COMPANY**

KNOW ALL PERSONS BY THESE PRESENTS: That Everest Reinsurance Company and Everest National Insurance Company, corporations of the State of Delaware ("Company") having their principal offices located at Warren Corporate Center, 100 Everest Way, Warren, New Jersey, 07059, do hereby nominate, constitute, and appoint:

Steven P. Edwards, Lyn Genito, Bonnie Gonzalez, Kim Wilson

its true and lawful Attorney(s)-in-fact to make, execute, attest, seal and deliver for and on its behalf, as surety, and as its act and deed, where required, any and all bonds and undertakings in the nature thereof, for the penal sum of no one of which is in any event to exceed UNLIMITED, reserving for itself the full power of substitution and revocation.

Such bonds and undertakings, when duly executed by the aforesaid Attorney(s)-in-fact shall be binding upon the Company as fully and to the same extent as if such bonds and undertakings were signed by the President and Secretary of the Company and sealed with its corporate seal.

This Power of Attorney is granted and is signed by facsimile under and by the authority of the following Resolutions adopted by the Board of Directors of Company ("Board") on April 21, 2016:

RESOLVED, that the President, any Executive Vice President, and any Senior Vice President are hereby appointed by the Board as authorized to make, execute, seal and deliver for and on behalf of the Company, any and all bonds, undertakings, contracts or obligations in surety or co-surety with others and that the Secretary or any Assistant Secretary of the Company be and that each of them hereby is authorized to attest to the execution of any such bonds, undertakings, contracts or obligations in surety or co-surety and attach thereto the corporate seal of the Company.

RESOLVED, FURTHER, that the President, any Executive Vice President, and any Senior Vice President are hereby authorized to execute powers of attorney qualifying the attorney named in the given power of attorney to execute, on behalf of the Company, bonds and undertakings in surety or co-surety with others, and that the Secretary or any Assistant Secretary of the Company be, and that each of them is hereby authorized to attest the execution of any such power of attorney, and to attach thereto the corporate seal of the Company.

RESOLVED, FURTHER, that the signature of such officers named in the preceding resolutions and the corporate seal of the Company may be affixed to such powers of attorney or to any certificate relating thereto by facsimile, and any such power of attorney or certificate bearing such facsimile signatures or facsimile seal shall be thereafter valid and binding upon the Company with respect to any bond, undertaking, contract or obligation in surety or co-surety with others to which it is attached.

IN WITNESS WHEREOF, Everest Reinsurance Company and Everest National Insurance Company have caused their corporate seals to be affixed hereto, and these presents to be signed by their duly authorized officers this 10th day of October 2023.



Everest Reinsurance Company and Everest National Insurance Company



By: Anthony Romano, Senior Vice President

On this 22nd of March 2023, before me personally came Anthony Romano, known to me, who, being duly sworn, did execute the above instrument; that he knows the seal of said Company; that the seal affixed to the aforesaid instrument is such corporate seal and was affixed thereto; and that he executed said instrument by like order.

LINDA ROBINS
Notary Public, State of New York
No 01R06239736
Qualified in Queens County
Term Expires April 25, 2027



Linda Robins, Notary Public

I, Sylvia Semerdjian, Assistant Secretary of Everest Reinsurance Company and Everest National Insurance Company do hereby certify that I have compared the foregoing copy of the Power of Attorney and affidavit, and the copy of the Section of the bylaws and resolutions of said Corporation as set forth in said Power of Attorney, with the ORIGINALS ON FILE IN THE HOME OFFICE OF SAID CORPORATION, and that the same are correct transcripts thereof, and of the whole of the said originals, and that the said Power of Attorney has not been revoked and is now in full force and effect.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the seal of said Company, this 28th day of April 2023.



By: Sylvia Semerdjian, Assistant Secretary

CALIFORNIA ACKNOWLEDGMENT

CIVIL CODE § 1189

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California

County of Kern

On May 14, 2025 before me, Barbara Sinco-Kennedy, Notary Public,
Date Here Insert Name and Title of the Officer

personally appeared John C. Zimmerer
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Place Notary Seal and/or Stamp Above

Signature Barbara Sinco-Kennedy
Signature of Notary Public

OPTIONAL

Completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached Document

Title or Type of Document: Proposal Bond

Document Date: April 28, 2025 Number of Pages: Two

Signer(s) Other Than Named Above: No Other Signers(s)

Capacity(ies) Claimed by Signer(s)

Signer's Name: John C. Zimmerer

☒ Corporate Officer – Title(s): Vice-President

☐ Partner – ☐ Limited ☐ General

☐ Individual ☐ Attorney in Fact

☐ Trustee ☐ Guardian or Conservator

☐ Other: _____

Signer is Representing: Zim Industries, Inc. dba Bakersfield Well & Pump Company

Signer's Name: _____

☐ Corporate Officer – Title(s): _____

☐ Partner – ☐ Limited ☐ General

☐ Individual ☐ Attorney in Fact

☐ Trustee ☐ Guardian or Conservator

☐ Other: _____

Signer is Representing: _____

PROPOSAL BIDDING SCHEDULE

**KERN FAN PHASE 1
WEST ENOS – STOCKDALE NORTH
WELL DRILLING AND EQUIPPING**

Bid Schedule A-1 – West Enos & Stockdale North – Well Drilling and Development

All Items Furnished and Installed

The following Bid Schedule lists the items necessary to complete the Work. Bidder shall complete the schedule including the unit and total price of each item, including applicable sales and other taxes. If the total cost of any item or the total Base Bid is inconsistent with the unit cost, the unit cost shall prevail. Payment of each item will be based on the plans and those with an asterisk (*) included in the item number are to be considered as “final pay quantity for each item”, unless the dimensions of the portion of the work shown on the plans are revised by the Engineer, or unless the portion of the work is eliminated. On all other items with no asterisk (*) included in the item number, payment will be based upon the final quantity installed or completed. If the dimensions of the specific portion of the work are revised, and the revisions result in an increase or decrease in the estimated quantity of the portion of the work, the final quantity for payment will be revised in the amount represented by the changes in the dimensions. If the specific portion of the work is eliminated, the final pay quantity designated for the specific portion of the work will be eliminated. All costs for completing the Work described in the Contract documents and on the plans shall be included in the bid items listed below. Bids will be compared on the basis of the grand total of bid items 1 through 28 and 32 through 43. Contractor shall include all costs to accomplish the project including (but not limited to): mobilization/demobilization, develop water supply, materials, equipment, labor, overhead, profit, taxes, delivery charges, permits etc.

BASE BID**NEW WEST ENOS & STOCKDALE NORTH WELLS - GENERAL**

Item No.	Description	Estimated Quantity	Unit	Unit Price	Amount
1 *	Mobilization	1	LS	\$ _____	\$ <u>50,000.00</u>
2 *	Demobilization	1	LS	\$ _____	\$ <u>25,000.00</u>
3 *	Develop and Provide Water Supply	1	LS	\$ _____	\$ <u>5,000.00</u>
4 *	Environmental Compliance and Permitting	1	LS	\$ _____	\$ <u>2,500.00</u>
5 *	Prepare, Maintain and Restore Access Routes	1	LS	\$ _____	\$ <u>25,000.00</u>
Sub-1		General Subtotal (Line Items 1-5):			\$ 107,500.00

WEST ENOS & STOCKDALE NORTH – NEW WELLS (EW1, SN1, & SN2)

Item No.	Description	Estimated Quantity	Unit	Unit Price	Amount
6 *	Well Move-In, Move-Out, and Clean-up	1	EA	\$ 75,000.00	\$ 75,000.00
7	Drill Hole to 42-inch min. Diameter for Conductor Pipe	50	LF	\$ 300.00	\$ 15,000.00
8	Furnish, Install and Grout 36-inch Diameter Conductor Pipe	50	LF	\$ 300.00	\$ 15,000.00
9	Drill Pilot Hole to 18-inch max. Diameter	800	LF	\$ 100.00	\$ 80,000.00
10 *	Perform E-log of Well	1	EA	\$ 6,122.00	\$ 6,122.00
11 *	Perform Caliper Log of Well	1	EA	\$ 1,850.00	\$ 1,850.00
12	Ream Pilot Hole to 32-inch min. Diameter (for 20" casing)	770	LF	\$ 100.00	\$ 77,000.00
13	Furnish and Install 20-inch Diameter HSLA – Corten Unperforated Well Casing	350	LF	\$ 323.00	\$ 113,050.00
14	Furnish and Install 20-inch Diameter HSLA – Corten Perforated Well Casing, Roscoe Moss Fulflo, 0.090" ¹	460	LF	\$ 438.00	\$ 201,480.00
15	Furnish and Install Gravel Envelope	610	LF	\$ 85.00	\$ 51,850.00
16	Placement of Cement Grout Annular Seal	150	LF	\$ 100.00	\$ 15,000.00
17	Furnish and Install 3" Gravel Tube	165	LF	\$ 39.00	\$ 6,435.00
18	Furnish and Install 3" Air Vent Pipe	5	LF	\$ 100.00	\$ 500.00
19	Furnish and Install 3" Sounding Tube/Camera Port	558	LF	\$ 62.00	\$ 34,596.00
20	Swab and Airlift Well	48	HR	\$ 450.00	\$ 21,600.00
21	Develop Well – Pumping and Surging	60	HR	\$ 350.00	\$ 21,000.00
22	Test Pump of Well – Step-Drawdown and Continuous	36	HR	\$ 350.00	\$ 12,600.00
23*	Video Log of Well	1	EA	\$ 1,679.00	\$ 1,679.00

¹ Roscoe Moss perforated casing opening sizes are subject to change after evaluating initial E-log and bore-hole samples.

24*	Alignment/Deviation Survey	1	EA	\$ 2,000.00	\$ 2,000.00
25*	Gyroscopic Survey	1	EA	\$ 2,000.00	\$ 2,000.00
26*	Dynamic Flow Meter Survey	1	EA	\$ 4,500.00	\$ 4,500.00
27	Chemical Development	345	LF	\$ 25.00	\$ 8,625.00
27A	Chemical Development Agent (Mud Knox or Equal)	75	GAL	\$ 200.00	\$ 15,000.00
28*	Well Disinfection and Capping	1	EA	\$ 1,000.00	\$ 1,000.00

Single Well Subtotal (Line Items 6 – 28): \$ 782,887.00

Sub-2

Three Well Subtotal (Single Well Subtotal x 3): \$ 2,348,661.00

OPTIONAL ITEMS AND ADDS/DEDUCTS (NOT INCLUDED IN BID TOTALS)

Item No.	Description	Estimated Quantity	Unit	Unit Price	Amount
29*	Furnish and Install 20-inch Diameter Well Compression Section	1	EA	\$ 20,000.00	\$ 20,000.00
30	Well Borehole Abandonment	—	LF	\$ 17.64	\$ 14,994.00
31	Idle Time (for additional hours not included in the bid per the Specifications)	—	HR	\$ 450.00	\$ 450.00

TOTAL AMOUNT FOR SCHEDULE “A-1” (Base Contract)

\$ 2,456,161.00

PROPOSAL BIDDING SCHEDULE

**KERN FAN PHASE 1
WEST ENOS & STOCKDALE NORTH
WELL DRILLING AND EQUIPPING**

Bid Schedule A-2 – West Enos & Stockdale North – Well Equipping

All Items Furnished and Installed

The following Bid Schedule lists the items necessary to complete the Work. Bidder shall complete the schedule including the unit and total price of each item, including applicable sales and other taxes. If the total cost of any item or the total Base Bid is inconsistent with the unit cost, the unit cost shall prevail. Payment of each item will be based on the plans and those with an asterisk (*) included in the item number are to be considered as “final pay quantity for each item”, unless the dimensions of the portion of the work shown on the plans are revised by the Engineer, or unless the portion of the work is eliminated. On all other items with no asterisk (*) included in the item number, payment will be based upon the final quantity installed or completed. If the dimensions of the specific portion of the work are revised, and the revisions result in an increase or decrease in the estimated quantity of the portion of the work, the final quantity for payment will be revised in the amount represented by the changes in the dimensions. If the specific portion of the work is eliminated, the final pay quantity designated for the specific portion of the work will be eliminated. All costs for completing the Work described in the Contract documents and on the plans shall be included in the bid items listed below. Bids will be compared on the basis of the grand total of bid items 1 through 28 and 32 through 43. Contractor shall include all costs to accomplish the project including (but not limited to): mobilization/demobilization, develop water supply, materials, equipment, labor, overhead, profit, taxes, delivery charges, permits etc.

