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**Job 759 - Orestimba Recharge Project
ORESTIMBA CREEK WORK JOB SCHEDULE**

	Current Week	WEEK TWO							WEEK THREE							WEEK FOUR														
		March							March							April														
		Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun								
		11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	
	Lead																													
General Work Activities																														
1	Install 48" RCP @ Toe Ditch																													
2	Grading @ Toe Ditch																													
3	F/P/S Concrete Stairs & Rubicon Slab @ Toe Ditch																													
4	Install 36" Manifold and Tie-in 36" HDPE																													
5	Install Discharge Piping @ Pump Station																													
6	Excavate & Place Control Building Footing																													
7	Electrical Work @ Pump Station																													
8	Painting Sub @ Pump Station																													

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2175 N California Blvd
Suite 315
Walnut Creek, CA 94596
www.woodardcurran.com

T 800.426.4262
T 925.627.4100

MEMORANDUM



TO: Chris White, Executive Director, San Joaquin River Exchange Contractors Water Authority
Anthea Hansen, General Manager, Del Puerto Water District

FROM: Andy Neal

DATE: March 1, 2024

RE: Del Puerto Canyon Reservoir Progress Update for March 2024 Board Meeting

Mr. White and Ms. Hansen:

Below is a summary of our progress on the Del Puerto Canyon Reservoir project.

Project Goals:

- 1) Design, permit, and construct an 82,000 AF south-of-delta reservoir to provide locally-owned and controlled water storage for agricultural and west-side communities water supply.
- 2) Seek to obtain up to 25% federal cost share through the Water Infrastructure Improvements in the Nation (WIIN) Act. A proportional share of the project benefits are the federal benefits.

Dam Design/Engineering

The Terra-GeoPentech team continued work to analyze the samples and process information obtained during the extensive fieldwork that concluded in November. The team is planning some minor additional fieldwork in the spring to supplement the data gathered thus far.

Utility Relocation

The program team continues to coordinate with Crimson on the relocation of their petroleum line following the assignment of new staff by Crimson.

The Program team continues to work with PG&E and the dam designer TGP to coordinate and define adjustments to avoid a potential conflict between the proposed dam spillway and proposed PG&E electrical towers. PG&E continues to review a proposal made by TGP that resolves the tower location conflict.

Environmental

The Program team is continuing to work on the EIS, defining the physical features of the Ingram Canyon Alternative. During the past month, information to quantify construction-phase impacts was developed. The team continues to meet regularly with Reclamation to move the EIS forward. Limited field reconnaissance for the Ingram Canyon Alternative will be done in the spring, as will preliminary amphibian surveys along Del Puerto Creek.

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New Road Alignment

Following the screening of alternative road relocation alignments that concluded in January, the TYLin road team is further developing and evaluating the top four alternatives. The team anticipates recommending and gaining consensus on a preferred alternative by the end of April. That alternative will then be reflected in CEQA and NEPA documentation.

Public Outreach

No new update

Project Financing

The team prepared updated cash flow projections and is in the process of preparing a request for release of additional WIIN Act funds under the budget authorized by Reclamation.

Programmatic

- 1) Weekly client meetings
- 2) Weekly Reclamation meetings
- 3) Weekly internal team meetings
- 4) Bi-weekly internal meetings with the TGP dam design team, TYLin road design team, and clients

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Progress Report

Del Puerto Canyon Reservoir Program Management

Subject: January 2024 Progress Report

Prepared for: Anthea Hansen (DPWD) and Chris White (SJRECWA)

Prepared by: Xavier Irias and Romy Sharafi (Woodard & Curran)

Date: February 28, 2024

Project No.: 0011297.00

This progress report summarizes the work performed by Woodard & Curran and subconsultants for the period between January 2, 2024 and January 26, 2024, for Del Puerto Canyon Reservoir Program Management. Please contact aneal@woodardcurran.com or (925) 627-4114 with any questions.

Work Performed

A summary of work performed during the current reporting period is summarized in the following table.