BASE BID – WELL EQUIPPING

**WEST ENOS & STOCKDALE NORTH
NEW WELLS (EW1, SN1, & SN2) AND EXISTING WELL (EW-AG)**

Item No.	Description	Estimated Quantity	Unit	Unit Price	Amount
32*	Demolish and Remove Existing Concrete Well Pad, Equipment Pads, and Electrical Panels at EW-AG Well.	1	EA	\$ 4,500.00	\$ 4,500.00
33	12'x12' Pedestal-Style Concrete Pump Foundation	4	EA	\$ 7,500.00	\$ 30,000.00
34*	Furnish and Install 400 HP Well Pumping Unit With Electric Motor	4	EA	\$ 116,630.00	\$ 466,520.00

35	Furnish and Install 12-Inch Steel Column Tube and Shaft	2,160	LF	\$ <u>399.00</u>	\$ <u>861,840.00</u>
36*	Furnish and Install Vertical Turbine Pumping Unit	4	EA	\$ <u>20,450.00</u>	\$ <u>81,800.00</u>
37*	Furnish and Install Suction Extension	4	EA	\$ <u>2,500.00</u>	\$ <u>10,000.00</u>
38*	Furnish and Install 12-Inch Steel Discharge Piping Assembly, Complete With Valves, Flowmeter, Airvents, Couplings, & All Other Appurtenances at Well Site (Details A-19 and B-19)	4	EA	\$ <u>47,350.00</u>	\$ <u>189,400.00</u>
39*	Furnish and Install Panel Shade Structure	4	EA	\$ <u>10,500.00</u>	\$ <u>42,000.00</u>
40*	Furnish and Install Panel Security Structure	4	EA	\$ <u>2,500.00</u>	\$ <u>10,000.00</u>
41*	Furnish and Install Well Enclosure	4	EA	\$ <u>31,500.00</u>	\$ <u>126,000.00</u>
42	Furnish and Install New Electrical Service (via Pad Mount Transformer), Metering Panel, <u>VFD</u> Control Panel, Instrumentation & Monitoring Panel, All Wiring & Controls, and All Other Electrical Appurtenances at Well Site	3	EA	\$ <u>365,000.00</u>	\$ <u>1,068,000.00</u>
43A*	OPTION 43A* - Furnish and Install Electrical Service (via Existing Pad Mount Transformer), New Metering Panel, VFD Control Panel, Instrumentation & Monitoring Panel, All Wiring & Controls, and All Other Electrical Appurtenances at EW-AG Well Site	1	LS	\$ <u>356,000.00</u>	\$ <u>356,000.00</u>
43B*	OPTION 43B* - Furnish and Install Electrical Service (via Existing Pad Mount Transformer), Retrofit of Metering Panel Components, VFD Control Panel, Instrumentation & Monitoring Panel, All Wiring & Controls, and All Other Electrical Appurtenances at EW-AG Well Site	1	LS	\$ <u>249,000.00</u>	\$ <u>249,000.00</u>
Sub-3 New Wells Equipping Subtotal (Excludes Higher of 43A and 43B):					\$ <u>3,139,060.00</u>

TOTAL AMOUNT FOR SCHEDULE "A-2" (Base Contract)\$ 3,139,060.00

OPTIONAL ITEMS AND ADDS/DEDUCTS (NOT INCLUDED IN BID TOTALS)

Item No.	Description	Estimated Quantity	Unit	Unit Price	Amount
44	Security Pole & Light (Detail C-33)	1	EA	\$ 5,000.00	\$ 5,000.00

Total Bid (A-1):Total Bid (A-2):**Grand Total Bid: (Sum of the two bids)**

\$ 2,456,161.00

\$ 3,139,060.00

\$ 5,595,221.00

Bid Submitted by:

Contractor Zim Industries, Inc. dba Bakersfield Well & Pump CompanyDate May 15, 2025

SCOPE OF WORK

Measurement and Payment:

Payment for the various items of the Bid Schedule, as further specified herein, shall include all compensation to be received by the Contractor for furnishing all tools, equipment, supplies, and manufactured articles, and for all labor, operations, and incidentals appurtenant to the items of work being described, as necessary to complete the various items of the Work all in accordance with the requirements of the Contract Documents, including all appurtenances thereto, and including all costs of permits and cost of compliance with the regulations of public agencies having jurisdiction, including Safety and Health Requirements of the California Division of Industrial Safety, and the Occupational Safety and Health Administration of the U.S. Department of Labor (OSHA). No separate payment will be made for any item that is not specifically set forth in the Bid Schedule, but which is necessary for the complete construction of the work and all costs therefore shall be included in the prices named in the Bid Schedule for the various appurtenant items of work.

If the total cost of any item or the total Base Bid is inconsistent with the unit cost, the unit cost shall prevail. Quantities indicated on the bid schedule are for bidding purposes and subject to change per the Joint Powers Authority, at the unit rate as bid. Payment of each item will be based on the plans and those with an asterisk (*) included in the item number are to be considered as "final pay quantity for each item", unless the dimensions of the portion of the work shown on the plans are revised by the Engineer, or unless the portion of the work is eliminated. On all other items with no asterisk (*) included in the item number, payment will be based upon the final quantity installed or completed. If the dimensions of the specific portion of the work are revised, and the revisions result in an increase or decrease in the estimated quantity of the portion of the work, the final quantity for payment will be revised in the amount represented by the changes in the dimensions. If the specific portion of the work is eliminated, the final pay quantity designated for the specific portion of the work will be eliminated.

Mobilization (Bid Item No. 1*):

a. Mobilization shall include all activities and costs for transportation of personnel, equipment, and operating supplies to and from the site; establishment of portable sanitary and refuse facilities; obtaining an adequate source of fresh water; location, provision and installation of field offices & equipment/materials, storage yards excavation equipment, buildings, and other necessary facilities for the Contractor's operations at the site; premiums paid for performance and payment bonds, including coinsurance and reinsurance agreements as applicable.

The site is not fenced, the contractor will be responsible to provide his own security for equipment, materials, fuel, tools, etc. that he may have on site.

The Contractor shall provide all necessary equipment & materials; all tools, accessories, power, fuel, materials, supplies, lighting, water, and other support equipment; and experienced personnel necessary to execute the work in an orderly and efficient manner.

Mobilization also includes all items necessary to complete the project that are not covered under any other Bid Item.

b. Measurement and Payment - The Lump Sum Price paid for Mobilization shall include full compensation for all labor, materials, transportation, supplies, tools, equipment, and incidentals and for doing all other work and operations which must be performed or costs incurred to complete the mobilization effort and items to complete the project that are not covered under any other line item – including, but not limited to, premiums paid for performance and payment bonds, including coinsurance and reinsurance agreements as applicable.

Demobilization (Bid Item No. 2*):

a. Demobilization shall include all activities and costs for transportation of personnel, equipment, and supplies not included in the contract from the site; including the disassembly, removal and site cleanup, of offices, equipment, buildings, restoration of facilities, roads, fences, facilities etc. modified or disturbed during the course of the project and other facilities assembled on the site for this contract.

b. Measurement and Payment - The Lump Sum Price paid for Demobilization shall include full compensation for all labor, materials, transportation, supplies, tools, equipment, and incidentals and for doing all other work and operations which must be performed or costs incurred to complete the demobilization effort.

Develop and Provide Water Supply (Bid Item No. 3*):

a. Contractor will be provided with a source of water for construction at each of the Wellfields – see the Plans for source location.

West Enos Wellfield – The primary source of water will be the recharge ponds immediately adjacent to the well sites, if available. If the adjacent ponds do not have sufficient water to serve as a water source, the secondary water source shall be one of the existing ag wells in the vicinity of the project. The existing ag wells are not equipped with pumping equipment and the Contractor is responsible for supplying a submersible pump if the secondary water source becomes necessary. **It is anticipated that water will not be present in the recharge ponds for the majority of the work. The Contractor should anticipate equipping the existing ag well to provide a source of water, either with temporary pumping equipment or the permanent equipment as described in the plans and specifications and approved by the Joint Powers Authority for use.**

Stockdale North Wellfield – The Primary source of water will be the recharge ponds immediately adjacent to the well sites, if available. If the adjacent ponds do not have sufficient water to serve as a water source, the secondary water source shall be the West Intake Canal located west of the well sites and adjacent recharge ponds. **It is anticipated that water will not be present in the recharge ponds for the majority of the work. The Contractor should anticipate using the West Intake Canal as a water source.**

See the plans for the locations of all water supply sources.

b. Measurement and Payment - The Lump Sum Price paid for Develop and Provide Water Supply shall include full compensation for making all completed arrangements and permission, furnishing all fees, labor, materials, tools, equipment, and incidentals and for doing all work involved in developing a sufficient supply of water, furnishing pipeline and other necessary equipment to supply water to the water application equipment for all water required for the work as well as supplying all water necessary for completing the work, for the duration of the project.

Environmental Compliance and Permitting (Bid Item No. 4*):

(PM-10 and SWPPP Compliance)

a. The Contractor shall comply with all local, state and federal requirements for Storm Water Pollution Prevention and Site dust control and **if required by law**, shall prepare a Storm Water Pollution Prevention Plan (SWPPP) and a PM-10 Dust Management Plan and obtain permits for each. Contractor shall install, construct, maintain all necessary measures to comply with and keep the necessary records in accordance with the requirements of mandated environmental compliance.

As required, the contractor shall prepare all plans and shall obtain all necessary permits prior to commencement of construction and shall comply with all local, state, and federal requirements.

b. Measurement and Payment - The Lump Sum Price paid for Environmental Compliance and Permitting shall include full compensation for making all completed arrangements and permission, furnishing all plans, permits, fees, labor, materials, tools, equipment, and incidentals and for doing all work involved in PM-10 and SWPPP Compliance, for the duration of the project.

Prepare, Maintain and Restore Access Routes (Bid Item No. 5*):

a. The Contractor shall perform all dirt work, grading, etc. for proper preparation and maintenance of Construction Access Routes. This includes maintenance and dust control during Construction. Following completion of the project construction, the Contractor shall restore all access routes to original design and fencing to its original location.

b. Measurement and Payment - The Lump Sum Price paid for Preparing, Maintaining and Restoring Access Routes shall include full compensation for all labor, materials, transportation, supplies, tools, equipment, and incidentals and for doing all other work and operations which must be performed or costs incurred prior to beginning, during and

after the completion of the work on this item and no additional allowance shall be made therefore.