Task Description	Work Completed This Period
Task 1 Program Management	<ul style="list-style-type: none">• Weekly internal team and external client coordination meetings.• Project management tool maintenance (EVA, document management portal, staff management and tracking, sub billing calendar).• Budget, schedule, and scoping tracking and updates.• Coordination with and management of subcontractors.
Task 2 Agency Coordination and Permitting Plan	<ul style="list-style-type: none">• USBR weekly meetings and preparation.• Internal meetings and staff coordination related to permitting and agency coordination efforts.• The Golden Eagle survey occurred on January 18, 2024.• ICF coordinated with USFWS for the eagle permit amendment to request 2024 extension

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Task Description	Work Completed This Period
<p>Task 3 Reservoir Operations Analysis</p>	<ul style="list-style-type: none"> • Began single-outlet analysis on reservoirs
<p>Task 4 Funding</p>	<ul style="list-style-type: none"> • Review and markup of materials for review
<p>Task 5 CEQA/NEPA</p>	<ul style="list-style-type: none"> • Coordination with ICF regarding permits, EIS, and upcoming surveys. • Continued work on the EIS including development of project description including development of construction information for Ingram Canyon alternative. • Coordination with NHC regarding inundation study and breach analysis • Continued work on the Eagle surveys and access • Provided scope and budget for preliminary amphibian surveys to provide information for mitigation requirements and to include in EIS. • Coordination with road design team for evaluation of alignment alternatives
<p>Task 6 Validate Facilities</p>	<ul style="list-style-type: none"> • None
<p>Task 7 Procure Design Consultants</p>	<ul style="list-style-type: none"> • None

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Task Description	Work Completed This Period
<p>Task 8 Design Consultant Management</p>	<ul style="list-style-type: none"> • Prepared for meeting with TRB. • Meeting with TRB on January 10, 2024 • Continued to coordinate with TGP. • Held meetings with TYLin team to coordinate various items including the development and screening of roadway alternatives, and meeting with the County to review roadway alternatives.
<p>Task 9 Conveyance Facilities Preliminary Design</p>	<ul style="list-style-type: none"> • None
<p>Task 10 USBR Feasibility Report</p>	<ul style="list-style-type: none"> • None
<p>Task 11 Land-Owner Coordination</p>	<ul style="list-style-type: none"> • Collected information on access needs and parcels • Prepared access agreement templates
<p>Task 12 Survey/Mapping</p>	<ul style="list-style-type: none"> • None
<p>Task 13 Utility Company Coordination</p>	<ul style="list-style-type: none"> • None
<p>Task 14 Outreach Support</p>	<ul style="list-style-type: none"> • None

Budget Status

As of this invoice, 81% of the project budget has been billed (\$9,892,968.35 of \$12,255,825.13). A budget breakdown by task is included in the below table.

Table 1: Budget Breakdown By Task

Task No.	Description	Budget	Previously Billed	Billed This Period	Total Billed to Date	Budget Remaining	% Billed to Date
1	Program Management	\$1,120,574.94	\$902,331.86	\$2,272.50	\$904,604.36	\$215,970.58	81%
2	Agency Coordination and Permitting Plan	\$1,190,643.56	\$1,130,158.05	\$13,528.91	\$1,143,686.96	\$46,956.60	96%
3	Reservoir Operations Analysis	\$383,833.50	\$373,206.00	\$955.00	\$374,161.00	\$9,672.50	97%
4	Funding Strategy	\$71,000.00	\$42,429.75	\$0.00	\$42,429.75	\$28,570.25	60%
5	CEQA/NEPA Compliance	\$3,724,736.91	\$2,322,628.81	\$27,185.00	\$2,349,813.81	\$1,374,923.10	63%
6	Validate Facilities	\$2,155,442.87	\$2,155,442.84	\$0.00	\$2,155,442.84	\$0.03	100%
7	Procure Design Consultants	\$148,875.06	\$141,333.05	\$0.00	\$141,333.05	\$7,542.01	95%
8	Design Consultant Management	\$567,016.51	\$147,847.96	\$3,220.36	\$151,068.32	\$415,948.19	27%
9	Conveyance Facilities Preliminary Design	\$1,082,317.94	\$1,082,317.94	\$0.00	\$1,082,317.94	\$0.00	100%
10	USBR Feasibility Study	\$571,778.64	\$571,778.64	\$0.00	\$571,778.64	\$0.00	100%
11	Land Owner Coordination	\$149,420.07	\$51,949.30	\$1,277.50	\$53,226.80	\$96,193.27	36%
12	Survey/Mapping	\$173,364.88	\$173,364.88	\$0.00	\$173,364.88	\$0.00	100%
13	Utility Company Coordination	\$515,007.06	\$372,915.10	\$0.00	\$372,915.10	\$142,091.96	72%
14	Outreach Coordination	\$401,813.19	\$376,824.90	\$0.00	\$376,824.90	\$24,988.29	94%
Total		\$12,255,825.13	\$9,844,529.08	\$48,439.27	\$9,892,968.35	\$2,362,856.78	81%

Notes:

¹ Task budgets are internally allocated and may be reallocated between tasks based on program need.

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Schedule Status

Work through January was focused on preparing for and attending the TRB meeting on January 10, and on short-listing roadway alternatives and gaining County concurrence on the short list.

Looking forward, the roadway alternatives analysis remains the key schedule driver in the next few months since that work will inform other program activities. The work in December to screen roadway alternatives provided a foundation for work in January.. The team is working to maintain strong communications with the County so that the final roadway alternative meets appropriate standards.

Outstanding Issues

CEQA litigation

- A Court decision upheld most of the analysis in the EIR, but directed that certification be set aside because the road relocation was not sufficiently defined. The Project team is now working to identify a preferred road alignment and issue a revised CEQA document evaluating impacts of the road.

Bureau of Reclamation Coordination

- Based on extensive comments from cooperating agencies on Reclamation's draft EIS, Reclamation developed a new approach for the EIS by which W&C will draft a new EIS with substantial detail on alternatives including Ingram Canyon. We have started work on EIS and are currently focused on developing a description of the physical features associated with the Ingram Canyon alternative and determining the alignment for relocation of Del Puerto Canyon Road.
- We continue to await written confirmation that Reclamation concurs with our position that the Del Puerto Canyon Reservoir project is under construction, consistent with the requirements in section 4013(2) cited per criteria in section 4011f(2). Our project manager at USBR, Allison Jacobson, has indicated that our letter has been reviewed and there are no objections to our position.

Army Corps Coordination

- The Corps is officially a cooperating agency for the USBR NEPA process. They have designated Reclamation to act on their behalf in the Section 7 consultation. We have a Preliminary Jurisdictional Determination from the Corps, which we have agreed is sufficient for the Project. We have determined that an Approved Jurisdictional Determination is not needed.

State Water Resources Control Board Coordination

- After the initial water rights application was reviewed by the State Board, additional coordination and analyses were required for the water availability analysis portion of the application. This has required more detailed data collection and analyses to estimate downstream impacts of flow reduction in the Del Puerto Creek. The State Board does not have streamlined guidelines for the requirements of the water availability analyses, and it is unknown what level of detail will be required for completion of the application at this time. The team has developed a strategy for the water availability analysis and drafted a TM which will be presented to the State Board for further discussion before re-submitting the application.

Utility Company Coordination

- Woodard & Curran continues to work with Crimson to relocate the Crimson pipeline, and is sharing project data with the Crimson team to facilitate their work.

DPCR EIS schedule
Schedule with 4/29/24 decision on road alignment

	Start	Finish	Working days	Calendar days
NTP	August 7, 2023	August 7, 2023	0	0
Project start-up (subcontracts)	August 8, 2023	August 9, 2023	1	1
Develop Ingram Canyon Description and update DPCR road alignment	September 5, 2023	April 30, 2024	170	238
Inundation mapping	October 10, 2023	February 6, 2024	85	119
Other Technical Studies (air,traffic,bio,cultural)	April 30, 2024	July 23, 2024	60	84
Write EIS sections	July 26, 2024	September 20, 2024	40	56
Compile and submit ADEIS	September 21, 2024	October 5, 2024	10	14
Reclamation review	October 8, 2024	November 19, 2024	30	42
Prepare Screencheck EIS	November 22, 2024	December 20, 2024	20	28
Reclamation review	December 23, 2024	January 20, 2025	20	28
Prepare EIS for publication	December 23, 2024	January 6, 2025	10	14

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FY2025 Community Project Funding

Submit this form by **March 22, 2024 at 11 p.m. ET**. Please provide all information as appropriate to complete your request. Incomplete forms may result in your request not receiving proper consideration.