WELL CONSTRUCTION:

Well Move-In, Move-Out, and Clean-up (Bid Item No. 6):

a. Well move-in, move-out, and clean-up shall include all activities and costs for transportation of personnel, equipment, and operating supplies to and from each individual well site that is not covered under the general Mobilization and Demobilization for the project. This also includes mobilization and demobilization of tanks, construction and removal of bermed area, cleanup and disposal of any drilling materials and mud from ponds, etc.

b. **Measurement and Payment** - The Lump Sum Price paid for Well move-in, move-out, and clean-up shall include full compensation for all labor, materials, transportation, supplies, tools, equipment, and incidentals and for doing all other work and operations which must be performed or costs incurred prior to beginning, during and after the completion of the work on this item and no additional allowance shall be made therefore.

Drill Hole to 42-inch min. Diameter for Conductor Pipe (Bid Item No. 7):

a. The Contractor shall provide all materials, equipment, labor and incidentals to drill a pilot hole to 42-inch min. diameter 50 ft. deep min. to accommodate conductor pipe installation on each well.

b. **Measurement and Payment** – The Unit Price paid to drill one 42-inch min. diameter pilot hole per well shall include full compensation for all labor, materials, transportation, supplies, tools, equipment, and incidentals and for doing all other work and operations which must be performed or costs incurred prior to beginning, during and after the completion of the work on this item and no additional allowance shall be made therefore.

Furnish, Install and Grout 36-inch Diameter Conductor Pipe (Bid Item No. 8):

a. The Contractor shall provide all materials, equipment, labor and incidentals to furnish, install and grout a 36-inch diameter 50 ft. deep (minimum below ground surface) conductor pipe at each well site.

b. **Measurement and Payment** – The Unit Price paid for furnish, install and grout 36-inch diameter conductor shall include full compensation for all labor, materials, transportation, supplies, tools, equipment, and incidentals and for doing all other work and operations which must be performed or costs incurred prior to beginning, during and after the completion of the work on this item and no additional allowance shall be made therefore.

Drill Pilot Hole to 18-inch max. Diameter (Bid Item No. 9):

a. The Contractor shall provide all materials, equipment, labor and incidentals to drill one 18-inch max. diameter pilot hole below conductor per well to a depth approved by the Joint Powers Authority Representative.

b. **Measurement and Payment** – The Unit Price paid to drill one 18-inch max. diameter pilot hole per well shall include full compensation for all labor, materials, transportation, supplies, tools, equipment, and incidentals and for doing all other work and operations which must be performed or costs incurred prior to beginning, during and after the completion of the work on this item and no additional allowance shall be made therefore.

Perform E-Log of Well (Bid Item No. 10*):

a. The Contractor shall provide all materials, equipment, labor and incidentals to perform an E-log on each well.

b. **Measurement and Payment** – The Unit Price paid to perform caliper log of well on each well shall include full compensation for all labor, materials, transportation, supplies, tools, equipment, and incidentals and for doing all other work and operations which must be performed or costs incurred prior to beginning, during and after the completion of the work on this item and no additional allowance shall be made therefore.

Perform Caliper Log of Well (Bid Item No. 11*):

a. The Contractor shall provide all materials, equipment, labor and incidentals to perform a caliper log on each well.

b. **Measurement and Payment** – The Unit Price paid to perform caliper log of well on each well shall include full compensation for all labor, materials, transportation, supplies, tools, equipment, and incidentals and for doing all other work and operations which must be performed or costs incurred prior to beginning, during and after the completion of the work on this item and no additional allowance shall be made therefore.

Ream Pilot Hole (Bid Item No. 12):

a. The Contractor shall provide all materials, equipment, labor and incidentals to ream pilot hole below conductor on each well to 32-inch min. diameter (for 20" casing).

b. **Measurement and Payment** - The Unit Price to Ream Pilot Hole shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals for doing all work to Ream Pilot Hole and no additional allowance shall be made therefore.

Furnish and Install 20-inch Diameter HSLA – Corten Unperforated Well Casing (Bid Item No. 13):

a. The Contractor shall provide all materials, equipment, labor and incidentals to install unperforated well casing of identical sizing, design and composition in conformance with the plans and specifications.

b. **Measurement and Payment** - The Unit Price per Linear Foot for Unperforated Well Casing shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all work for this item and no additional allowance shall be made therefore.

Furnish and Install 20-inch Diameter HSLA – Corten Perforated Well Casing, Roscoe Moss Fulflo (Bid Item No. 14):

a. The Contractor shall provide all materials, equipment, labor and incidentals to install perforated well casing of identical sizing, design and composition in conformance with the casing option that the Joint Powers Authority chooses to install for each individual well. Quantities and opening size indicated on the bid schedule are for bidding purposes and subject to change per the Joint Powers Authority after e-log and bore sample evaluation at final design stage, at the unit rate as bid.

b. **Measurement and Payment** - The Unit Price per Linear Foot for Perforated Well Casing shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all work for this item and no additional allowance shall be made therefore.

Furnish and Install Gravel Envelope (Bid Item No. 15):

a. The Contractor shall provide all materials, equipment, labor and incidentals to install a gravel envelope between the casing and enlarged borehole on each well, per the specifications.

b. **Measurement and Payment** – The Unit Price paid to furnish and install gravel envelope on each well shall include full compensation for all labor, materials, transportation, supplies, tools, equipment, and incidentals and for doing all other work and operations which must be performed or costs incurred prior to beginning, during and after the completion of the work on this item and no additional allowance shall be made therefore.

Placement of Cement Grout Annular Seal (Bid Item No. 16):

a. The Contractor shall provide all materials, equipment, labor and incidentals to place a cement grout annular seal on each well. This shall include a fine sand seal or approved equivalent between the gravel envelope and cement grout, per the specifications.

b. **Measurement and Payment** – The Unit Price paid to place a cement grout annular seal on each well shall include full compensation for all labor, materials, transportation, supplies, tools, equipment, and incidentals and for doing all other work and operations which must be performed or costs incurred prior to beginning, during and after the completion of the work on this item and no additional allowance shall be made therefore.

Furnish and Install 3" Gravel Tube (Bid Item No. 17):

a. The Contractor shall provide all materials, equipment, labor and incidentals to install a 3" gravel tube on each well as shown in the plans. Gravel tube material shall match casing material.

b. **Measurement and Payment** – The Unit Price paid to furnish and install a 3" gravel tube on each well shall include full compensation for all labor, materials, transportation, supplies, tools, equipment, and incidentals and for doing all other work and operations

which must be performed or costs incurred prior to beginning, during and after the completion of the work on this item and no additional allowance shall be made therefore.

Furnish and Install 3" Air Vent Pipe (Bid Item No. 18):

- a. The Contractor shall provide all materials, equipment, labor and incidentals to install a 3" air vent pipe on each well. Air vent material shall match casing material.
- b. **Measurement and Payment** – The Unit Price paid to furnish and install a 3" air vent pipe on each well shall include full compensation for all labor, materials, transportation, supplies, tools, equipment, and incidentals and for doing all other work and operations which must be performed or costs incurred prior to beginning, during and after the completion of the work on this item and no additional allowance shall be made therefore.

Furnish and Install 3" Sounding Tube/Camera Port (Bid Item No. 19):

- a. The Contractor shall provide all materials, equipment, labor and incidentals to install a 3" sounding tube/camera port on each well as shown in the plans. Sounding tube/camera port material shall match casing material.
- b. **Measurement and Payment** – The Unit Price paid to furnish and install a 3" sounding tube/camera port on each well shall include full compensation for all labor, materials, transportation, supplies, tools, equipment, and incidentals and for doing all other work and operations which must be performed or costs incurred prior to beginning, during and after the completion of the work on this item and no additional allowance shall be made therefore.

Swab and Airlift Well (Bid Item No. 20):

- a. The Contractor shall provide all materials, equipment, labor and incidentals to swab and airlift each well as defined in the specifications.
- b. **Measurement and Payment** – The Unit Price paid to swab and airlift each well shall include full compensation for all labor, materials, transportation, supplies, tools, equipment, and incidentals and for doing all other work and operations which must be performed or costs incurred prior to beginning, during and after the completion of the work on this item and no additional allowance shall be made therefore.

Develop Well – Pumping and Surging (Bid Item No. 21):

- a. The Contractor shall provide all materials, equipment, labor and incidentals to develop each well via pumping and surging. Development pumping shall be per the specifications (minimum) and subject to the Joint Powers Authority's approval.
- b. **Measurement and Payment** – The Unit Price paid to develop each well via pumping and surging shall include full compensation for all labor, materials, transportation, supplies, tools, equipment, and incidentals and for doing all other work and operations which must be performed or costs incurred prior to beginning, during and after the completion of the work on this item and no additional allowance shall be made therefore.

Test Pump of Well – Step-Drawdown and Continuous (Bid Item No. 22):

- a. The Contractor shall provide all materials, equipment, labor and incidentals to test pump each well. Test pumping shall be per the specifications, unless otherwise approved by the Joint Powers Authority.
- b. **Measurement and Payment** – The Unit Price paid to test pump each well shall include full compensation for all labor, materials, transportation, supplies, tools, equipment, and incidentals and for doing all other work and operations which must be performed or costs incurred prior to beginning, during and after the completion of the work on this item and no additional allowance shall be made therefore.

Perform Video Log of Well (Bid Item No. 23*):

- a. The Contractor shall provide all materials, equipment, labor and incidentals to perform a video log on each well.
- b. **Measurement and Payment** – The Unit Price paid to perform a video log on each well shall include full compensation for all labor, materials, transportation, supplies, tools, equipment, and incidentals and for doing all other work and operations which must be performed or costs incurred prior to beginning, during and after the completion of the work on this item and no additional allowance shall be made therefore.

Alignment/Deviation Survey (Bid Item No. 24*):

- a. The Contractor shall provide all materials, equipment, labor and incidentals to perform an alignment/deviation survey on each well.
- b. **Measurement and Payment** – The Unit Price paid to perform an alignment/deviation survey on each well shall include full compensation for all labor, materials, transportation, supplies, tools, equipment, and incidentals and for doing all other work and operations which must be performed or costs incurred prior to beginning, during and after the completion of the work on this item and no additional allowance shall be made therefore.

Gyroscopic Survey (Bid Item No. 25*):

- a. The Contractor shall provide all materials, equipment, labor and incidentals to perform a gyroscopic survey at the request of the Joint Powers Authority Representative.
- b. **Measurement and Payment:** Measurement for payment shall be per each gyroscopic survey performed. The Quantity Pay Unit Price paid to perform a gyroscopic survey shall include full compensation for all labor, materials, transportation, supplies, tools, equipment, and incidentals and for doing all other work and operations which must be performed or costs incurred prior to beginning, during and after the completion of the work on this item and no additional allowance shall be made therefore.

Dynamic Flow Meter Survey (Bid Item No. 26*):

- a. The Contractor shall provide all materials, equipment, labor and incidentals to perform a dynamic flow meter survey **at the request of the Joint Powers Authority Representative.**
- b. **Measurement and Payment** – The Unit Price paid to perform a dynamic flow meter survey shall include full compensation for all labor, materials, transportation, supplies, tools, equipment, and incidentals and for doing all other work and operations which must be performed or costs incurred prior to beginning, during and after the completion of the work on this item and no additional allowance shall be made therefore.