This form is to submit a request for Community Project Funding (CPF) for projects and activities that have a direct impact on California's 22nd Congressional District.

Please read the eligibility criteria and selection guidance carefully before submitting a request.

PLEASE NOTE: The Appropriations Committee has not yet released CPF guidance for FY2025. Until updated guidance becomes available, please use FY2024 criteria, available here: <https://appropriations.house.gov/fiscal-year-2024-member-request-guidance>

Submission of this information does not create a binding commitment on any party nor a guarantee that any organization or program will be awarded funding from any federal agency. Once submitted, this request may be made publicly available.

Only projects with demonstrated community support will be considered. For this reason, community letters of support are required. This could include letters of support from elected community leaders (e.g. mayors or other officials); press articles highlighting the need for the requested Community Project Funding; support from newspaper editorial boards; projects listed on State intended use plans, community development plans, or other publicly available planning documents; or resolutions passed by city councils or boards.

Important considerations for Congressionally Directed Spending:

- One-year funding. Each Community Project Funding request must be for fiscal year 2025 funds only and cannot include a request for multi-year funding.
- Matching requirements. Several Federal programs eligible for Community Project Funding requests require a State or local match for projects either by statute or according to longstanding policy. The Appropriations Committee will not waive these matching requirements for Community Project Funding requests, so it is important that applying entities develop a plan for matching requirements prior to requesting a project. Note: This does not mean that

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matching funds must be in-hand prior to requesting a project, but that local officials must have a plan to meet such requirements in order for such a project to be viable.

* Required

1. To be considered for the Community Project Funding, the project or associated organization cannot in any way benefit Congressman David G. Valadao or his immediate family financially. Sign here to confirm that you have fully read and understood. *

Yes, we have read the documents and understand that that our project will not benef

2. Organization Name: *

San Joaquin River Exchange Contractors Water Authority and Del Puerto Water Distri

3. Requesting Organization Contact Information (Name, Affiliation, Email, Contact Number): *

Steve Chedester, Director of Policy and Programs, schedester@sjrecwa.net, 209-827-6

4. Requesting Organization Mailing Address: *

541 H Street / P.O. Box 2115, Los Banos CA. 93635

5. Requesting Organization Website: *

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6. All projects must fall under a Community Project Funding-Eligible Account as outlined by the House Appropriations Committee. To view eligible accounts, click here: <https://appropriations.house.gov/fiscal-year-2024-community-project-funding-eligible-accounts>

Please list the account your requested project qualifies under below (i.e. Department of Transportation: Transit Infrastructure Projects) *

Department of the Interior/Bureau of Reclamation

7. Detailed breakdown of the total cost of the project or program that includes all prior funding sources (both public and private) and any amounts that remain unfunded. Not including federal dollars, how will you fund the remaining project costs (i.e. state, private, etc.): *

We are seeking \$5,000,000 to advance the project design to 60% design. We have received some funding from the WIIN Act, the State of California and the rest of the funding from the two public agencies sponsoring the project (San Joaquin River Exchange Contractors Water Authority and Del Puerto Water District.)

Federal Authorization to Date:

WIIN Act- \$3.0 million -Pre-Construction

WINN Act- \$15.0 Million- Directed by Congress with \$2.8 million awarded, to date.

State Authorization to Date:

Prop 1, Round 2 Integrated Regional Water Management Grant -\$955,000

The Estimated Cost for the Project is \$800 million. Non-Federal Funding for the project will be provided by the project proponents: Del Puerto Water District and San Joaquin River Exchange Contractors Water Authority.

8. Are there any known or anticipated community concerns associated with this project or program (e.g. conflict with land use, neighborhood concerns, etc.) that could prevent it from moving forward: *

No

9. List any stakeholders that support this request: *

Central California Irrigation District, San Luis Canal Company, Firebaugh Canal
Water District, Columbia Canal Company, Grassland Water and Resource
Conservations District, California Farm Bureau, Stanislaus County Board of
Supervisors, Governor Gavin Newsom



10. Impact on CA-22 and other comments/miscellaneous information: *

The Del Puerto Canyon Reservoir

Del Puerto Water District (DPWD) and the San Joaquin River Exchange Contractors Water Authority (Exchange Contractors) supply Central Valley Project (CVP) water to highly productive farmlands in Stanislaus, San Joaquin, Merced, Fresno, and Madera counties. CVP water is pumped south from the Sacramento-San Joaquin Delta through the Delta-Mendota Canal. DPWD and the Exchange Contractors are partnering to construct and operate the Del Puerto Canyon Reservoir. The project will deliver water from the Delta-Mendota Canal into the new reservoir, where it will be stored and released on a carefully managed basis. The reservoir would allow water to be delivered into storage during wetter periods until it is needed in drier periods for irrigation, wildlife refuges, or groundwater recharge.

The project features include: 800-acre reservoir with a 260-foot high earthen dam and 3- saddle dams; Off-stream storage space for up to 82,000 acre-feet of water South of the Delta; Pipeline connection to the Delta-Mendota Canal; Average water yield of up to 60,000 acre-feet per year. The project benefits include: Improved water supply reliability for agriculture and wildlife refuges; Capture Del Puerto Creek runoff to increase flood protection for Westside Communities; Support the local and regional economy; local management of groundwater and surface water to benefit local communities, which rely on agricultural irrigation to replenish the groundwater supply.

The project build is a regional partnership with the two public entities working together. The Del Puerto Water District (DPWD), based in Patterson, provides water to 45,000 acres of farmland adjacent to the Delta-Mendota Canal. The San Joaquin River Exchange Contractors Water Authority (Exchange Contractors) consists of four water agencies — Central California Irrigation District, San Luis Canal Company, Firebaugh Canal Water District, and the Columbia Canal Company. They collectively serve 240,000 acres of farmland west of the San Joaquin River, from near Patterson in the north to Mendota in the south. The proposed Del Puerto Canyon Reservoir brings multiple benefits to the San Joaquin Valley by providing:

Water for the Economy - Agriculture is a key economic driver for the west side of the San Joaquin Valley. The Del Puerto Canyon Reservoir would establish valuable water storage space, providing a more secure water future for our economy.

Westside communities, including Crows Landing, Dos Palos, Firebaugh, Grayson, Gustine, Los Banos, Mendota, Newman, Patterson, and Westley, rely on groundwater. Water storage for west side agriculture helps restore and sustain groundwater for everyone.

The west side's communities are surrounded and supported by a strong agricultural economy.

Agriculture is a key driver to the area economy and quality of life, pumping \$7.15 billion into the Stanislaus County economy alone in 2017 (more than \$19 million

... (where many are hired per day).

Among the gifts of the land: Fruits, nuts, vegetables, livestock, poultry, dairy, and other products, many of which are organic.

Employees engaged in agriculture numbered more than 34,000 in 2017, holding nearly one in eight jobs in Stanislaus County alone. Total agricultural employment in region is in excess of 100,000 employees.

11. Community letters of support. *Please condense all documents into one PDF, starting with a table of contents. Please email PDF to: Kellie.Hartl@mail.house.gov with the subject line "FY25 CPF REQUEST: [insert project name]" *

- Yes, I emailed PDF.
- No, my form is not complete.

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Anthea Hansen

From: Los Vaqueros Reservoir JPA <info-losvaquerosjpa.com@shared1.ccsend.com>
Sent: Thursday, February 29, 2024 10:40 AM
To: Anthea Hansen
Subject: Los Vaqueros Reservoir Joint Powers Authority Update