Chemical Development (Bid Item No. 27):

- a. The Contractor shall provide all materials, equipment, labor and incidentals to chemically develop any or all of the wells at the request of the Joint Powers Authority Representative as defined in the specifications.
- b. **Measurement and Payment** – The Unit Price paid to chemically develop wells shall include full compensation for all labor, materials, transportation, supplies, tools, equipment, and incidentals and for doing all other work and operations which must be performed or costs incurred prior to beginning, during and after the completion of the work on this item and no additional allowance shall be made therefore.

Chemical Development Agent (Bid Item No. 27A):

- a. The Contractor shall provide the chemical agent (Mud Knox or approved equivalent) to chemically develop any or all of the wells at the request of the Joint Powers Authority Representative as defined in the specifications.
- b. **Measurement and Payment** – The Unit Price paid for the chemical development agent shall include full compensation for all labor, materials, transportation, supplies, tools, equipment, and incidentals and for doing all other work and operations which must be performed or costs incurred prior to beginning, during and after the completion of the work on this item and no additional allowance shall be made therefore.

Well Disinfection and Capping (Bid Item No. 28*):

- a. The Contractor shall provide all materials, equipment, labor and incidentals disinfect and cap any or all wells at the request of the Joint Powers Authority Representative.
- b. **Measurement and Payment** – The Unit Price paid to disinfect and cap any or all wells shall include full compensation for all labor, materials, transportation, supplies, tools, equipment, and incidentals and for doing all other work and operations which must be performed or costs incurred prior to beginning, during and after the completion of the work on this item and no additional allowance shall be made therefore.

Furnish and Install 20-inch Diameter Well Compression Section (Bid Item No. 29* - OPTIONAL):

a. The Contractor shall provide all materials, equipment, labor and incidentals to install a well compression section corresponding to the well casing size option selected by the Joint Powers Authority. The well compression section shall be in accordance to the design shown in the plans. Well Compression Section material shall match the casing material.

b. **Measurement and Payment** – The Unit Price paid to furnish and install a Well Compression Section shall include full compensation for all labor, materials, transportation, supplies, tools, equipment, and incidentals and for doing all other work and operations which must be performed or costs incurred prior to beginning, during and after the completion of the work on this item and no additional allowance shall be made therefore.

Well Borehole Abandonment (Bid Item No. 30 - OPTIONAL):

a. The Contractor shall provide all materials, equipment, labor and incidentals to abandon a well borehole at the request of the Joint Powers Authority Representative.

b. **Measurement and Payment** – The Unit Price paid to abandon a well borehole shall include full compensation for all labor, materials, transportation, supplies, tools, equipment, and incidentals and for doing all other work and operations which must be performed or costs incurred prior to beginning, during and after the completion of the work on this item and no additional allowance shall be made therefore.

Idle Time (Bid Item No. 31 - OPTIONAL):

a. Idle time represents any additional idle time incurred by the Contractor that is not already included in the bid per the Specifications.

b. **Measurement and Payment** – The per Hour Price paid for additional idle time shall include full compensation for all labor, materials, transportation, supplies, tools, equipment, and incidentals and for doing all other work and operations which must be performed or costs incurred.

WELL EQUIPPING:

Demolish and Remove Existing Concrete Well Pad, Equipment Pads, and Designated Electrical Panels at EW-AG Well (Bid Item No. 32*):

a. The Contractor shall provide all materials, equipment, labor and incidentals to salvage for the Joint Powers Authority and/or demolish, remove, and dispose of the existing facilities including, but not limited to, the existing well pad, designated equipment pads, and designated electrical panels as desired by the Joint Powers Authority. Unless otherwise agreed to by the Joint Powers Authority, disposal of materials on Joint Powers Authority property will not be allowed.

NOTE: Line Item No. 43 has alternative options (43A and 43B), at the Joint Powers Authority's discretion based upon submitted bids, to either retrofit the existing meter panel at EW-AG or to completely replace the existing meter panel. In either case, this Line Item No. 32 shall cover the salvaging (as

directed by the Joint Powers Authority), demolishing, removal, and disposal of the necessary facilities as required by the chosen option. If Option 43A is selected (installation of a new meter panel), the Contractor shall salvage the existing panels for re-use by the Joint Powers Authority. The Joint Powers Authority is not responsible for any facilities damaged by the actions of the Contractor, and it is the Contractor's responsibility to meet the requirements set forth by Line Item No. 43.

b. **Measurement and Payment** - The Lump Sum Price to salvage for the Joint Powers Authority and/or demolish, remove, and dispose of the existing facilities including, but not limited to, the existing well pad, designated equipment pads, and designated electrical panels as desired by the Joint Powers Authority shall include full compensation for furnishing all labor, materials, forms, tools, equipment, and incidentals, and for doing all work and operations which must be performed or costs incurred prior to beginning, during and after the completion of the work on this item and no additional allowance shall be made therefore.

12'x12' Pedestal-Style Concrete Pump Foundation (Bid Item No. 33*):

a. The Contractor shall provide all materials, equipment, labor and incidentals to construct a 12'x12' pedestal-style concrete pump foundation at each wellsite. The Contractor shall perform all subgrade preparation, installation of conduits, forming, tying of steel, provision and placement of concrete, finishing, and curing of pump foundations.

b. **Measurement and Payment** - The Unit Price per Pedestal-Style Concrete Pump Foundation shall include full compensation for furnishing all labor, materials, forms, tools, equipment, and incidentals, and for doing all work and operations which must be performed or costs incurred prior to beginning, during and after the completion of the work on this item and no additional allowance shall be made therefore.

Furnish and Install 400 HP Well Pumping Unit with Electric Motor (Bid Item No. 34):

a. The Contractor shall provide all materials, equipment, labor and incidentals to install a 400 HP well pumping unit with electric motor, pumphead, headshaft, auto-oiler, etc. on each well.

b. **Measurement and Payment** - The Unit Price paid to furnish and install a 400 HP well pumping unit with electric motor on each well shall include full compensation for all labor, materials, transportation, supplies, tools, equipment, and incidentals and for doing all other work and operations which must be performed or costs incurred prior to beginning, during and after the completion of the work on this item and no additional allowance shall be made therefore.

Furnish and Install 12-inch Steel Column Tube and Shaft (Bid Item No. 35):

a. The Contractor shall provide all materials, equipment, labor and incidentals to install 12-inch column tube and shaft on each well.

b. **Measurement and Payment** - The Unit Price paid to furnish and install 12-inch column tube and shaft on each well shall include full compensation for all labor,

materials, transportation, supplies, tools, equipment, and incidentals and for doing all other work and operations which must be performed or costs incurred prior to beginning, during and after the completion of the work on this item and no additional allowance shall be made therefore.

Furnish and Install Vertical Turbine Pumping Unit (Bid Item No. 36):

a. The Contractor shall provide all materials, equipment, labor and incidentals to install a vertical turbine pumping unit on each well.

b. **Measurement and Payment** - The Unit Price paid to furnish and install a vertical turbine pumping unit on each well shall include full compensation for all labor, materials, transportation, supplies, tools, equipment, and incidentals and for doing all other work and operations which must be performed or costs incurred prior to beginning, during and after the completion of the work on this item and no additional allowance shall be made therefore.

Furnish and Install Suction Extension (Bid Item No. 37):

a. The Contractor shall provide all materials, equipment, labor and incidentals to install a suction extension on each well as shown on the Plans.

b. **Measurement and Payment** - The Unit Price paid to furnish and install a suction extension on each well shall include full compensation for all labor, materials, transportation, supplies, tools, equipment, and incidentals and for doing all other work and operations which must be performed or costs incurred prior to beginning, during and after the completion of the work on this item and no additional allowance shall be made therefore.

Furnish and Install 12-inch Steel Discharge Piping Assembly, Complete with Valves, Flowmeter, Airvents, Couplings & All Other Appurtenances at Well Site (Bid Item No. 38):

a. The Contractor shall provide all materials, equipment, labor and incidentals to install 12-inch steel discharge piping assembly, complete with valves, flowmeter, airvents, couplings & all other appurtenances at each well site as shown on the Plans and described in the Specifications.

b. **Measurement and Payment** - The Unit Price paid to furnish and install 12-inch steel discharge piping assembly, complete with valves, flowmeter, airvents, couplings & all other appurtenances at each well site shall include full compensation for all labor, materials, transportation, supplies, tools, equipment, and incidentals and for doing all other work and operations which must be performed or costs incurred prior to beginning, during and after the completion of the work on this item and no additional allowance shall be made therefore.

Furnish and Install Panel Shade Structure (Bid Item No. 39):

a. The Contractor shall provide all materials, equipment, labor and incidentals to install a panel shade structure at each well site as shown on the Plans and described in the Specifications.

b. **Measurement and Payment** - The Unit Price paid to furnish and install a panel shade structure at each well site shall include full compensation for all labor, materials, transportation, supplies, tools, equipment, and incidentals and for doing all other work and operations which must be performed or costs incurred prior to beginning, during and after the completion of the work on this item and no additional allowance shall be made therefore.

Furnish and Install Panel Security Structure (Bid Item No. 40):

a. The Contractor shall provide all materials, equipment, labor and incidentals to install panel security structures at each well site as shown on the Plans and described in the Specifications.

NOTE: Line Item No. 43 has alternative options (43A and 43B), at the Joint Powers Authority's discretion based upon submitted bids, to either retrofit the existing meter panel at EW-AG or to completely replace the existing meter panel. The Contractor is responsible for constructing the appropriate security structure at the EW-AG well location in accordance with the chosen option between Line Item Nos. 43A and 43B.

b. **Measurement and Payment** - The Unit Price paid to furnish and install panel security structures at each well site shall include full compensation for all labor, materials, transportation, supplies, tools, equipment, and incidentals and for doing all other work and operations which must be performed or costs incurred prior to beginning, during and after the completion of the work on this item and no additional allowance shall be made therefore.

Furnish and Install Well Enclosure (Bid Item No. 41):

a. The Contractor shall provide all materials, equipment, labor and incidentals to install a well enclosure at each well site as shown on the Plans and described in the Specifications.

b. **Measurement and Payment** - The Unit Price paid to furnish and install a well enclosure at each well site shall include full compensation for all labor, materials, transportation, supplies, tools, equipment, and incidentals and for doing all other work and operations which must be performed or costs incurred prior to beginning, during and after the completion of the work on this item and no additional allowance shall be made therefore.

Furnish and Install New Electrical Service (via Pad Mount Transformer), Metering Panel, VFD Control Panel, Instrumentation & Monitoring Panel, All Wiring & Controls, and All Other Electrical Appurtenances at Well Site (Bid Item No. 42):

a. The Contractor shall provide all materials, equipment, labor and incidentals to install the electrical service (including the installation of a pad mount transformer), electrical metering panel, variable frequency drive control panel (Yaskawa IQU1000 NEMA 3R Matrix VFD), instrumentation and monitoring panel, all conduits, wiring & controls, lighting and all other electrical appurtenances at each relevant well site as shown on the Plans and described in the Specifications.

b. **Measurement and Payment** - The Unit Price paid to furnish and install the electrical service, electrical panels, all conduits, wiring & controls, and all other electrical appurtenances at each well site shall include full compensation for all labor, materials, transportation, supplies, tools, equipment, and incidentals and for doing all other work and operations which must be performed or costs incurred prior to beginning, during and after the completion of the work on this item and no additional allowance shall be made therefore.

OPTION 43A* - Furnish and Install Electrical Service (via Existing Pad Mount Transformer), New Metering Panel, VFD Control Panel, Instrumentation & Monitoring Panel, All Wiring & Controls, and All Other Electrical Appurtenances at EW-AG Well Site (Bid Item No. 43A*):

a. The Contractor shall provide all materials, equipment, labor and incidentals to install the electrical service beginning from the existing conduit riser and conductor cables currently serving the existing meter panel (including the construction of a new concrete pad for the new meter panel), electrical metering panel, variable frequency drive control panel (Yaskawa IQU1000 NEMA 3R Matrix VFD), instrumentation and monitoring panel, all conduits, wiring & controls, lighting and all other electrical appurtenances at the EW-AG well site as shown on the Plans and described in the Specifications. The salvaging, demolishing, removal, and disposal of existing facilities as shown in the plans is covered by bid item no. 32*.

b. **Measurement and Payment** - The Unit Price paid to furnish and install the electrical service, electrical panels, all conduits, wiring & controls, and all other electrical appurtenances at the EW-AG well site shall include full compensation for all labor, materials, transportation, supplies, tools, equipment, and incidentals and for doing all other work and operations which must be performed or costs incurred prior to beginning, during and after the completion of the work on this item and no additional allowance shall be made therefore. The costs for salvaging, demolishing, removal, and disposal of existing facilities as shown in the plans is covered by bid item no. 32*.

OPTION 43B* - Furnish and Install Electrical Service (via Existing Pad Mount Transformer), Retrofit of Metering Panel Components, VFD Control Panel, Instrumentation & Monitoring Panel, All Wiring & Controls, and All Other Electrical Appurtenances at EW-AG Well Site (Bid Item No. 43B*):

a. The Contractor shall provide all materials, equipment, labor and incidentals to modify the existing meter panel, to install the electrical service (beginning from the modified meter panel), variable frequency drive control panel (Yaskawa IQU1000 NEMA 3R Matrix VFD), instrumentation and monitoring panel, all conduits, wiring & controls, lighting, all other electrical appurtenances, and all relevant components and labor necessary to retrofit the existing meter panel at the EW-AG well site as shown on the Plans and described in the Specifications. The salvaging, demolishing, removal, and disposal of existing facilities as shown in the plans is covered by bid item no. 32*.

b. **Measurement and Payment** - The Unit Price paid to furnish and install the electrical service, electrical panels, all conduits, wiring & controls, all other electrical appurtenances, and all necessary components and labor for the retrofitting of the existing meter panel at the EW-AG well site shall include full compensation for all labor, materials, transportation, supplies, tools, equipment, and incidentals and for doing all other work and operations which must be performed or costs incurred prior to beginning, during and after the completion of the work on this item and no additional allowance shall be made therefore. The costs for salvaging, demolishing, removal, and disposal of existing facilities as shown in the plans is covered by bid item no. 32*.

Security Pole & Light (Bid Item No. 44 - OPTIONAL):

a. The Contractor shall provide all materials, equipment, labor and incidentals to install a Security Pole and Light facility, including related conduits, underground facilities, wiring, switches, etc. per the Plans and Specifications. Item to be installed at the request of the Joint Powers Authority Representative.

b. **Measurement and Payment** - The Unit Price per Security Pole and Light facility shall include full compensation for furnishing all labor, materials, forms, tools, equipment, and incidentals, and for doing all work and operations which must be performed or costs incurred prior to beginning, during and after the completion of the work on this item and no additional allowance shall be made therefore.

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INFORMATION REQUIRED OF BIDDER

EXPERIENCE AND REFERENCES

In conformance with requirements of Sections B and D of these Specifications, the Bidder sets forth the following data:

Listed below are three projects performed under the bidder's supervision during the past ten (10) years involving work of scope and complexity comparable to that to be installed under Contract Specifications:

1. Project Name and Location: Two New Water Wells Drilling Project - Bakersfield, CA 93307

Project Description: Drill (2) Water Wells, Develop, Test & Equip.

Size and Depth of Well: 16" x 930'

Owner: Greenfield County Water District - 551 Taft Highway - Bakersfield, CA 93307

Contract Amount/Completion Date: 1,419,732.00 / 03-09-2021

Reference Contact Name and Telephone Number(s): Caity Williams 661-616-2600

2. Project Name and Location: 2014 Drought Relief Project, Stockdale West Well Drilling and Equipping. Bakersfield, CA

Project Description: Drill (2) Water Wells, Develop, Test & Equip

Size and Depth of Well: 20" x 850'

Owner: Rosedale-Rio Bravo Water Storage District - 849 Allen Rd - Bakersfield, CA 93314

Contract Amount/Completion Date: 1,638,782.22 / 02-04-2021

Reference Contact Name and Telephone Number(s): Dan Bartel 661-589-6045

Groundwater Banking Joint Powers Authority

3. Project Name and Location: Arsenic TPC Mitigation Project - Phase II - Arvin, CA 93203

Project Description: Drill 3- 4 Water Wells, Develop, Test & Equip. Swage (1) Water Well.

Abandon (4) Wells

Size and Depth of Well: 16" x +940'

Owner: Arvin Community Services District - 309 Campus Drive - Arvin, CA 93203

Contract Amount/Completion Date: 2,787,791.03 / 08-31-2022

Reference Contact Name and Telephone Number(s): Jeff Mathiowetz 661-387-1600

MATERIAL SUPPLIERS INFORMATION

The BIDDER shall indicate opposite each item of equipment or material listed below the name of the manufacturer or supplier of the equipment or material proposed to be furnished under the bid:

Well Casing: Roscoe Moss Company

Gravel Pack: SRI

E-Log: Pacific Surveys, LLC

Awarding of a contract under this bid will not imply approval by the Joint Powers Authority or Engineer of the manufacturers or suppliers listed by the bidder. No substitution will be permitted after award of contract unless equipment or material of the listed manufacturer or supplier does not meet the requirements of the Specifications.

LIST OF SUBCONTRACTORS

The bidder hereby designates below the names and business addresses of each subcontractor who will perform work or labor. Please fill out as completely as possible when submitting your bid. Use subcontractor's business name style as registered with the License Board.

- a. Complete the name and location of the place of business of each subcontractor (i) who will perform work or labor or render service to the Bidder in or about the construction contemplated in the Plans and Specifications or (ii) licensed by the State who, under subcontract to the Bidder, specially fabricates and installs a portion of the work or improvement according to the detailed drawings contained

Groundwater Banking Joint Powers Authority

in the Plans and Specifications in an amount in excess of one-half of one percent of the Bidder's total Bid.

- b. Complete the portion of the Work that will be done by each subcontractor. The Bidder shall list only one subcontractor for each portion as is defined by the Bidder in his Bid.
- c. Bidders are reminded of the penalties for the improper substitution of a subcontractor pursuant to Public Contract Code Section 4110.

SUBCONTRACTOR: Hogg Drilling Specialty Construction, Inc.

Business Address: 19632 Brimhall Rd - Bakersfield, CA 93314

Class C-61,D-09 License No. 829276

Item No. or Description of Work: Conductor Borehole Drilling

Dollar Amount or Percentage of Total Bid: 16,500.00

SUBCONTRACTOR: Pacific Surveys, LLC

Business Address: 4456 Via St. Ambrose - Claremont, CA 91711

Class N/A License No. N/A

Item No. or Description of Work: Logging & Video

Dollar Amount or Percentage of Total Bid: 75,000.00

SUBCONTRACTOR:

Business Address: _____

Class _____ License No. _____

Item No. or Description of Work: _____

Dollar Amount or Percentage of Total Bid: _____

SUBCONTRACTOR:

Business Address: _____

Class _____ License No. _____

Item No. or Description of Work: _____

Dollar Amount or Percentage of Total Bid: _____

SUBCONTRACTOR:

Groundwater Banking Joint Powers Authority

Business Address: _____

Class _____ License No. _____

Item No. or Description of Work: _____

Dollar Amount or Percentage of Total Bid: _____

SUBCONTRACTOR:

Business Address: _____

Class _____ License No. _____

Item No. or Description of Work: _____

Dollar Amount or Percentage of Total Bid: _____

SUBCONTRACTOR:

Business Address: _____

Class _____ License No. _____

Item No. or Description of Work: _____

Dollar Amount or Percentage of Total Bid: _____

SUBCONTRACTOR:

Business Address: _____

Class _____ License No. _____

Item No. or Description of Work: _____

Dollar Amount or Percentage of Total Bid: _____

NOTE: Bidder shall attach all additional sheets and attachments as required. Failure to supply all items of information required of bidders may cause the bid to be considered non-responsive.

NON-COLLUSION AFFIDAVIT

(TO BE EXECUTED BY BIDDER AND SUBMITTED WITH BID)

STATE OF CALIFORNIA)

)

COUNTY OF KERN)

I, John C. Zimmerer, declare that I am Vice-President
(sole owner, a partner, president, secretary, etc.)
of Zim Industries, Inc. dba Bakersfield Well & Pump Company
the party making the foregoing bid covering Kern Fan - Phase 1, West Enos & Stockdale North,
Well Drilling and Equipping;

that the bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation; that such bid is genuine and not collusive or sham; that the bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid, and has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or that anyone shall refrain from bidding; that the bidder has not in any manner, directly or indirectly, sought by agreement, communications, or conference with anyone to fix the bid price of the bidder or any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder, or to secure any advantage against the public body awarding the contract of anyone interested in the proposed contract; that all statements contained in the bid are true; and, further, that the bidder has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay, any fee to any corporation, partnership, company, association, organization, bid depository, or to any member or agent thereof, to effectuate a collusive or sham bid.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

Signed: _____

Title: _____

John C. Zimmerer
Vice-President

Note: This affidavit must be acknowledged before a Notary Public.

This page intentionally left blank.

CALIFORNIA ACKNOWLEDGMENT

CIVIL CODE § 1189

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California

County of Kern

On May 14, 2025 before me, Barbara Sinco-Kennedy, Notary Public,
Date Here Insert Name and Title of the Officer

personally appeared John C. Zimmerer
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(ies), and that by his/~~her/their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Place Notary Seal and/or Stamp Above

Signature Barbara Sinco-Kennedy
Signature of Notary Public

OPTIONAL

Completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached Document

Title or Type of Document: Non-Collusion Affidavit

Document Date: "No Date" Number of Pages: Two

Signer(s) Other Than Named Above: No Other Signers(s)

Capacity(ies) Claimed by Signer(s)

Signer's Name: John C. Zimmerer

☒ Corporate Officer – Title(s): Vice-President

☐ Partner – ☐ Limited ☐ General

☐ Individual ☐ Attorney in Fact

☐ Trustee ☐ Guardian or Conservator

☐ Other: _____

Signer is Representing: Zim Industries, Inc. dba Bakersfield Well & Pump Company

Signer's Name: _____

☐ Corporate Officer – Title(s): _____

☐ Partner – ☐ Limited ☐ General

☐ Individual ☐ Attorney in Fact

☐ Trustee ☐ Guardian or Conservator

☐ Other: _____

Signer is Representing: _____

SUBCONTRACTOR'S NON-COLLUSION AFFIDAVIT

(TO BE EXECUTED BY EACH AWARDEE OF A SUBCONTRACTOR)

STATE OF CALIFORNIA)

COUNTY OF KERN)

I, James A Hogg, declare that I am President
(sole owner, a partner, president, secretary, etc.)
of Hogg Drilling Specialty Construction Inc.
the party making the foregoing bid covering Kern Fan-Phase 1, West Enos & Stockdale North, Well Drilling and Equipping
that such bid is not made in the interest of or on behalf of any undisclosed person, partnership, company, association, organization, or corporation; that such bid is genuine and not collusive or sham; that said bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid, and has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or that anyone shall refrain from bidding; that said bidder has not in any manner, directly or indirectly, sought by agreement, communications, or conference with anyone to fix the bid price of said bidder or any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder, or to secure any advantage against the public body awarding the contract of anyone interested in the proposed contract; that all statements contained in the bid are true; and, further, that the bidder has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay, any fee in connection therewith to any corporation, partnership, company, association, organization, bid depository, or to any member or agent thereof, or to any other individual except to such person or persons as have a partnership or other financial interest with said bidder in his general business. The provisions of this affidavit shall not be held as disqualifying a person, firm, or cooperation who has submitted a sub-proposal to one bidder from submitting separate sub-proposals or quoting prices for materials or work to other bidders.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

Signed: Jim A Hogg
Title: president

Note: This affidavit must be acknowledged before a Notary Public.