February 29, 2024

Los Vaqueros Reservoir Joint Powers Authority Update

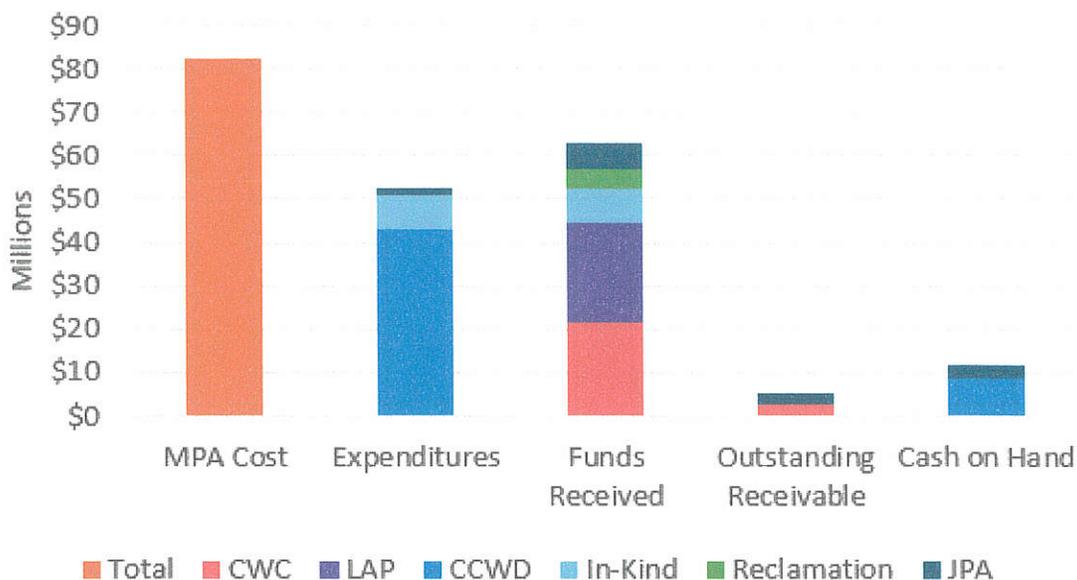


UPDATE ON MULTIPARTY COST SHARE AGREEMENT

The following chart provides an overview of the MPA expenditures through January 31, 2024, as well as in-kind services, funds received, outstanding receivables, and cash on hand.

As a result of the additional time required to enter into project agreements and obtain full funding approval from the California Water Commission, the JPA has developed a draft comprehensive near-term schedule that reflects a delay in project implementation. The schedule is currently being refined through meetings with the Member Agencies, and the JPA continues working to ensure sufficient interim funding for necessary project activities.

Multi-Party Agreement Summary To Date



FEBRUARY BOARD OF DIRECTORS MEETING RECAP

On February 14, the JPA Board of Directors met in person at Zone 7 Water Agency. Approved action items included the recommended capital preservation strategy, amended conflict of interest code, and proposed program management contract amendment. The Board also received updates on program management and federal relations activities, and discussed potentially cancelling or rescheduling its May meeting due to the ACWA Spring Conference.

The next JPA Board Meeting is scheduled for March 13 at Zone 7 Water Agency. In accordance with the Brown Act, the meeting agenda packet will be posted on the [JPA website](#) in advance of the meeting.

SUBMISSION AND REVIEW CONTINUE FOR PROJECT PERMITTING

U.S. Fish and Wildlife Service supervisory staff continue reviewing the draft Biological Opinion for construction activities.

Reclamation is working to finalize the Memorandum of Agreement required under Section 106 of the National Historic Preservation Act, with execution anticipated in the coming months. Reclamation also continues to define the timing and path forward for the Record of Decision.

California Department of Fish and Wildlife (CDFW) continues to work on the Incidental Take Permit (ITP) and the Lake and Streambed Alteration Agreement for construction activities. CDFW issued a second administrative draft of the ITP for operations, and Contra Costa Water District (CCWD) has reviewed and provided further comments. CCWD and CDFW will meet in late February to finalize the permit.

The U.S. Army Corps of Engineers continues work on the Section 404 permit and associated Decision Document.

JPA AND CCWD CONTINUE TO COORDINATE ON DESIGN AND ENGINEERING EFFORTS

The Division of Safety of Dams (DSOD) continues to review the dam design drawings and technical specifications submitted for their approval in December 2023. With the exception of minor comments from DSOD, the dam design is complete.

Design of Pumping Plant No. 1 Replacement continues. The risk register will be updated and following the 90-percent design submittal, further work will be suspended in accordance with the capital preservation plan.

Revisions continue to the draft preliminary design report and drawings for the Transfer-Bethany Pipeline (TBPL). Land acquisition planning and right-of-way planning are ongoing. The draft geotechnical data report for the first phase of geotechnical investigations is also being updated. Once the 30-percent design

is completed, further design work will be suspended in accordance with the capital preservation plan.

The California Department of Water Resources (DWR) reviewed the comment letter response, describing how DWR comments on the Turn-In design will be addressed; most of the responses were accepted by DWR, and work continues to address the remaining few comments. Once all comments are resolved, no further Turn-In design work will be required in advance of entering into the Turn-In Agreement. DWR has provided the draft Turn-In Agreement, which is currently under review.

Implementation of the Project Management Information System (PMIS) is underway, with design and system configuration taking place for the various projects, facilities, and budgets. The PMIS will support cost and schedule controls and reporting.

UPCOMING MEETINGS

March 13 – 9:30 a.m.

JPA Board Meeting (Zone 7 Water Agency)

March 21 – 10 a.m.

JPA Operations & Engineering Committee Meeting (Virtual)

March 28 – 1 p.m.

JPA Finance Committee Meeting (Virtual)



ADDITIONAL PROJECT INFORMATION

losvaquerosjpa.com

ccwater.com/lvstudies

Los Vaqueros Reservoir Joint Powers Authority | 1331 Concord Ave., Concord, CA 94520

[Unsubscribe ahansen@delpuertowd.org](mailto:ahansen@delpuertowd.org)

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COUNCIL AGENDA REPORT

CITY COUNCIL

Javier Lopez, Mayor
James Casey, Dist. 1
Rosalinda L. Vierra, Dist. 2
Bret Silveira, Dist. 3
Daniel A. Martinez, Dist. 4

MEETING DATE: APRIL 08, 2024

TO: Mayor and City Council

FROM: Doug Dunford, City Manager

CONTACT: Sam Royal, Public Works Director
Samir.Royal@ci.ceres.ca.us, (209) 538-5717

SUBJECT: Resolution No. 2024-___, Authorizing the City Manager to Approve an Agreement for Turnkey Design and Construction Energy Services with Schneider Electric Buildings Americas, Inc. for Design and Construction of an Energy Services Project for the City of Ceres Wastewater Treatment Plant Improvements and Upgrades

RECOMMENDED COUNCIL ACTION:

Staff recommends the City Council authorize the City Manager to approve an Agreement for Turnkey Design and Construction Energy Services with Schneider Electric Building Americas, Inc. for the Public Works Project for the Wastewater Treatment Plant Improvements and Upgrades.

I. BACKGROUND:

The City of Ceres owns and operates a Wastewater Treatment Plant (WWTP) located at 4200 Morgan Road. The WWTP processes approximately 2.5 MGD (Million Gallons per Day) of average sewer flow. Currently, the City's total average daily Wastewater Inflow is 3.5 MGD which exceeds the City's plant capacity. Therefore, the City of Ceres diverts a portion of its wastewater to the Cities of Modesto and Turlock for treatment for fees. The City's Wastewater Treatment Plant was constructed in 1970 and has not undergone any significant expansion or improvements. The City's wastewater treatment plant works on an aerated lagoon system which is an energy intense process and limited on treatment capacity. The City of Ceres holds a Waste Discharge Requirements Permit to discharge effluent through percolation ponds.

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The City of Ceres and Schneider Electric have been working together since October 2023 on developing an energy service, design-build program to implement the improvements to the wastewater treatment plant. The Schneider Electric engineering team has visited the site, met with operators, collected data, discussed goals and vision, and current issues with the City staff. The Schneider Electric engineering team conducted a preliminary needs assessment to identify the project opportunities at the wastewater treatment plant. The main focus of the preliminary assessment is to develop a better understanding of how the City's existing wastewater treatment plant can meet the City's current and future status regarding capacity, operational needs, regulations and optimize budgeted dollars to provide the highest level of service.

Over the past few months, a combined effort between the City of Ceres staff and the Schneider Electric team concluded that the current City's wastewater treatment plant needs major improvements to accommodate expansion, regulations, and to help reduce significant operational expenses that the City is experiencing. City of Ceres staff identified the following as the highest priorities:

- 1- Increase City's Wastewater Treatment Capacity
- 2- Reduce High Maintenance and Operational Costs
- 3- Reduce High Energy Consumption
- 4- Address Rising Regulations in the Central Valley Region

Together, these proposed improvements meet the City's strategic goals of:

- 1- Infrastructure
- 2- Economic Development
- 3- Planning for Future

II. REASONS FOR RECOMMENDATION:

The City of Ceres is in the process of planning for new expansion at the Copper Trails and West Landing Developments. In addition, the City is experiencing rising costs of the City's Wastewater Treatment Plant Operational and Maintenance expenses due to limited plant capacity and existing infrastructure. Regionally, there are increasing regulations in the Central Valley region to protect ground water.