CALIFORNIA ACKNOWLEDGMENT

CIVIL CODE § 1189

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California

County of Kern

On April 17, 2025 before me, Justin Orque Notary Public

Date

Here Insert Name and Title of the Officer

personally appeared James A. Hogg

Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



Place Notary Seal and/or Stamp Above

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature

Signature of Notary Public

OPTIONAL

Completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached Document

Title or Type of Document: _____

Document Date: _____ Number of Pages: _____

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____

☐ Corporate Officer – Title(s): _____

☐ Partner – ☐ Limited ☐ General

☐ Individual ☐ Attorney in Fact

☐ Trustee ☐ Guardian or Conservator

☐ Other: _____

Signer is Representing: _____

Signer's Name: _____

☐ Corporate Officer – Title(s): _____

☐ Partner – ☐ Limited ☐ General

☐ Individual ☐ Attorney in Fact

☐ Trustee ☐ Guardian or Conservator

☐ Other: _____

Signer is Representing: _____

SUBCONTRACTOR'S NON-COLLUSION AFFIDAVIT

(TO BE EXECUTED BY EACH AWARDEE OF A SUBCONTRACTOR)

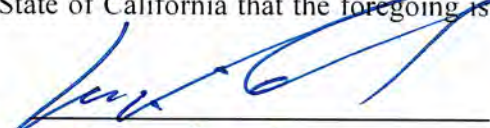
STATE OF CALIFORNIA)

COUNTY OF KERN)

I, Michael Ridder, declare that I am President
(sole owner, a partner, president, secretary, etc.)
of Pacific Surveys, LLC
the party making the foregoing bid covering GBJPA 2025-02

that such bid is not made in the interest of or on behalf of any undisclosed person, partnership, company, association, organization, or corporation; that such bid is genuine and not collusive or sham; that said bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid, and has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or that anyone shall refrain from bidding; that said bidder has not in any manner, directly or indirectly, sought by agreement, communications, or conference with anyone to fix the bid price of said bidder or any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder, or to secure any advantage against the public body awarding the contract of anyone interested in the proposed contract; that all statements contained in the bid are true; and, further, that the bidder has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay, any fee in connection therewith to any corporation, partnership, company, association, organization, bid depository, or to any member or agent thereof, or to any other individual except to such person or persons as have a partnership or other financial interest with said bidder in his general business. The provisions of this affidavit shall not be held as disqualifying a person, firm, or cooperation who has submitted a sub-proposal to one bidder from submitting separate sub-proposals or quoting prices for materials or work to other bidders.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

Signed: 

Title: President

Note: This affidavit must be acknowledged before a Notary Public.

**SEE ATTACHED CALIFORNIA
ACK. / JURAT**

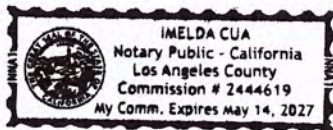
CALIFORNIA ALL PURPOSE ACKNOWLEDGMENT

"A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document."

State of California
County of Los Angeles

On APRIL 14 2025 before me Imelda Cua, Notary Public,
personally appeared MICHAEL RIDDER
who proved to me on the basis of satisfactory evidence to be the person(s) whose
name(s) is/are subscribed to the within instrument and acknowledged to me that
he/she/they executed the same in his/her/their authorized capacity(ies), and that
by his/her/their signatures on the instrument the person(s), or entity upon behalf
of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that
the foregoing paragraph is true and correct.



WITNESS my hand and official seal.

OPTIONAL

*Though the information below is not required by law, it may prove valuable to
persons relying on the document and could prevent fraudulent removal and
reattachment of this form to another document.*

Description of Attached Document

Title or Type of Document: Subcontractor's Non-Collusion AFFIDAVIT
Document Date: 04/14/2025
Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's name: MICHAEL RIDDER
☒ Individual
☐ Corporate Officer
Title(s) _____
☐ Partner ☐ Limited ☐ General
☐ Attorney-in-Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other
Signer is Representing: _____

Signer's name: _____
☐ Individual
☐ Corporate Officer
Title(s) _____
☐ Partner ☐ Limited ☐ General
☐ Attorney-in-Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other
Signer is Representing: _____

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NOTICE TO BIDDERS OF JOB SITE TOUR

YOU ARE REQUIRED TO ATTEND a **mandatory** pre-bid conference and scheduled tour of the Recovery and Return Improvements to Joint Powers Authority's Spreading Grounds for Drought Resiliency – Well Drilling and Equipping Construction site of the Groundwater Banking Joint Powers Authority to be conducted by the Joint Powers Authority on Thursday, April 24th, 2025. The pre-bid conference will start promptly at 11:00 a.m. commencing at the offices of Rosedale-Rio Bravo Water Storage District, located at 849 Allen Rd, Bakersfield, CA 93314 and then continued in the field. It is anticipated that the conference and tour will last approximately two hours.

This will be the only formal tour of the job site conducted by the Joint Powers Authority.

/s/ Dan Bartel

General Manager

Groundwater Banking Joint Powers Authority
849 Allen Rd.
Bakersfield, CA 93314
Telephone: (661) 589-6045

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ZIM INDUSTRIES, INC.


4532 E. Jefferson Ave. • Fresno, CA 93725
Ph. (559) 834-1551 • FAX (559) 834-5156
www.zimindustries.com


CORPORATE RESOLUTION TO EXECUTE CONTRACTS

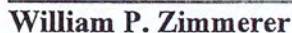
At a meeting of the corporation today, after considerable discussion, the following resolution was moved, seconded and unanimously adopted;

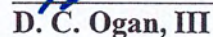
Resolved that any of the following persons, William P. Zimmerer, Robert J. Zimmerer, Curt B. Zimmerer, John C. Zimmerer, Kevin A. Newlen, Brian P. Zimmerer, Boyd C. Zimmerer, D.C. Ogan, III or Wesley W. Zimmerer be, and they hereby are, authorized without further authorization of the board of directors to enter into and execute on behalf of the corporation any and all contracts to do corporate business for ZIM INDUSTRIES, INC. d.b.a. Bakersfield Well and Pump Company.


In witness whereof, I have hereunto set my hand as such Secretary, and affixed the corporate seal of said corporation this 4th day of December 2024.


Robert J. Zimmerer - Secretary


 AUTHORIZED SIGNATURES


William P. Zimmerer



D. C. Ogan, III



Robert J. Zimmerer

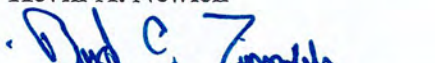

Wesley W. Zimmerer


John C. Zimmerer


Brian P. Zimmerer


Curt B. Zimmerer


Kevin A. Newlen


Boyd C. Zimmerer

State of California

Contractors State License Board

Pursuant to Chapter 9 of Division 3 of the Business and Professions Code
and the Rules and Regulations of the Contractors State License Board,
the Registrar of Contractors does hereby issue this license to:

ZIM INDUSTRIES INC dba ZIM IRRIGATION



to engage in the business or act in the capacity of a contractor
in the following classification(s):

A - GENERAL ENGINEERING CONTRACTOR
C57 - WELL DRILLING (WATER)
D21 - MACHINERY & PUMPS

Witness my hand and seal this day,
March 19, 1992



Robert J. Zimere
Signature of Licensee

Robert J. Zimere
Signature of License Qualifier



CONTRACTORS
STATE LICENSE BOARD
ACTIVE LICENSE



License Number **440537**

Entity **CORP**

Business Name **ZIM INDUSTRIES INC DBA
BAKERSFIELD WELL & PUMP CO**

David R. Phillips
Registrar of Contractors

440537

License Number



Contractor Information

Legal Entity Name
ZIM INDUSTRIES, INC. DBA BAKERSFIELD WELL & P...
Legal Entity Type
Corporation
Status
Active
Registration Number
1000003978
Registration effective date
07/01/22
Registration expiration date
06/30/25
Mailing Address
7212 FRUITVALE AVENUE BAKERSFIELD 93308 CA U...
Physical Address
7212 FRUITVALE AVENUE BAKERSFIELD 93308 CA U...
Email Address
jzimmerer@bwpumps.com
Trade Name/DBA
BAKERSFIELD WELL & PUMP COMPANY
License Number (s)
CSLB:440537

Registration History

Effective Date	Expiration Date
05/04/18	06/30/19
05/05/17	06/30/18
05/04/16	06/30/17
07/07/15	06/30/16
12/16/14	06/30/15
07/01/19	06/30/22
07/01/22	06/30/25

Legal Entity Information

Corporation Entity Number: C0927193
Federal Employment Identification Number: 942597729
President Name: Curt B Zimmerer
Vice President Name: John C. Zimmerer
Treasurer Name: John C. Zimmerer
Secretary Name: Robert J Zimmerer
CEO Name: Curt B Zimmerer

Agency for Service:
Agent of Service Name: Curt B Zimmerer
Agent of Service Mailing Address: 4532 East Jefferson Avenue Fresno 9

Worker's Compensation

Do you lease employees through Professional Employer Organization (PEO)?: No
Please provide your current worker's compensation insurance information below:

PEO Information	PEO	PEO
Name	Phone	Email

Contractor Information

Legal Entity Name
JAMES ANDREW HOGG

Legal Entity Type
Corporation

Status
Active

Registration Number
1000021704

Registration effective date
7/1/2022

Registration expiration date
6/30/2025

Mailing Address
PO BOX 20159 BAKERSFIELD 93390 CA United St...

Physical Address
19632 BRIMHALL ROAD BAKERSFIELD 93314 CA ...