To provide a pathway to address these issues, California Government Code 4217.10-4217.18 allows public agencies (cities, counties, schools, universities, special districts, and state government) to partner with an energy services company to acquire projects and services that save energy or create the more efficient use of energy. These projects are delivered in a manner most closely related to the design-build process but have the added benefit of no change orders and the option of measurement of savings related to the proposed improvements. This code does not require public bidding and no RFQ/RFP is required. Section 4217.18 states "The provisions of this chapter shall be construed to provide the greatest possible flexibility to public agencies structuring agreements entered into hereunder so that the economic benefits may be maximized, and financing and other costs associated with the design and construction of alternate energy projects may be minimized."

The recommended action supports the following sections of the City's Strategic Plan: Infrastructure "Ensure that the community has adequate, well maintained infrastructure (including water, sewer, streets, traffic signals, parks, sidewalks, facilities) that fosters a quality community and supports a strong economy", Economic Development "Proactively recruit and attract businesses to Ceres in order to add to the quality of life and enhance the fiscal base of the community." and Planning for Future "Ensure the City has plans and policies in place to attract and create desirable development, maintain and improve neighborhoods and annex land to achieve a livable community and support a strong economy.

V. POLICY ALTERNATIVES:

Should the Council decide not to approve the contract with Schneider Electric Buildings Americas, Inc., the City will not have an adequate operational Wastewater Treatment Plant to support expansion activities. The City will continue to experience soaring operational costs and potentially fall behind on the wastewater treatment increasing regulations in the Central Valley Region.

VI. INTERDEPARTMENTAL COORDINATION:

N/A

VII. PUBLIC PARTICIPATION:

N/A

VIII. ENVIRONMENTAL REVIEW:

N/A

IX. STEPS FOLLOWING APPROVAL:

Upon approval, the City Manager shall execute the Agreement for Turnkey Design and Construction Energy Services contract with Schneider Electric Buildings, Inc. and the Finance Director shall make the appropriate accounting entries.

Approved by: _____

Doug Dunford, City Manager

Attachments:

1. Attachment A – Resolution
2. Attachment B – Agreement for Turnkey Design and Construction Energy Services

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In order to obtain a lump sum price for the improvements needed at the wastewater treatment plant, it is necessary for Schneider Electric to perform a design of the proposed projects. Should the City proceed with a construction agreement with Schneider Electric, the design and development costs will be absorbed into the construction agreement. If the City chooses not to proceed with a construction agreement with Schneider Electric, an exit fee would be paid to Schneider Electric for the work performed. This allows Schneider Electric to perform the necessary engineering and design to provide a firm, lump sum price for construction of the project identified through the City's discovery process. Schneider Electric will manage both the design and construction, delivering a turn-key project to the city.

The Design Phase of the Agreement for a Turnkey Design and Construction Energy

Services includes the following development activities necessary to finalize engineering, planning and development for a shovel-ready project and construction contract. Schneider Electric will represent the role of a design-builder and deliver to the city:

- Scope of work for the improvements at the City of Ceres Wastewater Treatment Plant
- Final lump sum pricing, no change orders
- Assistance to obtain available wastewater grants and low interest funding
- Quantified annual energy savings
- Plan for how Schneider Electric will manage the construction phase
- Marketing/positive PR plan for project wins

The Design Phase consists of three primary milestone meetings which Schneider Electric will facilitate with City staff. At the conclusion of this planning process, staff will bring forth an Amendment to the Agreement for Turnkey Design and Construction Energy Services contract for approval at a future City Council meeting.

III. FISCAL IMPACTS:

Staff recommends approval of the Agreement for Turnkey Design and Construction Energy Services contract with Schneider Electric Buildings, Inc. for the Wastewater Treatment Plant Improvements and Upgrades Project. Included in the scope of work for the design phase portion is an effort to obtain funding sources to help pay for the construction portion of this project.

The design and development costs will be absorbed into the construction agreement. However, if the city chooses not to proceed with a construction agreement with Schneider Electric, an exit fee would be paid to Schneider Electric for the work performed using account number 56725.029900.

IV. EXISTING POLICY / RELATIONSHIP TO STRATEGIC PLAN:

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