Email Address

Trade Name/DBA
HOGG DRILLING SPECIALTY CONSTRUCTION INC

License Number(s)
CSLB:829276

Registration History

Effective Date	Expiration Date
5/29/2018	6/30/2019
5/15/2017	6/30/2018
6/7/2016	6/30/2017
7/8/2015	6/30/2016
5/13/2015	6/30/2015
7/1/2019	6/30/2022
7/1/2022	6/30/2025

Legal Entity Information

Corporation Number:

Federal Employment Identification Number:

President Name:

James Andrew Hogg

Vice President Name:

Treasurer Name:

Secretary Name:

CEO Name:

Agent of Service Name:

Joseph P. Hanson

Agent of Service Mailing Address:

5555 Business Park South Suite #110 Bakersfield 93309 CA United States of America

Workers Compensation

Do you lease Yes

Contractor Information

Legal Entity Name

PACIFIC SURVEYS, LLC

Legal Entity Type

LLC

Status

Active

Registration Number

1000014306

Registration effective date

07/01/22

Registration expiration date

06/30/25

Mailing Address

4456 VIA SAINT AMBROSE CLAREMONT 91711 CA ...

Physical Address

4456 VIA SAINT AMBROSE CLAREMONT 91711 CA ...

Email Address

kim@pacificsurveys.com

Trade Name/DBA**License Number (s)**

Registration History

Effective Date	Expiration Date
06/14/18	06/30/19
06/09/17	06/30/18
06/28/16	06/30/17
07/29/15	06/30/16
03/06/15	06/30/15
07/01/19	06/30/22
07/01/22	06/30/25

Legal Entity Information

Corporation Entity Number:

199818710069

Federal Employment Identification Number:

954702106

Member name(s):**Member Legal Name:**

Michael Charles Ridder

Member Legal Entity Type:

LLC

Agent for service:**Agent of Service Name:**

Michael Ridder

Agent of Service Mailing Address:

4456 Vis Saint Ambrose Claremont 9

Worker's Compensation

Do you lease employees through Professional Employer Organization (PEO)?:

No

Please provide your current worker's compensation insurance information below:

PEO Information	PEO	PEO
Name	Phone	Email

Insured by Carrier



DEE JASPAR & ASSOCIATES, INC.
CONSULTING CIVIL ENGINEERS
2730 UNICORN ROAD, BLDG A
BAKERSFIELD, CA 93308
PHONE (661) 393-4796
FAX (661) 393-4799

GROUNDWATER BANK JOINT POWERS AUTHORITY

NOTICE TO PLANHOLDERS

MAY 5TH, 2025

This is **Addendum No. 1** to the plans and specifications for the Construction of the Kern Fan – Phase 1 West Enos & Stockdale North Well Drilling and Equipping Project.

THE BID DATE IS HEREBY EXTENDED TO MAY 15TH, 2025 AT 2:00 pm.

Notice is hereby given to prospective bidders that the Plans and Specifications for the Construction of the Kern Fan – Phase 1 West Enos & Stockdale North Drilling and Equipping Project have been modified as hereinafter set forth. This Addendum No. 1 shall form a part of the Contract Documents and takes precedence over the original Contract Documents.

Bidders shall acknowledge receipt of this **Addendum No. 1** in the space below and attach the Addendum to the Proposal.

By: _____

Firm Name Zim Industries, Inc. dba Bakersfield Well & Pump Company

By John C. Zimmerer

Title Vice-President

Date May 15, 2025

Any questions regarding this addendum shall be directed in writing to Curtis M. Skaggs with Dee Jaspar & Associates, Inc.

GROUNDWATER BANK JOINT POWERS AUTHORITY

Addendum No. 1 to Specifications for the CONSTRUCTION OF THE KERN FAN – PHASE 1 WEST ENOS & STOCKDALE NORTH DRILLING AND EQUIPPING PROJECT

May 5th, 2025

Question 1: Are all four pump and motor units to be bid identical design? (400HP / 3,000GPM @ 500' TDH @ 1800RPM bowl design point with 500' setting of 12" x 3-1/2" x 2-3/16" column, tube and shaft)?

***Answer:** In the specifications, refer to page I-3 and the table for the required operating ranges, etc. and to the bullet point below the chart indicating that "the preliminary design point is approximately 3,000 gpm (6.7cfs) at an approximate pumping level of 400-ft with a minimum bowl efficiency of 82%." The typical pumping equipment detail on Sheet 13 of the plans indicates an approximate pump setting of 500', but the actual pump setting and bowl performance characteristics will be determined by the engineer and hydrogeologist after the well is designed and constructed. We will plan to maximize the 400 hp motor and VFD capability in the final bowl design and settings.*

Question 2: Spec Section I, Vertical Turbine Pumps and Motors does not list accepted pump manufacturers - will any pump manufacturer be accepted?

***Answer:** There is no list of accepted pump manufacturers, however, to be acceptable, the pump manufacturer's equipment needs to be from a reputable known brand, readily available in the area and be able to be sourced and serviced by multiple local pump companies, and follow the "made in America" section of the specifications to be approved by the Engineer and GBJPA.*

Question 3: Spec Section I, Vertical Turbine Pumps and Motors, I-2 Quality Control, b. states: "All equipment and accessories furnished under the categories of pumps and motors, shall be provided solely by one source specializing in the furnishing of that applicable equipment category."

- o Does this mean "Unit Responsibility" by the Pump Manufacturer to furnish all column pipe, oil tube, line shafting and suction extension, as well as the bowl assembly, discharge head and motor?*
- o Can the column pipe, oil tube, line shafting, and suction extension be sourced separately by the Contractor?*

***Answer:** Only the bowl assembly, discharge head and motor falls under "Unit Responsibility". The column pipe, oil tube, line shafting, and suction extension may be sourced separately.*

Question 4: Is it required for the column pipe and/ or oil tubes to be epoxy lined and coated?

Answer: The column pipe and/or oil tubes are not required to be epoxy lined and coated.

Question 5: Is it required for the bowl assembly and discharge head to be epoxy lined and coated?

Answer: The bowl assembly and discharge head is to be coated per manufacturer's recommendations. Discharge head and motor shall be finish coated with Polyurethane to match above ground piping (discharge pipe).

Question 6: Is it required for the suction extension to be epoxy lined and coated?

Answer: The suction extension is not required to be epoxy lined and coated.

Question 7: Is it required for the pump and motor units to be NSF 61 Certified?

Answer: NSF 61 Certification is not required for the pump and motor units.

Question 8: Spec Section I, Vertical Turbine Pumps and Motors, I-4 Pump Design and Testing, d. Laboratory Tests for Pumps states "Unless otherwise directed, all tests will be witnessed by the Joint Powers Authority."

- Will a web-based witness test be accepted?

Answer: Third party independent certification of testing by a licensed engineer is acceptable.

Question 9: Confirm that, according to the specs but contrary to information discussed at the pre-bid meeting, excavated mud pits will not be allowed and portable tanks with solids control for cuttings management are required.

Answer: Excavated mud pits will not be allowed and portable tanks with solids control for cuttings management are required. The discussion in the field was in regard to discharge of excess water from the settling tanks during the swab and airlifting and during initial well development with the pump where the water is too turbid to discharge into the recharge pond without risking sealing the pond with fines or drilling mud. The discussion was not intended to change the requirements of the portable tanks and solids control.

Question 10: The 3" sounding, gravel feed, and air vent tubes are specified to have the same physical and chemical properties as the HSLA well casing. 3" is not available in HSLA. Please confirm that mild steel (as indicated on the Plans) is acceptable for these tubes.

Answer: HSLA is required for the 3" sounding, gravel feed and air vent tubes as well as the supports for those welded to the casing. Rosco Moss confirmed that they will provide the 3" HSLA for that purpose.

Question 11: If a clay-dispersant treatment is done with the drill rig during mechanical development, is another one required with the pump development per H.C.4 and Bid Item #27A?

Answer: Yes. Reference Line item #4 under Execution on page H-54 of the specifications. This is required in addition to the two step Chemical Development process during the swab and airlift process described on Pages H-48 through H-50.

Question 12: Is the Contractor required to manually monitor water level recovery for 48-hrs after the completion of the constant rate test?

Answer: Yes, any alternatives to manually monitoring the recovery will need to be submitted and approved by the engineer and hydro-geologist.

Question 13: Does the pump column, tube, and shaft as well as the lubrication system and discharge head need to come from the same supplier as the pump and motor? I.2: "All equipment and accessories furnished under the categories of pumps and motors, shall be provided solely by one source specializing in the furnishing of that applicable equipment category."

Answer: No, see the answer to this question above. Only the pump, discharge head and motor need to come from the same supplier.

Question 14: Please confirm that the 12-Inch Steel Column Tube is required, per L.5.3, to be Shop fusion bonded epoxy lined and coated in accordance with AWWA C213 or liquid epoxy lined and coated conforming to AWWA C210, minimum dry film thickness of 20 mils both inside and outside. And confirm that L.5.5 (greases and wrapped w/ three coatings of tape) does not apply to the column pipe. Or does I.4.e only apply to the column pipe (finished and coated as recommended by the manufacturer)?

Answer: Sections L.5.3 and L.5.5 do not apply the 12" column tube or column pipe. I.4e would apply to the column pipe.

Question 15: Due to the volatility of the current and probable ongoing tariffs, please specify how any price increases due to tariffs will be paid. Is the contractor responsible for any increases estimated at time of bid? Will the client honor any increase upon purchase of the materials? Is the client open to purchase of the materials upon contract approval and pay for the materials prior to performing the work?

Answer: No increase in price will be allowed. The contractor will be responsible for any increases estimated at time of bid.

Question 16: Will additional days be added to the time of completion due to material availability, i.e. Pumps, Electrical, and other long lead time items beyond the contractor's control.

Answer: Consideration of added days to the time of completion may be considered on a item by item and circumstance basis; however, the Contractor will need to

show timely and diligent effort to meet the contract deadlines and should not depend on or expect an extension of time will be granted.

Question 17: Please confirm from the site visit that the contractor can berm and store the cuttings and heavy fluids in the pond, let dry, spread around the levies, then rip the storage location in the pond for percolation.

Answer: *Cuttings and heavy fluids cannot be placed in or discharged into the ponds. They must be kept outside of the ponds. Only pre-settled and clarified, slightly turbid water from swab and airlift and initial development pumping may be discharged into a small basin to allow for further settling of a minor amount of fines so that water will be clean enough to discharge into the larger pond without risk of affecting recharge capabilities.*

Question 18: Please confirm if there is a NTU threshold the contractor must meet to discharge into the ponds.

Answer: *This will be determined in the field by the engineer/GBJPA at the time and will be in the moderately low turbidity range (+/-50 NTU range). What is most critical is the possible effect of the turbid water reducing the recharge rates of the ponds. This will be determined by examination of the water at the time.*

Question 19: Is a rig lifting capacity of 150,000 pound acceptable?

Answer: *Per line item b on sheet H-6, the minimum Rig lift capacity is 180,000lb pull.*

Question 20: Would the SRI #6 gravel be acceptable (sieve analysis curve attached)?

Answer: *Per page H-39 (Gravel Pack Materials), for bidding purposes, the gravel should meet ¼ x 16 gradation and be TACNA, SRI or approved equal. Per that specification, the final gradation will be specified in the final well design - gravel pack material and gradation will not be pre-approved during the bidding process.*

Question 21: Will any sites require soundproofing?

Answer: *None of the sites for this project will require special soundproofing.*

Question 22: Will the engineer want to witness each bowl performance test in lieu of a professional engineer close to the factory who would witness and certify the pump test results?

Answer: *The bowl tests can be witnessed and certified by a qualified 3rd party engineer – approved by the engineer/GBJPA. Engineer/GBJPA reserves the right to witness bowl testing at their option. In this case, travel and lodging would be provided by GBJPA.*

Question 23: Will the engineer want to witness the motor performance test?




















Answer: The motor performance tests can be witnessed and certified by a qualified 3rd party engineer – approved by the engineer/GBJPA. Engineer/GBJPA reserves the right to witness motor testing at their option. In this case, travel and lodging would be provided by GBJPA.

Question 24: Please clarify the motor horsepower for each of the wells.




















Answer: The motors are 400HP as are the VFD's. The 400HP motors called for in the specifications and bid documents are correct.

Question 25: Is there a wire schedule for the wire and cabling at each well site?

Answer: The furnishing and installing of wire and cabling shall be included in the contract scope of work in accordance with the project specifications. The Electrical Contractor is responsible for sizing the wire and cabling as appropriate for the equipment and instrumentation and to meet code requirements.

ID		Task Mode	Task Name	Duration	Start	Finish	2nd Quarter			3rd Quarter			4th Quarter			1st Quarter			2nd C
							Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr
1			Bonds, Insurance, Permits	2 days	Tue 7/1/25	Wed 7/2/25													
2			Equipment Submittals	10 days	Tue 7/1/25	Mon 7/14/25													
3			New Well (EW1)																
4			Mobilization	10 days	Thu 7/10/25	Wed 7/23/25													
5			Install Conductor Casing	1 day	Tue 7/15/25	Tue 7/15/25													
6			Drill 18" Pilothole	5 days	Mon 7/21/25	Fri 7/25/25													
7			E-log & Caliper Log	1 day	Mon 7/28/25	Mon 7/28/25													
8			Ream Pilothole to 32"	5 days	Tue 7/29/25	Mon 8/4/25													
9			Install Well Casing, Gravel & Sounding Tubes	1 day	Tue 8/5/25	Tue 8/5/25													
10			Install Gravel Envelope	1 day	Wed 8/6/25	Wed 8/6/25													
11			Install Cement Annular Seal	1 day	Thu 8/7/25	Thu 8/7/25													
12			Swab & Airlift	5 days	Fri 8/8/25	Thu 8/14/25													
13			Install Development/Test Pump	3 days	Fri 8/15/25	Tue 8/19/25													
14			Pumping & Surging Development	10 days	Wed 8/20/25	Tue 9/2/25													
15			Step-Drawdown & Constant-Rate Testing	3 days	Wed 9/3/25	Fri 9/5/25													
16			Remove Development/Test Pump	3 days	Mon 9/8/25	Wed 9/10/25													
17			Video Log	1 day	Thu 9/11/25	Thu 9/11/25													
18			Alignment, Deviation & Gyroscope Surveys	1 day	Fri 9/12/25	Fri 9/12/25													

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Task		Inactive Summary		External Tasks	
Split		Manual Task		External Milestone	
Milestone		Duration-only		Deadline	
Summary		Manual Summary Rollup		Progress	
Project Summary		Manual Summary		Manual Progress	
Inactive Task		Start-only			
Inactive Milestone		Finish-only			




















ID	Task Mode	Task Name	Duration	Start	Finish	2nd Quarter			3rd Quarter		4th Quarter				1st Quarter			2nd C
						Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	
19		Dynamic Flow Meter Survey	1 day	Mon 9/15/25	Mon 9/15/25													
20		Well Disinfection	1 day	Tue 9/16/25	Tue 9/16/25													
21		New Well (EW1)																
22		Concrete Pump Foundation	5 days	Wed 9/17/25	Tue 9/23/25													
23		F&I 400hp Well Pump	40 days	Wed 9/24/25	Tue 11/18/25													
24		F&I 12" Discharge Piping Assembly	5 days	Wed 11/19/25	Tue 11/25/25													
25		F&I Panel Shade & Security Structures	5 days	Wed 11/26/25	Tue 12/2/25													
26		F&I Well Enclosure	2 days	Wed 12/3/25	Thu 12/4/25													
27		F&I New Electrical Service	10 days	Fri 12/5/25	Thu 12/18/25													
28		F&I Security Pole & Light	2 days	Fri 12/19/25	Mon 12/22/25													
29		Demobilization & Cleanup	5 days	Tue 12/23/25	Mon 12/29/25													
30		New Well (SN1)																
31		Mobilization	5 days	Mon 9/8/25	Fri 9/12/25													
32		Install Conductor Casing	1 day	Thu 7/17/25	Thu 7/17/25													
33		Drill 18" Pilothole	5 days	Mon 9/15/25	Fri 9/19/25													
34		E-log & Caliper Log	1 day	Mon 9/22/25	Mon 9/22/25													
35		Ream Pilothole to 32"	5 days	Tue 9/23/25	Mon 9/29/25													
36		Install Well Casing, Gravel	1 day	Tue 9/30/25	Tue 9/30/25													
37		Install Gravel Envelope	1 day	Wed 10/1/25	Wed 10/1/25													




















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Task		Inactive Summary		External Tasks	
Split		Manual Task		External Milestone	
Milestone		Duration-only		Deadline	
Summary		Manual Summary Rollup		Progress	
Project Summary		Manual Summary		Manual Progress	
Inactive Task		Start-only			
Inactive Milestone		Finish-only			

ID		Task Mode	Task Name	Duration	Start	Finish	2nd Quarter			3rd Quarter		4th Quarter			1st Quarter			2nd Q
							Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	
38			Install Cement Annular Seal	1 day	Thu 10/2/25	Thu 10/2/25												
39			Swab & Airlift	5 days	Fri 10/3/25	Thu 10/9/25												
40			Install Development/Test Pump	3 days	Fri 10/10/25	Tue 10/14/25												
41			Pumping & Surging Development	10 days	Wed 10/15/25	Tue 10/28/25												
42			Step-Drawdown & Constant-Rate Testing	3 days	Wed 10/29/25	Fri 10/31/25												
43			Remove Development/Test Pump	3 days	Mon 11/3/25	Wed 11/5/25												
44			Video Log	1 day	Thu 11/6/25	Thu 11/6/25												
45			Alignment, Deviation & Gyroscope Surveys	1 day	Fri 11/7/25	Fri 11/7/25												
46			Dynamic Flow Meter Survey	1 day	Mon 11/10/25	Mon 11/10/25												
47			Well Disinfection	1 day	Tue 11/11/25	Tue 11/11/25												
48			New Well (SN1)															
49			Demo at EW-AG Wells	5 days	Wed 10/15/25	Tue 10/21/25												
50			Concrete Pump Foundation	5 days	Wed 10/22/25	Tue 10/28/25												
51			F&I 400hp Well Pump	40 days	Wed 10/29/25	Tue 12/23/25												
52			F&I 12" Discharge Piping Assembly	5 days	Wed 12/24/25	Tue 12/30/25												

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	Split		Manual Task		External Milestone	
	Milestone		Duration-only		Deadline	
	Summary		Manual Summary Rollup		Progress	
	Project Summary		Manual Summary		Manual Progress	
	Inactive Task		Start-only			
	Inactive Milestone		Finish-only			

ID		Task Mode	Task Name	Duration	Start	Finish	2nd Quarter			3rd Quarter			4th Quarter			1st Quarter			2nd C
							Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr
53			F&I Panel Shade & Security Structures	5 days	Wed 12/31/25	Tue 1/6/26													
54			F&I Well Enclosure	2 days	Wed 1/7/26	Thu 1/8/26													
55			F&I New Electrical Service	10 days	Fri 1/9/26	Thu 1/22/26													
56			New Well (SN2)																
57			Mobilization	5 days	Wed 10/15/25	Tue 10/21/25													
58			Install Conductor Casing	1 day	Wed 7/16/25	Wed 7/16/25													
59			Drill 18" Pilothole	5 days	Wed 10/22/25	Tue 10/28/25													
60			E-log & Caliper Log	1 day	Wed 10/29/25	Wed 10/29/25													
61			Ream Pilothole to 32"	5 days	Thu 10/30/25	Wed 11/5/25													
62			Install Well Casing, Gravel & Sounding Tubes	1 day	Thu 11/6/25	Thu 11/6/25													
63			Install Gravel Envelope	1 day	Fri 11/7/25	Fri 11/7/25													
64			Install Cement Annular Seal	1 day	Mon 11/10/25	Mon 11/10/25													
65			Swab & Airlift	5 days	Tue 11/11/25	Mon 11/17/25													
66			Install Development/Test Pump	3 days	Tue 11/18/25	Thu 11/20/25													
67			Pumping & Surging Development	10 days	Fri 11/21/25	Thu 12/4/25													
68			Step-Drawdown & Constant-Rate Testing	3 days	Fri 12/5/25	Tue 12/9/25													
69			Remove Development/Test Pump	3 days	Wed 12/10/25	Fri 12/12/25													
70			Video Log	1 day	Mon 12/15/25	Mon 12/15/25													

Project: GBJPA-Kern Fan Ph-1 p Date: Wed 5/14/25	Task		Inactive Summary		External Tasks	
	Split		Manual Task		External Milestone	
	Milestone		Duration-only		Deadline	
	Summary		Manual Summary Rollup		Progress	
	Project Summary		Manual Summary		Manual Progress	
	Inactive Task		Start-only			
	Inactive Milestone		Finish-only			




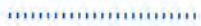












ID	Task Mode	Task Name	Duration	Start	Finish	2nd Quarter			3rd Quarter			4th Quarter			1st Quarter			2nd C
						Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	
71		Alignment, Deviation & Gyroscope Surveys	1 day	Tue 12/16/25	Tue 12/16/25													
72		Dynamic Flow Meter Survey	1 day	Wed 12/17/25	Wed 12/17/25													
73		Well Disinfection	1 day	Thu 12/18/25	Thu 12/18/25													
74		New Well (SN2)																
75		Demo at EW-AG Wells	5 days	Fri 11/21/25	Thu 11/27/25													
76		Concrete Pump Foundation	5 days	Fri 11/28/25	Thu 12/4/25													
77		F&I 400hp Well Pump	40 days	Fri 12/5/25	Thu 1/29/26													
78		F&I 12" Discharge Piping Assembly	5 days	Fri 1/30/26	Thu 2/5/26													
79		F&I Panel Shade & Security Structures	5 days	Fri 2/6/26	Thu 2/12/26													
80		F&I Well Enclosure	2 days	Fri 2/13/26	Mon 2/16/26													
81		F&I New Electrical Service	10 days	Tue 2/17/26	Mon 3/2/26													
82		New Wlls (EW1, SN1,SN2) &																
83		Demo at EW-AG Wells	5 days	Mon 7/28/25	Fri 8/1/25													
84		Concrete Pump Foundation	5 days	Mon 8/4/25	Fri 8/8/25													
85		F&I 400hp Well Pump	40 days	Mon 8/11/25	Fri 10/3/25													
86		F&I 12" Discharge Piping Assembly	5 days	Mon 10/6/25	Fri 10/10/25													
87		F&I Panel Shade & Security Structures	5 days	Mon 10/13/25	Fri 10/17/25													

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Task		Inactive Summary		External Tasks	
Split		Manual Task		External Milestone	
Milestone		Duration-only		Deadline	
Summary		Manual Summary Rollup		Progress	
Project Summary		Manual Summary		Manual Progress	
Inactive Task		Start-only			
Inactive Milestone		Finish-only			

ID		Task Mode	Task Name	Duration	Start	Finish	2nd Quarter			3rd Quarter			4th Quarter			1st Quarter			2nd Q
							Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr
88			F&I Well Enclosure	2 days	Mon 10/20/25	Tue 10/21/25													
89			F&I New Electrical Service	10 days	Wed 10/22/25	Tue 11/4/25													
90			F&I (Optional 43A) Electrical Service	0 days	Wed 11/5/25	Wed 11/5/25								11/5					
91			F&I (Optional 43B) Electrical Service	5 days	Wed 11/5/25	Tue 11/11/25													
92			F&I Security Pole & Light	2 days	Wed 11/12/25	Thu 11/13/25													
93			Demobilization & Cleanup	20 days	Tue 3/3/26	Mon 3/30/26													

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Task		Inactive Summary		External Tasks	
Split		Manual Task		External Milestone	
Milestone		Duration-only		Deadline	
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Project Summary		Manual Summary		Manual Progress	
Inactive Task		Start-only			
Inactive Milestone		Finish-only	